# THE JEFF HOTEL PROJECT, CULVER CITY, CA

## Air Quality Technical Report

Prepared for
Sandstone Properties, Inc.
14724 Ventura Boulevard, Penthouse Suite
Los Angeles, CA 91403

November 2020

ESA

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November 2020

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## Air Quality Technical Report


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# ACRONYMS AND ABBREVIATIONS

| Acronym | Description |
|---|---|
| Air Basin | South Coast Air Basin |
| AQMP | Air Quality Management Plan |
| ATCM | Airborne Toxics Control Measure |
| BACT | Best Available Control Technology |
| CAA | Clean Air Act |
| CAAQS | California Ambient Air Quality Standards |
| CalEEMod | California Emissions Estimator Model |
| CARB | California Air Resources Board |
| CCR | California Code of Regulations |
| CEC | California Energy Commission |
| CEUS | Commercial End-Use Survey |
| CEQA | California Environmental Quality Act |
| City | City of Culver City |
| CO | Carbon monoxide |
| EMFAC | On-road vehicle emissions factor model |
| hp | Horsepower |
| LOS | Level of Service |
| LST | Localized significance threshold |
| MATES IV | Multiple Air Toxics Exposure Study, May 2015 |
| MPO | Metropolitan Planning Organization |
| NAAQS | National Ambient Air Quality Standards |
| NO | Nitric oxide |
| $NO_2$ | Nitrogen dioxide |
| $NO_X$ | Nitrogen oxides |
| OFFROAD | Off-road vehicle emissions model |
| OEHHA | Office of Environmental Health Hazard Assessment |
| Pb | Lead |
| PDF | Project design feature |
| PM2.5 | Fine particulate matter |

| Acronym | Description |
|---|---|
| PM10 | Respirable particulate matter |
| ppm | Parts per million |
| OFFROAD | Off-road vehicle emissions model |
| RTP/SCS | Regional Transportation Plan/Sustainable Communities Strategy |
| SCAG | Southern California Association of Governments |
| SCAQMD | South Coast Air Quality Management District |
| SIP | State Implementation Plan |
| $SO_2$ | Sulfur dioxide |
| TAC | Toxic air contaminant |
| $\mu g/m^3$ | Micrograms per cubic meter |
| µm | Micrometers |
| USEPA | United States Environmental Protection Agency |
| VDECS | Verified Diesel Emission Control Strategies |
| VOC | Volatile organic compounds |

# EXECUTIVE SUMMARY

Sandstone Properties, Inc. proposes to develop a five-story, 175-room boutique hotel located at 11469 Jefferson Boulevard (Project) in Culver City, California. In accordance with the requirements under the California Environmental Quality Act (CEQA), this Technical Report provides an estimate of air quality emissions for the Project and the potential impacts from associated construction and operational activities. The report includes the categories and types of emission sources resulting from the Project, the calculation procedures used in the analysis, and any assumptions or limitations.

The Project would comprise a total building area of approximately 111,000 gross square feet within a 0.78 acre (33,800 square feet) parcel (Project Site). Parking would be provided in a two-floor, subterranean parking garage. Development of the Project would require the demolition of the existing low-rise commercial buildings and surface parking lot.

This report summarizes the potential for the Project to conflict with an applicable air quality plan, to violate an air quality standard or threshold, to result in a cumulatively net increase of criteria pollutant emissions, to expose sensitive receptors to substantial pollutant concentrations, or to create objectionable odors affecting a substantial number of people. The findings of the analyses are as follows:

- The incremental increase in emissions from construction and operation of the Project would not exceed the regional daily emission thresholds set forth by the South Coast Air Quality Management District (SCAQMD). Thus, the Project would not result in a regional violation of applicable air quality standards or jeopardize the timely attainment of such standards in the South Coast Air Basin (the Air Basin).
- The incremental increase in onsite emissions from construction and operation of the Project would not exceed the localized significance thresholds set forth by the SCAQMD. Thus, the Project would not result in a localized violation of applicable air quality standards or expose offsite receptors to substantial levels of regulated air contaminants resulting in a less than significant impact.
- Emissions from the increase in traffic due to operation of the Project would not have a significant impact upon 1-hour or 8-hour local carbon monoxide (CO) concentrations due to mobile source emissions.
- Project construction and operations would not expose off-site receptors to significant levels of toxic air contaminants and would result in less than significant health risk impacts.
- Project construction and operations would not result in significant levels of odors.
- The Project would be consistent with air quality policies set forth by the SCAQMD.
- The Project would result in a less than significant cumulative air quality impacts during construction and operations of the project.

# SECTION 1
# Introduction

## 1.1 Existing Conditions

The approximately 0.78-acre Project Site is located at the northwest corner of Jefferson Boulevard and Slauson Avenue in Culver City. The Project Site is bounded by Jefferson Boulevard to the south, Slauson Avenue to the west, Berryman Avenue to the north and Sepulveda Boulevard to the east. A two-lane service alley runs along the northwest side of the Project Site and the service alley serves as the western boundary of the Project Site. The Project Site is shown in **Figure 1**, *Regional Location.* Nearby uses surrounding the Project Site include residential uses to the north and west across the service alley, adjacent commercial uses to the east, and commercial uses to the south across Jefferson Boulevard and Slauson Avenue. **Figure 2**, *Aerial Photograph with Surrounding Land Uses*, shows the site and surrounding land uses. The Project Site is 33,800 square feet in size and is currently developed with low-level commercial buildings totaling 13,301 square feet and a surface parking lot totaling 20,516 square feet, all of which would be demolished and removed to support development of the Project.

The Project Site is well served by a network of regional transportation facilities. Various public transit stops operated by the Los Angeles County Metropolitan Transportation Authority (Metro) and Culver City Bus are located in close proximity to the Project Site, including the Culver City Transit Center Bus Station that is located approximately 900 feet southeast of the Project Site. The Metro Expo Line Culver City light rail station is approximately two and three quarter miles north of the Project Site. State Route 90 is approximately 350 feet west of the Project at its closest point; Interstate 405 is approximately 450 feet southwest of the Project Site at its closest point; The Pacific Coast Highway (State Route 1) is approximately two and one quarter miles to the southwest of the Project Site; Interstate 10 is approximately two and three quarter miles to the north; and Interstate 105 is approximately four miles to the south.

## 1.2 Project Description

Sandstone Properties, Inc. proposes to develop a five-story, 175-room boutique hotel located at 11469 Jefferson Boulevard (Project) in Culver City, California. The Project would comprise a total building area of approximately 111,000 gross square feet within a 0.78 acre (33,800 square feet) parcel (Project Site). Development of the Project would require the demolition of the existing low-level commercial buildings totaling 13,301 square feet and a surface parking lot totaling 20,516 square feet.

SOURCE: ESRI

The Jeff Hotel

**Figure 1**
Regional Location

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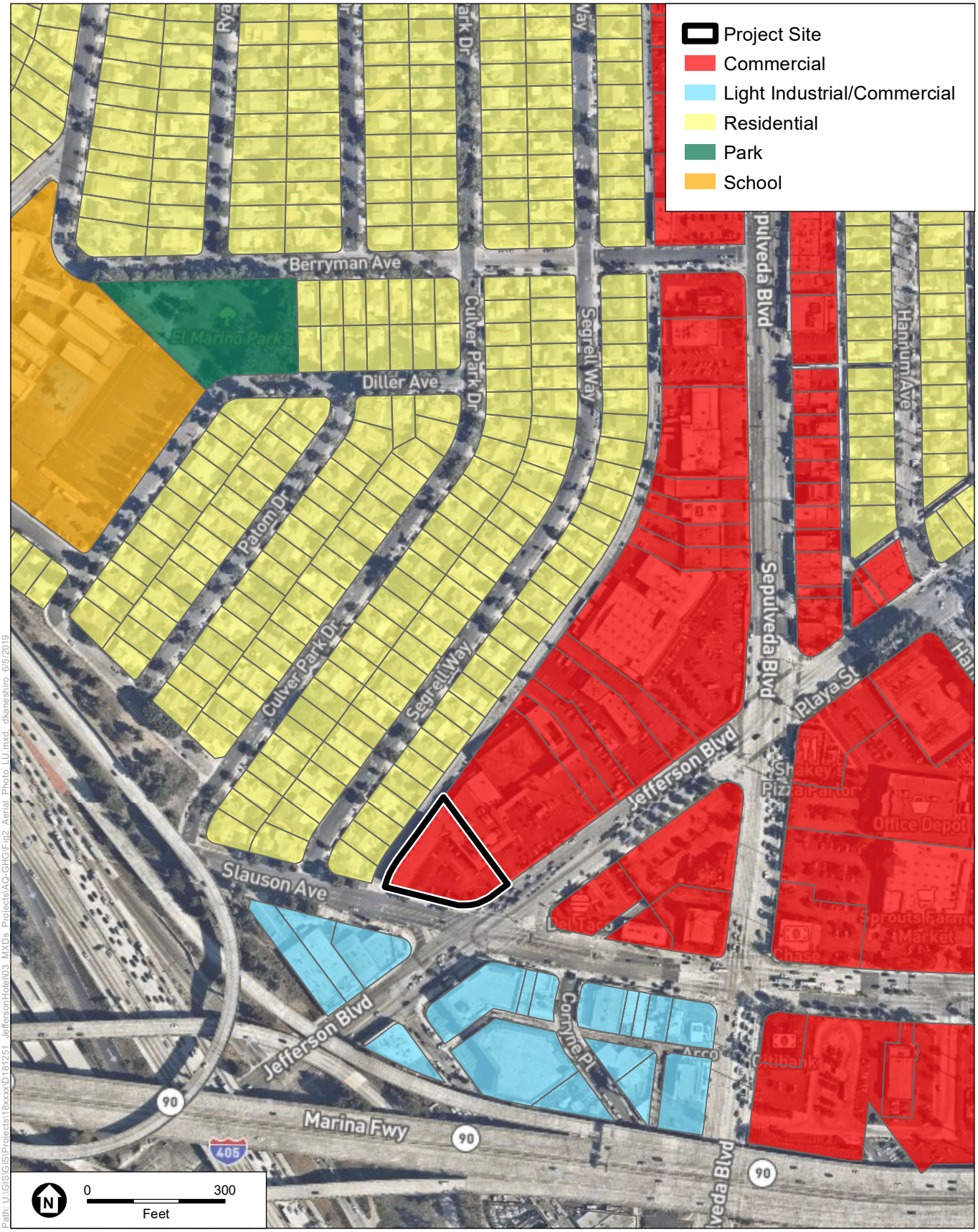


SOURCE: Open Street Map, 2019

The Jeff Hotel

**Figure 2**
Aerial Photograph with Surrounding Land Uses

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The Project would be designed to accommodate the guest rooms and ground level amenities around a central open-to-the-sky atrium (oculus), podium level courtyard (Level 2), and additional rooftop amenities. Level 1 would include restaurant/commercial uses, service/administrative/housekeeping/kitchen uses, a meeting room, a lobby, a lounge, and oculus. Level 2 would include guestrooms, housekeeping, meeting rooms, a courtyard, and rear terrace. Level 3 would include guestrooms, housekeeping, a fitness room, and a courtyard. Level 4 would include guestrooms and housekeeping. Level 5 would include guestrooms, housekeeping, and a pool deck. Rooftop amenities would include a rooftop bar and open space/lounge areas. Parking would be provided in a two-floor, subterranean parking garage.

## 1.3 Project Land Use Characteristics

The Project would represent an urban infill development, since it would be undertaken on a currently developed property, and would be located near existing public transit stops, which would result in potential reduced vehicle trips and VMT compared to model default assumptions. Conservatively, the Project traffic study[1] did not include transit credit from public transit stops and used default trips rates in the Institute of Transportation Engineers, *Trip Generation, 10th Edition*. These trip rates were used in the operational emissions modeling. At Project buildout, hours of operation and periods of peak activity would be similar to those currently existing uses on the Project Site, with A.M. and P.M. peak hours.

## 1.4 Project Design Features

The Project incorporates many project design features (PDFs) that would reduce construction emissions and target sustainable site development, water savings, energy efficiency, green-oriented materials selection, and improved indoor environmental quality. PDFs are part of the Project design, and are not mitigation measures. The PDFs proposed for the Project include, but are not limited to the following:

> **PDF-AIR-1: Construction Features:** Construction equipment operating at the Project Site shall be subject to a number of requirements. These requirements shall be included in applicable bid documents and successful contractor(s) must demonstrate the ability to supply such equipment. Construction measures would include, but are not limited to the following:
>
> - The Project shall require all off-road diesel construction equipment greater than 50 horsepower (hp) that will be used an aggregate of 40 or more hours to meet the U.S. Environmental Protection Agency Tier 4 Final off-road emission standards. A copy of each unit's certified tier specification or model year specification and California Air Resources Board or South Coast Air Quality Management District operating permit (if applicable) shall be available upon request at the time of mobilization of each applicable unit of equipment. This construction feature would allow for a reduction in diesel particulate matter and $NO_X$ emissions during construction activities.

[1] Crain & Associates, Jefferson Hotel Project Traffic Study, 2020.

**PDF-AIR-2: Design Elements:** In accordance with CALGreen Building Standards, the project shall incorporate the following mandatory energy and emission saving features:

- The Project shall recycle and/or salvage at least 65 percent of non–hazardous construction and demolition debris.
- The Project shall include easily accessible recycling areas dedicated to the collection and storage of non-hazardous materials such as paper, corrugated cardboard, glass, plastics, metals, and landscaping debris (trimmings).
- The Project shall include efficient heating, ventilation, and air conditioning (HVAC) systems.
- The Project shall install low-flow water fixtures that are consistent with U.S. Environmental Protection Agency WaterSense specifications.

**PDF-AIR-3: Voluntary Design Elements:** The project shall incorporate many operational energy and emission saving features including the following:

- The Project design would meet criteria for the LEED Silver or equivalent certification level.
- The Project shall install a solar photovoltaic power system equivalent to at least 1 percent of the Project's electricity demand and at least 1 kilowatt (kW) of solar photovoltaics per 10,000 square feet of new development.

## 1.5 Existing Site Emissions

As discussed previously, the Project Site is currently developed with low-level commercial buildings totaling 13,301 square feet and a surface parking lot totaling 20,516 square feet, all of which would be demolished and removed to support development of the Project.

Existing emissions are associated with vehicle trips to and from the Project Site, on-site combustion of natural gas for heating, and fugitive emissions of VOCs from consumer product usage and architectural coatings. Existing emissions were estimated using the California Emissions Estimator Model (CalEEMod), Version 2016.3.2 software, an emissions inventory software program recommended by the SCAQMD. CalEEMod is a Statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and GHG emissions from a variety of land use projects. CalEEMod was developed in collaboration with the air districts of California. Regional data (e.g., emission factors, trip lengths, meteorology, source inventory, etc.) have been provided by the various California air districts to account for local requirements and conditions. CalEEMod is considered to be an accurate and comprehensive tool for quantifying air quality and GHG impacts from land use projects throughout California.[2]

CalEEMod was used to estimate the existing site emissions from vehicle trips, natural gas combustion, consumer products usage, and architectural coatings. Building natural gas usage

2 See: http://www.caleemod.com.

rates have been adjusted to account for prior Title 24 Building Energy Efficiency Standards.[3] Mobile source emissions were estimated based on CARB's on-road vehicle EMissions FACtor (EMFAC) model, EMFAC2017, which were generated and incorporated into CalEEMod and using trip rates from the Project's traffic study.[4,5] A detailed discussion of the methodology used to estimate the existing Project Site emissions is provided below. **Table 1**, *Existing Site Operational Emissions*, identifies the emissions from the site's existing usage and emissions removed due to the Project. The emissions removed from the existing conditions will be counted as credit for the proposed Project.

**TABLE 1**
**EXISTING SITE OPERATIONAL EMISSIONS (POUNDS PER DAY)[a]**

| Source | VOC | $NO_X$ | CO | $SO_2$ | PM10 | PM2.5 |
|---|---|---|---|---|---|---|
| **Existing Site Emissions** | | | | | | |
| Area | <1 | <1 | <1 | <1 | <1 | <1 |
| Energy (Natural Gas) | <1 | <1 | <1 | <1 | <1 | <1 |
| Mobile | 1 | 3 | 7 | <1 | 1 | <1 |
| **Total** | **1** | **3** | **7** | **<1** | **1** | **<1** |

[a] Totals may not add up exactly due to rounding in the modeling calculations Detailed emissions calculations are provided in Appendix A.

SOURCE: ESA 2020

# 1.6 Existing Air Quality Conditions

## Regional Air Quality

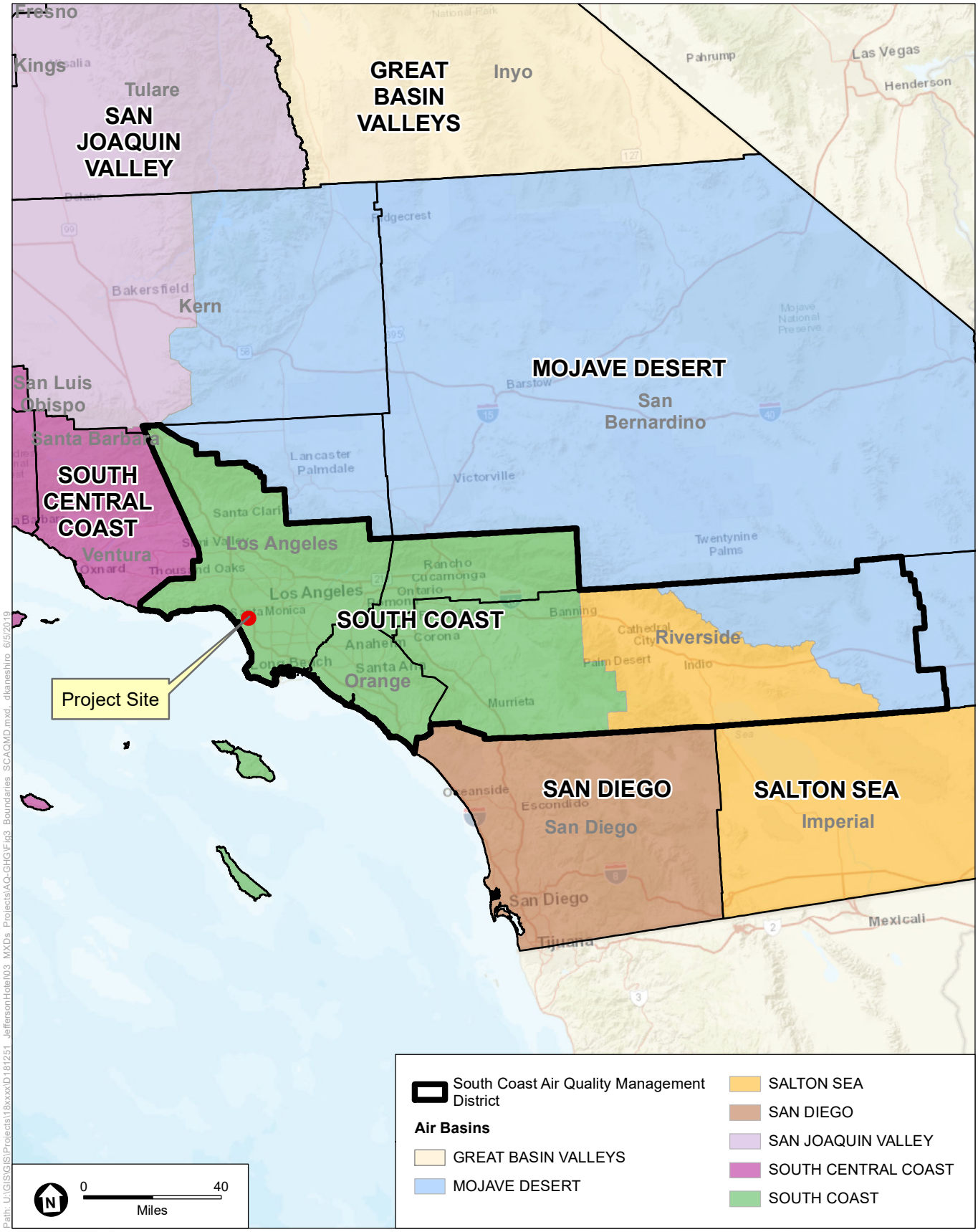
### Criteria Pollutants

The Project Site is located within the South Coast Air Basin (Air Basin), which is shown in **Figure 3**, *Boundaries of the South Coast Air Quality Management District*. The Air Basin is an approximately 6,745-square-mile area bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east. The Air Basin consists of Orange County, Los Angeles County (excluding the Antelope Valley portion), and the western, non-desert portions of San Bernardino and Riverside counties, in addition to the San Gorgonio Pass area in Riverside County. The terrain and geographical location determine the distinctive climate of the Air Basin, as it is a coastal plain with broad valleys and low hills. The Air Basin lies in the semi-permanent high-pressure zone of the eastern Pacific Ocean. The usually

3 CARB, CalEEMod User's Guide, Appendix E, Section 5, September 2016, http://www.aqmd.gov/docs/default-source/caleemod/upgrades/2016.3/06_appendix-e2016-3-1.pdf?sfvrsn=2. Accessed March 2019. Factors for the prior Title 24 standard are extrapolated based on the technical source documentation.

4 Crain & Associates, Jefferson Hotel Project Traffic Study, 2020.

5 CalEEMod's default mobile emission factors are based on an internal database which utilizes EMFAC2014. EMFAC2017 is the most up-to-date version of EMFAC provided by CARB. EMFAC2017 emissions factors were generated outside of CalEEMod and then incorporated into CalEEMod's mobile emission factors database.




SOURCE: California Air Resources Board, March 2004.

The Jeff Hotel

**Figure 3**
Boundaries of the South Coast Air Quality Management District

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mild climatological pattern is interrupted by periods of hot weather, winter storms, or Santa Ana winds.

The extent and severity of pollutant concentrations in the Air Basin is a function of the area's natural physical characteristics (weather and topography) and man-made influences (development patterns and lifestyle). Factors such as wind, sunlight, temperature, humidity, rainfall, and topography all affect the accumulation and dispersion of pollutants throughout the Air Basin, making it an area of high pollution potential. The Air Basin's meteorological conditions, in combination with regional topography, are conducive to the formation and retention of ozone, which is a secondary pollutant that forms through photochemical reactions in the atmosphere. Thus, the greatest air pollution impacts throughout the Air Basin typically occur from June through September. This condition is generally attributed to the emissions occurring in the Air Basin, light winds, and shallow vertical atmospheric mixing. These factors reduce the potential for pollutant dispersion causing elevated air pollutant levels. Pollutant concentrations in the Air Basin vary with location, season, and time of day. Concentrations of ozone, for example, tend to be lower along the coast, higher in the near inland valleys, and lower in the far inland areas of the Air Basin and adjacent desert.

Certain air pollutants have been recognized to cause notable health problems and consequential damage to the environment either directly or in reaction with other pollutants, due to their presence in elevated concentrations in the atmosphere. Such pollutants have been identified and regulated as part of the overall endeavor to prevent further deterioration and facilitate improvement in air quality. The following pollutants are regulated by the United States Environmental Protection Agency (USEPA) and are subject to emissions control requirements adopted by federal, state and local regulatory agencies. These pollutants are referred to as "criteria air pollutants" as a result of the specific standards, or criteria, which have been adopted for them. A brief description of the health effects of these criteria air pollutants are provided below.

**Ozone ($O_3$):** Ozone is a secondary pollutant formed by the chemical reaction of volatile organic compounds (VOCs) and nitrogen oxides ($NO_X$) in the presence of sunlight under favorable meteorological conditions, such as high temperature and stagnation episodes. Ozone concentrations are generally highest during the summer months when direct sunlight, light wind, and warm temperature conditions are favorable. According to the USEPA, ozone can cause the muscles in the airways to constrict potentially leading to wheezing and shortness of breath.[6] Ozone can make it more difficult to breathe deeply and vigorously; cause shortness of breath and pain when taking a deep breath; cause coughing and sore or scratchy throat; inflame and damage the airways; aggravate lung diseases such as asthma, emphysema and chronic bronchitis; increase the frequency of asthma attacks; make the lungs more susceptible to infection; continue to damage the lungs even when the symptoms have disappeared; and cause chronic obstructive

6 United States Environmental Protection Agency (USEPA), Health Effects of Ozone Pollution, https://www.epa.gov/ground-level-ozone-pollution/health-effects-ozone-pollution, last updated October 10, 2018. Accessed March 2019.

pulmonary disease.[7] Long-term exposure to ozone is linked to aggravation of asthma, and is likely to be one of many causes of asthma development and long-term exposures to higher concentrations of ozone may also be linked to permanent lung damage, such as abnormal lung development in children.[8] According to the California Air Resources Board (CARB), inhalation of ozone causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms and exposure to ozone can reduce the volume of air that the lungs breathe in and cause shortness of breath.[9] The USEPA states that people most at risk from breathing air containing ozone include people with asthma, children, older adults, and people who are active outdoors, especially outdoor workers.[10] Children are at greatest risk from exposure to ozone because their lungs are still developing and they are more likely to be active outdoors when ozone levels are high, which increases their exposure.[11] According to CARB, studies show that children are no more or less likely to suffer harmful effects than adults; however, children and teens may be more susceptible to ozone and other pollutants because they spend nearly twice as much time outdoors and engaged in vigorous activities compared to adults.[12] Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults and are less likely than adults to notice their own symptoms and avoid harmful exposures.[13] Further research may be able to better distinguish between health effects in children and adults.[14]

**Volatile Organic Compounds (VOCs):** VOCs are organic chemical compounds of carbon and are not "criteria" pollutants themselves; however, they contribute with $NO_X$ to form ozone, and are regulated to prevent the formation of ozone.[15] According to CARB, some VOCs are highly reactive and play a critical role in the formation of ozone, other VOCs have adverse health effects, and in some cases, VOCs can be both highly reactive and have adverse health effects.[16] VOCs are typically formed from combustion of fuels and/or released through evaporation of organic liquids, internal combustion associated with motor vehicle usage, and consumer products (e.g., architectural coatings, etc.).[17]

**Nitrogen Dioxide ($NO_2$) and Nitrogen Oxides ($NO_X$):** $NO_X$ is a term that refers to a group of compounds containing nitrogen and oxygen. The primary compounds of air quality concern include nitrogen dioxide ($NO_2$) and nitric oxide (NO). Ambient air quality standards have been promulgated for $NO_2$, which is a reddish-brown, reactive gas.[18] The principle form of $NO_X$

7 USEPA, Health Effects of Ozone Pollution.
8 USEPA, Health Effects of Ozone Pollution.
9 California Air Resources Board (CARB), Ozone & Health, Health Effects of Ozone, https://ww2.arb.ca.gov/resources/ozone-and-health. Accessed March 2019.
10 USEPA, Health Effects of Ozone Pollution.
11 USEPA, Health Effects of Ozone Pollution.
12 CARB, Ozone & Health, Health Effects of Ozone.
13 CARB, Ozone & Health, Health Effects of Ozone.
14 CARB, Ozone & Health, Health Effects of Ozone.
15 USEPA, Technical Overview of Volatile Organic Compounds, https://www.epa.gov/indoor-air-quality-iaq/technical-overview-volatile-organic-compounds, last updated April 12, 2017. Accessed March 2019.
16 CARB, Toxic Air Contaminants Monitoring, Volatile Organic Compounds, https://www.arb.ca.gov/aaqm/toxics.htm, last reviewed June 9, 2016. Accessed March 2019.
17 CARB, Toxic Air Contaminants Monitoring, Volatile Organic Compounds.
18 CARB, Nitrogen Dioxide & Health, https://ww2.arb.ca.gov/resources/nitrogen-dioxide-and-health. Accessed March 2019.

produced by combustion is NO, but NO reacts quickly in the atmosphere to form $NO_2$, creating the mixture of NO and $NO_2$ referred to as $NO_X$.[19] Major sources of $NO_X$ include emissions from cars, trucks and buses, power plants, and off-road equipment.[20] The terms $NO_X$ and $NO_2$ are sometimes used interchangeably. However, the term $NO_X$ is typically used when discussing emissions, usually from combustion-related activities, and the term $NO_2$ is typically used when discussing ambient air quality standards. Where $NO_X$ emissions are discussed in the context of the thresholds of significance or impact analyses, the discussions are based on the conservative assumption that all $NO_X$ emissions would oxidize in the atmosphere to form $NO_2$. According to the USEPA, short-term exposures to $NO_2$ can potentially aggravate respiratory diseases, particularly asthma, leading to respiratory symptoms (such as coughing, wheezing or difficulty breathing), hospital admissions and visits to emergency rooms while longer exposures to elevated concentrations of $NO_2$ may contribute to the development of asthma and potentially increase susceptibility to respiratory infections.[21] According to CARB, controlled human exposure studies that show that $NO_2$ exposure can intensify responses to allergens in allergic asthmatics.[22] In addition, a number of epidemiological studies have demonstrated associations between $NO_2$ exposure and premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses.[23] Infants and children are particularly at risk from exposure to $NO_2$ because they have disproportionately higher exposure to $NO_2$ than adults due to their greater breathing rate for their body weight and their typically greater outdoor exposure duration while in adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease.[24] CARB states that much of the information on distribution in air, human exposure and dose, and health effects is specifically for $NO_2$ and there is only limited information for NO and $NO_X$, as well as large uncertainty in relating health effects to NO or $NO_X$ exposure.[25]

**Carbon Monoxide (CO):** Carbon monoxide (CO) is primarily emitted from combustion processes and motor vehicles due to the incomplete combustion of fuel, such as natural gas, gasoline, or wood, with the majority of outdoor CO emissions from mobile sources.[26] According to the USEPA, breathing air with a high concentration of CO reduces the amount of oxygen that can be transported in the blood stream to critical organs like the heart and brain and at very high levels, which are possible indoors or in other enclosed environments, CO can cause dizziness, confusion, unconsciousness and death.[27] Very high levels of CO are not likely to occur outdoors; however, when CO levels are elevated outdoors, they can be of particular concern for people with some types of heart disease since these people already have a reduced ability for getting

19 CARB, Nitrogen Dioxide & Health.

20 USEPA, Nitrogen Dioxide ($NO_2$) Pollution, https://www.epa.gov/no2-pollution/basic-information-about-no2, last updated September 8, 2016. Accessed March 2019.

21 USEPA, Nitrogen Dioxide ($NO_2$) Pollution.

22 CARB, Nitrogen Dioxide & Health.

23 CARB, Nitrogen Dioxide & Health.

24 CARB, Nitrogen Dioxide & Health.

25 CARB, Nitrogen Dioxide & Health.

26 CARB, Carbon Monoxide & Health, https://ww2.arb.ca.gov/resources/carbon-monoxide-and-health. Accessed March 2019.

27 USEPA, Carbon Monoxide (CO) Pollution in Outdoor Air, https://www.epa.gov/co-pollution/basic-information-about-carbon-monoxide-co-outdoor-air-pollution, last updated September 8, 2016. Accessed March 2019.

oxygenated blood to their hearts and are especially vulnerable to the effects of CO when exercising or under increased stress.[28] In these situations, short-term exposure to elevated CO may result in reduced oxygen to the heart accompanied by chest pain also known as angina.[29] According to CARB, the most common effects of CO exposure are fatigue, headaches, confusion, and dizziness due to inadequate oxygen delivery to the brain.[30] For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress; inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance.[31] Unborn babies, infants, elderly people, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO.[32]

**Sulfur Dioxide ($SO_2$):** According to the USEPA, the largest source of sulfur dioxide ($SO_2$) emissions in the atmosphere is the burning of fossil fuels by power plants and other industrial facilities while smaller sources of $SO_2$ emissions include industrial processes such as extracting metal from ore; natural sources such as volcanoes; and locomotives, ships and other vehicles and heavy equipment that burn fuel with a high sulfur content.[33] In 2006, California phased-in the ultra-low-sulfur diesel regulation limiting vehicle diesel fuel to a sulfur content not exceeding 15 parts per million, down from the previous requirement of 500 parts per million, substantially reducing emissions of sulfur from diesel combustion.[34] According to the USEPA, short-term exposures to $SO_2$ can harm the human respiratory system and make breathing difficult.[35] According to CARB, health effects at levels near the State one-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing, shortness of breath and chest tightness, especially during exercise or physical activity and exposure at elevated levels of $SO_2$ (above 1 part per million (ppm)) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of mortality.[36] Children, the elderly, and those with asthma, cardiovascular disease, or chronic lung disease (such as bronchitis or emphysema) are most likely to experience the adverse effects of $SO_2$.[37,38]

28 USEPA, Carbon Monoxide (CO) Pollution in Outdoor Air
29 USEPA, Carbon Monoxide (CO) Pollution in Outdoor Air
30 CARB, Carbon Monoxide & Health.
31 CARB, Carbon Monoxide & Health.
32 CARB, Carbon Monoxide & Health.
33 USEPA, Sulfur Dioxide ($SO_2$) Pollution, https://www.epa.gov/so2-pollution/sulfur-dioxide-basics, last updated June 28, 2018. Accessed March 2019.
34 CARB, Final Regulation Order, Amendments to the California Diesel Fuel Regulations, Amend Section 2281, Title 13, California Code of Regulations, https://www.arb.ca.gov/regact/ulsd2003/fro2.pdf, approved July 15, 2004. Accessed March 2019.
35 USEPA, Sulfur Dioxide ($SO_2$) Pollution.
36 CARB, Sulfur Dioxide & Health, https://ww2.arb.ca.gov/resources/sulfur-dioxide-and-health. Accessed March 2019.
37 CARB, Sulfur Dioxide & Health.
38 USEPA, Sulfur Dioxide ($SO_2$) Pollution.

**Particulate Matter (PM10 and PM2.5):** Particulate matter air pollution is a mixture of solid particles and liquid droplets found in the air.[39] Some particles, such as dust, dirt, soot, or smoke, are large or dark enough to be seen with the naked eye while other particles are so small they can only be detected using an electron microscope.[40] Particles are defined by their diameter for air quality regulatory purposes: inhalable particles with diameters that are generally 10 micrometers and smaller (PM10); and fine inhalable particles with diameters that are generally 2.5 micrometers and smaller (PM2.5).[41] Thus, PM2.5 comprises a portion or a subset of PM10. Sources of PM10 emissions include dust from construction sites, landfills and agriculture, wildfires and brush/waste burning, industrial sources, and wind-blown dust from open lands.[42] Sources of PM2.5 emissions include combustion of gasoline, oil, diesel fuel, or wood.[43] PM10 and PM2.5 may be either directly emitted from sources (primary particles) or formed in the atmosphere through chemical reactions of gases (secondary particles) such as $SO_2$, $NO_X$, and certain organic compounds.[44] According to CARB, both PM10 and PM2.5 can be inhaled, with some depositing throughout the airways; $PM_{10}$ is more likely to deposit on the surfaces of the larger airways of the upper region of the lung while PM2.5 is more likely to travel into and deposit on the surface of the deeper parts of the lung, which can induce tissue damage, and lung inflammation.[45] Short-term (up to 24 hours duration) exposure to PM10 has been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency department visits.[46] The effects of long-term (months or years) exposure to PM10 are less clear, although studies suggest a link between long-term PM10 exposure and respiratory mortality. The International Agency for Research on Cancer published a review in 2015 that concluded that particulate matter in outdoor air pollution causes lung cancer.[47] Short-term exposure to PM2.5 has been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days and long-term exposure to PM2.5 has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children.[48] According to CARB, populations most likely to experience adverse health effects with exposure to PM10 and PM2.5 include older adults with chronic heart or lung disease, children, and asthmatics and children and infants are more susceptible to harm from inhaling pollutants such as PM10 and PM2.5 compared to healthy adults because they inhale more air per pound of body weight than do adults, spend more time outdoors, and have developing immune systems.[49]

39 USEPA, Particulate Matter (PM) Pollution, https://www.epa.gov/pm-pollution/particulate-matter-pm-basics, last updated November 14, 2018. Accessed March 2019.

40 USEPA, Particulate Matter (PM) Pollution.

41 USEPA, Particulate Matter (PM) Pollution.

42 CARB, Inhalable Particulate Matter and Health (PM2.5 and PM10), https://www.arb.ca.gov/research/aaqs/common-pollutants/pm/pm.htm, last reviewed August 10, 2017. Accessed March 2019.

43 CARB, Inhalable Particulate Matter and Health (PM2.5 and PM10).

44 CARB, Inhalable Particulate Matter and Health (PM2.5 and PM10).

45 CARB, Inhalable Particulate Matter and Health (PM2.5 and PM10).

46 CARB, Inhalable Particulate Matter and Health (PM2.5 and PM10).

47 CARB, Inhalable Particulate Matter and Health (PM2.5 and PM10).

48 CARB, Inhalable Particulate Matter and Health (PM2.5 and PM10).

49 CARB, Inhalable Particulate Matter and Health (PM2.5 and PM10).

**Lead (Pb):** Major sources of lead emissions include ore and metals processing, piston-engine aircraft operating on leaded aviation fuel, waste incinerators, utilities, and lead-acid battery manufacturers.[50] In the past, leaded gasoline was a major source of lead emissions; however, the removal of lead from gasoline has resulted in a decrease of lead in the air by 98 percent between 1980 and 2014.[51] Lead can adversely affect the nervous system, kidney function, immune system, reproductive and developmental systems and the cardiovascular system, and affects the oxygen carrying capacity of blood.[52] The lead effects most commonly encountered in current populations are neurological effects in children, such as behavioral problems and reduced intelligence, anemia, and liver or kidney damage.[53] Excessive lead exposure in adults can cause reproductive problems in men and women, high blood pressure, kidney disease, digestive problems, nerve disorders, memory and concentration problems, and muscle and joint pain.[54]

## Other Criteria Pollutants (California Only)

The California Ambient Air Quality Standards (CAAQS) regulate the same criteria pollutants as the NAAQS but in addition, regulate State-identified criteria pollutants, including sulfates, hydrogen sulfide, visibility-reducing particles, and vinyl chloride.[55] With respect to the State-identified criteria pollutants (i.e., sulfates, hydrogen sulfide, visibility reducing particles, and vinyl chloride), the Project would either not emit them (i.e., hydrogen sulfide and vinyl chloride), or they would be accounted for as part of the pollutants estimated in this analysis (i.e., sulfates and visibility reducing particles). For example, visibility reducing particles are associated with particulate matter emissions and sulfates are associated with $SO_X$ emissions. Both particulate matter and $SO_X$ are included in the emissions estimates for the Project. A description of the health effects of the State-identified criteria air pollutants is provided below.

**Sulfates ($SO_4^{2-}$):** Sulfates in the environment occur as a result of $SO_2$ (sulfur dioxide) being converted to $SO_4^{2-}$ compounds in the atmosphere where sulfur is first oxidized to $SO_2$ during the combustion process of sulfur containing, petroleum-derived fuels (e.g., gasoline and diesel fuel).[56] Exposure to $SO_4^{2-}$, which are part of PM2.5, results in health effects similar to those from exposure to PM2.5 including reduced lung function, aggravated asthmatic symptoms, and increased risk of emergency department visits, hospitalizations, and death in people who have chronic heart or lung diseases.[57] Population groups with higher risks of experiencing adverse health effects with exposure to $SO_4^{2-}$ include children, asthmatics, and older adults who have chronic heart or lung diseases.[58]

50 USEPA, Lead Air Pollution, https://www.epa.gov/lead-air-pollution/basic-information-about-lead-air-pollution, last updated November 29, 2017. Accessed March 2019.
51 USEPA, Lead Air Pollution.
52 USEPA, Lead Air Pollution.
53 CARB, Lead & Health, https://ww2.arb.ca.gov/resources/lead-and-health. Accessed March 2019.
54 CARB, Lead & Health.
55 CARB, Vinyl Chloride, 2009, https://www.arb.ca.gov/research/aaqs/caaqs/vc/vc.htm. Accessed March 2019.
56 CARB, Sulfate & Health, https://ww2.arb.ca.gov/resources/sulfate-and-health. Accessed March 2019.
57 CARB, Sulfate & Health.
58 CARB, Sulfate & Health.

**Hydrogen Sulfide ($H_2S$)**: $H_2S$ is a colorless gas with a strong odor of rotten eggs. The most common sources of $H_2S$ emissions are oil and natural gas extraction and processing, and natural emissions from geothermal fields. Industrial sources of $H_2S$ include petrochemical plants and kraft paper mills. $H_2S$ is also formed during bacterial decomposition of human and animal wastes, and is present in emissions from sewage treatment facilities and landfills.[59] Exposure to $H_2S$ can induce tearing of the eyes and symptoms related to overstimulation of the sense of smell, including headache, nausea, or vomiting; additional health effects of eye irritation have only been reported with exposures greater than 50 ppm, which is considerably higher than the odor threshold.[60] $H_2S$ is regulated as a nuisance based on its odor detection level; if the standard were based on adverse health effects, it would be set at a much higher level.[61] According to CARB, there are insufficient data available to determine whether or not some groups are at greater risk than others.[62]

**Visibility-Reducing Particles:** Visibility-reducing particles come from a variety of natural and manmade sources and can vary greatly in shape, size and chemical composition. Visibility reduction is caused by the absorption and scattering of light by the particles in the atmosphere before it reaches the observer. Certain visibility-reducing particles are directly emitted to the air such as windblown dust and soot, while others are formed in the atmosphere through chemical transformations of gaseous pollutants (e.g., sulfates, nitrates, organic carbon particles) which are the major constituents of particulate matter. As the number of visibility reducing particles increases, more light is absorbed and scattered, resulting in less clarity, color, and visual range.[63] Exposure to some haze-causing pollutants have been linked to adverse health impacts similar to PM10 and PM2.5 as discussed above.[64]

**Vinyl Chloride:** Vinyl chloride is a colorless gas with a mild, sweet odor. Most vinyl chloride is used to make polyvinyl chloride (PVC) plastic and vinyl products and are generally emitted from industrial processes and other major sources of vinyl chloride have been detected near landfills, sewage plants, and hazardous waste sites, due to microbial breakdown of chlorinated solvents.[65] Short-term health of effects of exposure to high levels of vinyl chloride in the air include central nervous system effects, such as dizziness, drowsiness, and headaches while long-term exposure to vinyl chloride through inhalation and oral exposure causes liver damage and has been shown to increase the risk of angiosarcoma, a rare form of liver cancer in humans.[66] Most health data on vinyl chloride relate to carcinogenicity; thus, the people most at risk are those who have long-term exposure to elevated levels, which is more likely to occur in occupational or industrial

59 CARB, Hydrogen Sulfide & Health, https://ww2.arb.ca.gov/resources/hydrogen-sulfide-and-health. Accessed March 2019.

60 CARB, Hydrogen Sulfide & Health.

61 CARB, Hydrogen Sulfide & Health.

62 CARB, Hydrogen Sulfide & Health.

63 CARB, Visibility-Reducing Particles and Health, last reviewed October 11, 2016, https://www.arb.ca.gov/research/aaqs/common-pollutants/vrp/vrp.htm. Accessed March 2019.

64 CARB, Visibility-Reducing Particles and Health.

65 CARB, Vinyl Chloride & Health, https://ww2.arb.ca.gov/resources/vinyl-chloride-and-health. Accessed March 2019.

66 CARB, Vinyl Chloride & Health.

settings; however, control methodologies applied to industrial facilities generally prevent emissions to the ambient air.[67]

## Toxic Air Contaminants (TACs)

In addition to criteria pollutants, the SCAQMD periodically assesses levels of toxic air contaminants (TACs) in the Air Basin. A TAC is defined by California Health and Safety Code Section 39655:

> *"Toxic air contaminant" means an air pollutant which may cause or contribute to an increase in mortality or in serious illness, or which may pose a present or potential hazard to human health. A substance that is listed as a hazardous air pollutant pursuant to subsection (b) of Section 112 of the federal act (42 U.S.C. Sec. 7412(b)) is a toxic air contaminant.*

Diesel particulate matter, which is emitted in the exhaust from diesel engines, was listed by the State as a toxic air contaminant in 1998. Most major sources of diesel emissions, such as ships, trains, and trucks operate in and around ports, railyards, and heavily traveled roadways. These areas are often located near highly populated areas resulting in greater health consequences for urban areas than rural areas.[68] Diesel particulate matter has historically been used as a surrogate measure of exposure for all diesel exhaust emissions. Diesel particulate matter consists of fine particles (fine particles have a diameter <2.5 μm), including a subgroup of ultrafine particles (ultrafine particles have a diameter <0.1 μm). Collectively, these particles have a large surface area which makes them an excellent medium for absorbing organics. The visible emissions in diesel exhaust include carbon particles or "soot." Diesel exhaust also contains a variety of harmful gases and cancer-causing substances.

Exposure to diesel particulate matter may be a health hazard, particularly to children whose lungs are still developing and the elderly who may have other serious health problems. Diesel particulate matter levels and resultant potential health effects may be higher in proximity to heavily traveled roadways with substantial truck traffic or near industrial facilities. According to CARB, diesel particulate matter exposure may lead to the following adverse health effects: (1) Aggravated asthma; (2) Chronic bronchitis; (3) Increased respiratory and cardiovascular hospitalizations; (4) Decreased lung function in children; (5) Lung cancer; and (6) Premature deaths for people with heart or lung disease.[69,70]

Between July 2012 and June 2013, the SCAQMD conducted the Multiple Air Toxics Exposure Study (MATES IV), which is a follow-up to previous air toxics studies conducted in the Air Basin. The MATES IV Final Report was issued in May 2015. The study, based on actual

67 CARB, Vinyl Chloride & Health.

68 CARB, Overview: Diesel Exhaust and Health, https://www.arb.ca.gov/research/diesel/diesel-health.htm. Accessed March 2019.

69 CARB, Diesel and Health Research, http://www.arb.ca.gov/research/diesel/diesel-health.htm. Accessed March 2019.

70 CARB, Diesel Particulate Matter Health Risk Assessment Study for the West Oakland Community: Preliminary Summary of Results, (2008), http://www.arb.ca.gov/ch/communities/ra/westoakland/documents/factsheet0308.pdf. Accessed March 2019.

monitored data throughout the Air Basin, consisted of several elements. These included a monitoring program, an updated emissions inventory of TACs, and a modeling effort to characterize carcinogenic risk across the Air Basin from exposure to TACs. The study concluded that the average of the modeled air toxics concentrations measured at each of the monitoring stations in the Air Basin equates to a background cancer risk from long-term inhalation exposure to TAC emissions of approximately 418 in one million based on the average of 10 fixed monitoring sites and 367 in one million based on a population-weighted average risk. The overall cancer risk was about 65 percent lower for the average of 10 fixed monitoring sites and 57 percent lower for the population-weighted risk than the previous MATES III cancer risks.[71]

Subsequent to the SCAQMD's risk calculations estimates performed for MATES IV, the Office of Environmental Health Hazard Assessment (OEHHA) updated its methods for estimating cancer risks, which utilizes higher estimates of cancer potency during early life exposures and uses different assumptions for breathing rates and length of residential exposures.[72] In March 2015, the Office of Environmental Health Hazard Assessment (OEHHA) adopted an updated guidance manual that incorporates advances in risk assessment with consideration of increased cancer potency for infants and children using Age Sensitivity Factors (ASF). The updated guidance manual also uses different assumptions for breathing rates and length of residential exposures. SCAQMD staff estimates that risks for the same long-term inhalation exposure level would be about 2.5 to 2.7 times higher using the updated methods, which would cause the average lifetime air toxics risk estimated from the monitoring sites data to change from 418 in one million to 1,023 in one million for the average of 10 fixed monitoring sites and from 367 in one million to 897 in one million for the population-weighted risk.[73] Under the updated OEHHA methodology, the relative reduction in the overall cancer risk from the MATES IV results compared to MATES III would be the same (about 65 percent and 57 percent reduction in risk, respectively).

Approximately 68 percent of the risk is attributed to diesel particulate matter (DPM) emissions, approximately 22 percent to other toxics associated with mobile sources (including benzene, butadiene, and formaldehyde), and approximately 10 percent of all airborne carcinogenic risk is attributed to stationary sources (which include industries and certain other businesses, such as dry cleaners and chrome plating operations).[74] The study also found lower ambient concentrations of most of the measured air toxics compared to the levels measured in the previous study conducted during 2004 and 2006. Specifically, benzene and 1,3-butadiene, pollutants generated mainly from vehicles, were down 35 percent and 11 percent, respectively.[75] The reductions were attributed to air quality control regulations and improved emission control technologies. In addition to air toxics, MATES IV included continuous measurements of black carbon and ultrafine particles

71 South Coast Air Quality Management District (SCAQMD), Final Report – Multiple Air Toxics Exposure Study in the South Coast Air Basin, (2015) ES-2-3, http://www.aqmd.gov/docs/default-source/air-quality/air-toxic-studies/mates-iv/mates-iv-final-draft-report-4-1-15.pdf?sfvrsn=7. Accessed March 2019.

72 California Environmental Protection Agency, Office of Health Hazard Assessment, Air Toxics Hot Spots Program, Guidance Manual for Preparation of Health Risk Assessments, 2015, http://oehha.ca.gov/air/crnr/notice-adoption-air-toxics-hot-spots-program-guidance-manual-preparation-health-risk-0. Accessed March 2019.

73 SCAQMD, Final Report – Multiple Air Toxics Exposure Study in the South Coast Air Basin, page 2-11.

74 SCAQMD, Final Report – Multiple Air Toxics Exposure Study in the South Coast Air Basin, page ES-2.

75 SCAQMD, Final Report – Multiple Air Toxics Exposure Study in the South Coast Air Basin, page 6-1.

(particles smaller than 0.1 microns in size), which are emitted by the combustion of diesel fuels. Sampling sites located near heavily-trafficked freeways or near industrial areas were characterized by higher levels of black carbon and ultrafine particles compared to more rural sites.

The SCAQMD has prepared a series of maps that show regional trends in estimated outdoor inhalation cancer risk from toxic emissions, as part of an ongoing effort to provide insight into relative risks. The maps represent the estimated number of potential cancers per million people associated with a lifetime of breathing air toxics (24 hours per day outdoors for 70 years). The background potential cancer risk per million people in the Project Site area using the updated OEHHA methodology is estimated at 955.21 in one million (compared to an overall Air Basin-wide risk of 1,023 in one million for the average of 10 fixed monitoring sites).[76] Generally, the risk from air toxics is lower near the coastline and increases inland, with higher risks concentrated near large diesel sources (e.g., freeways, airports, and ports).

## Local Air Quality

The SCAQMD maintains a network of air quality monitoring stations located throughout the Air Basin to measure ambient pollutant concentrations. The Project Site is located in SCAQMD Source Receptor Area (SRA) 2; therefore, the monitoring station most representative of the Project Site is the Northwest Coastal LA County Monitoring Station. Criteria pollutants monitored at this station include ozone, $NO_2$, and CO. The Southwest Coastal LA County Monitoring Station was used to report data for $SO_2$, lead, and PM10. The Central LA station was used for PM2.5 monitoring data. Air quality monitoring data available from the SCAQMD for these monitoring stations are summarized in **Table 2,** *Ambient Air Quality Data*.

**TABLE 2**
**AMBIENT AIR QUALITY DATA**

| Pollutant/Standard | 2016 | 2017 | 2018 | 2019 |
|---|---|---|---|---|
| **$O_3$ (1-hour)** | | | | |
| Maximum Concentration (ppm) | 0.085 | 0.099 | 0.098 | 0.086 |
| Days > CAAQS (0.09 ppm) | 0 | 1 | 0 | 0 |
| **$O_3$ (8-hour)** | | | | |
| Maximum Concentration (ppm) | 0.073 | 0.077 | 0.073 | 0.075 |
| 4th High 8-hour Concentration (ppm) | 0.066 | 0.069 | 0.068 | 0.064 |
| Days > CAAQS (0.070 ppm) | 2 | 3 | 2 | 1 |
| Days > NAAQS (0.075 ppm) | 0 | 0 | 0 | 0 |
| **$NO_2$ (1-hour)** | | | | |
| Maximum Concentration (ppm) | 0.055 | 0.056 | 0.065 | 0.049 |
| 98th Percentile Concentration (ppm) | 0.049 | 0.046 | 0.046 | 0.043 |
| **$NO_2$ (Annual)** | | | | |
| Annual Arithmetic Mean (0.030 ppm) | 0.012 | 0.010 | 0.013 | 0.010 |

[76] South Coast Air Quality Management District, Multiple Air Toxics Exposure Study, MATES IV Carcinogenic Risk Interactive Map.

| Pollutant/Standard | 2016 | 2017 | 2018 | 2019 |
|---|---|---|---|---|
| **CO (1-hour)** | | | | |
| Maximum Concentration (ppm) | 2.2 | 2.0 | 1.6 | 1.9 |
| **CO (8-hour)** | | | | |
| Maximum Concentration (ppm) | 1.1 | 1.2 | 1.3 | 1.2 |
| **$SO_2$ (1-hour)** | | | | |
| Maximum Concentration (ppm) | 0.010 | 0.010 | 0.012 | 0.008 |
| 99th Percentile Concentration (ppm) | 0.006 | 0.07 | 0.005 | 0.004 |
| **$SO_2$ (24-hour)** | | | | |
| Maximum Concentration (ppm) | -- | -- | -- | -- |
| **PM10 (24-hour)** | | | | |
| Maximum Concentration (µg/m$^3$) | 43 | 46 | 45 | 62 |
| Samples > CAAQS (50 µg/m$^3$) | 0 | 0 | 0 | 2 |
| Samples > NAAQS (150 µg/m$^3$) | 0 | 0 | 0 | 0 |
| **PM10 (Annual Average)** | | | | |
| Annual Arithmetic Mean (20 µg/m$^3$) | 21.6 | 19.8 | 20.5 | 19.2 |
| **PM2.5 (24-hour)** | | | | |
| Maximum Concentration (µg/m$^3$) | 44.4 | 49.2 | 43.8 | 43.5 |
| 98th Percentile Concentration (µg/m$^3$) | 27.3 | 27.8 | 30.5 | 28.3 |
| Samples > NAAQS (35 µg/m$^3$) | 2 | 5 | 3 | 1 |
| **PM2.5 (Annual)** | | | | |
| Annual Arithmetic Mean (12 µg/m$^3$) | 11.8 | 11.94 | 12.58 | 10.85 |
| **Lead** | | | | |
| Maximum 30-day average (µg/m$^3$) | 0.006 | 0.00 | 0.004 | 0.004 |

[a] ppm = parts per million; µg/m$^3$ = micrograms per cubic meter

[b] The monitoring station most representative of the Project Site is Station number 91 in Northwest Costal LA County, which is used to establish ambient ozone, $NO_2$, and CO, levels. Since data for $SO_2$, lead, PM10 and PM2.5 are not monitored at this station, the Station in Southwest Coastal LA County was used to report data for $SO_2$, lead, and PM10 and the Central LA Station was used to report data for PM2.5 The most recent data available from SCAQMD for these monitoring stations are from years 2016 to 2019.

[c] CAAQS are based on a not to exceed standard. NAAQS are based on a 3-year average of the annual 4th highest daily maximum 8-hour concentration for ozone; 98th percentile of 1-hour daily maximum concentrations averaged over 3 years for 1-hr $NO_2$; and not to be exceeded more than once per year on average over 3 years for 24-hr PM.

[d] State annual average (AAM) PM10 standard is > 20 µg/m$^3$. Federal annual PM10 standard (AAM > 50 µg/m3) was revoked in 2006.

[e] Both Federal and State standards are annual average (AAM) > 12.0 µg/m$^3$.

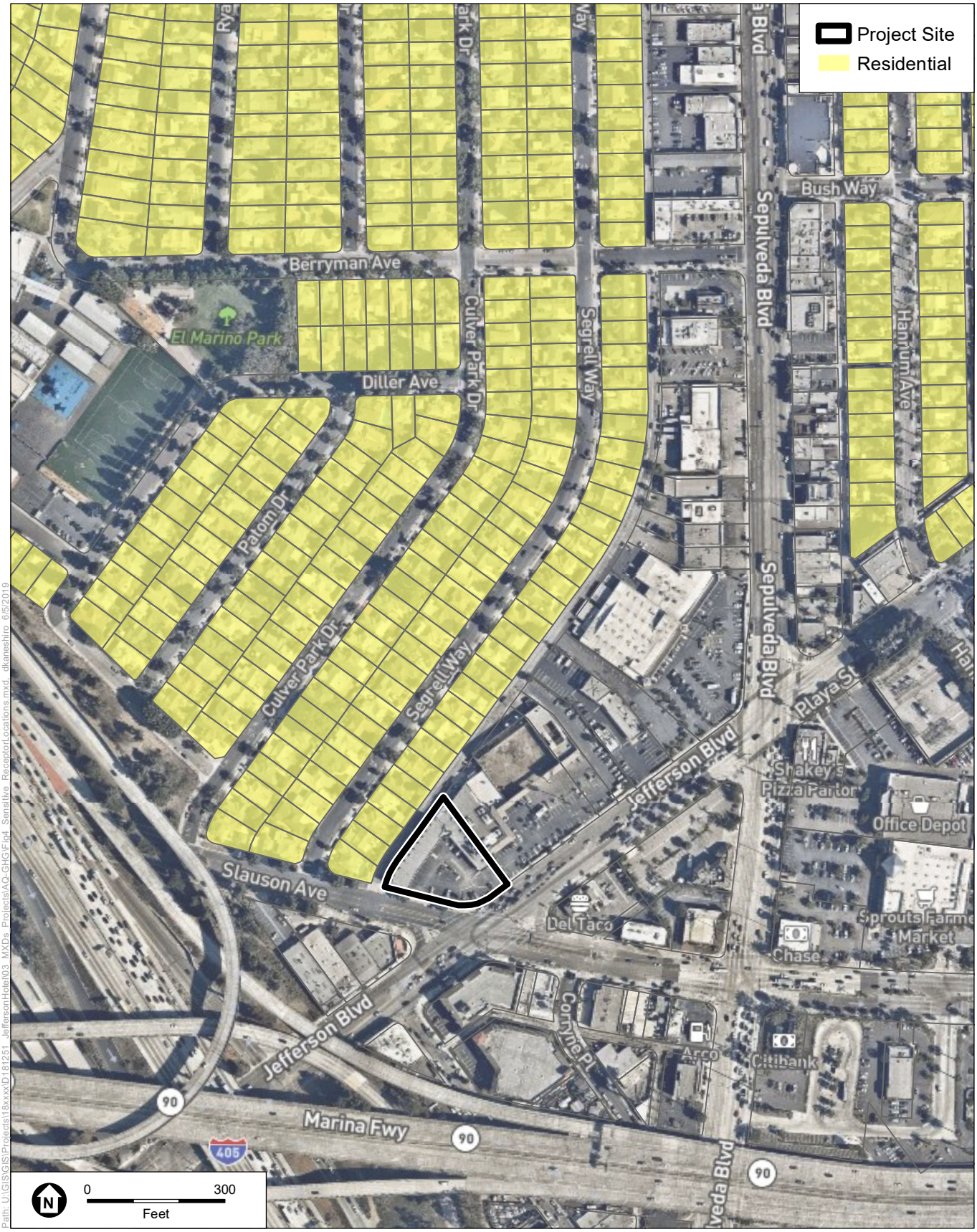
SOURCE: SCAQMD, Historical Data by Year, www.aqmd.gov/home/air-quality/air-quality-data-studies/historical-data-by-year; USEPA, AirData, www.epa.gov/airdata/ad_rep_mon.html. Accessed October 1, 2020.

## 1.7 Sensitive Receptors

Certain population groups, such as children, elderly, and acutely and chronically ill persons (especially those with cardio-respiratory diseases), are considered more sensitive to the potential effects of air pollution than others. Sensitive land uses within 500 feet of the Project Site are shown in **Figure 4**, *Sensitive Receptor Locations Nearest to the Project Site*, and include the following:

- Residential Uses: Existing one- and two-story single-family residences are located across the service alley to the north and west of the Project Site.

All other air quality sensitive receptors are located at greater distances from the Project Site, and would be less impacted by Project emissions. Impacts are quantified for the sensitive receptors listed here.




SOURCE: Open Street Map, 2019.

The Jeff Hotel

**Figure 4**
Sensitive Receptor Locations Nearest to Project Site

ESA

# SECTION 2
# Regulatory Framework

A number of statutes, regulations, plans and policies have been adopted which address air quality concerns. The Project Site and vicinity is subject to air quality regulations developed and implemented at the federal, State, and local levels. At the federal level, the USEPA is responsible for implementation of the federal Clean Air Act (CAA). Some portions of the CAA (e.g., certain mobile source requirements and other requirements) are implemented directly by the USEPA. Other portions of the CAA (e.g., stationary source requirements) are implemented through delegation of authority to State and local agencies. A number of plans and policies have been adopted by various agencies that address air quality concerns. Those plans and policies that are relevant to the Project are discussed below.

## 2.1 Federal

The federal CAA was enacted in 1955 and has been amended numerous times in subsequent years, with the most recent amendments occurring in 1990.[77] The CAA is the comprehensive federal law that regulates air emissions in order to protect public health and welfare.[78] The USEPA is responsible for the implementation and enforcement of the CAA, which establishes federal National Ambient Air Quality Standards (NAAQS), specifies future dates for achieving compliance, and requires USEPA to designate areas as attainment, nonattainment, or maintenance. The CAA also mandates that each state submit and implement a State Implementation Plan (SIP) for each criteria pollutant for which the state has not achieved the applicable NAAQS. The SIP includes pollution control measures that demonstrate how the standards for those pollutants will be met. The sections of the CAA most applicable to the Project include Title I (Nonattainment Provisions) and Title II (Mobile Source Provisions).[79,80]

Title I requirements are implemented for the purpose of attaining NAAQS for criteria air pollutants. The NAAQS were amended in July 1997 to include an 8-hour standard for ozone and to adopt a NAAQS for PM2.5. The NAAQS were also amended in September 2006 to include an established methodology for calculating PM2.5, as well to revoke the annual PM10 threshold. **Table 3**, *Ambient Air Quality Standards*, shows the NAAQS currently in effect for each criteria

[77] 42 United States Code §7401 et seq. (1970).

[78] Summary of the Clean Air Act, https://www.epa.gov/laws-regulations/summary-clean-air-act.

[79] U.S. Environmental Protection Agency, Clean Air Act Overview, Clean Air Act Table of Contents by Title, Last Updated January 3, 2017, https://www.epa.gov/clean-air-act-overview/clean-air-act-text. Accessed October 2018. As shown therein, Title I addresses nonattainment areas and Title II addresses mobile sources.

[80] Mobile sources include on-road vehicles (e.g. cars, buses, motorcycles) and non-road vehicles e.g. aircraft, trains, construction equipment). Stationary sources are comprised of both point and area sources. Point sources are stationary facilities that emit large amount of pollutants (e.g. municipal waste incinerators, power plants). Area sources are smaller stationary sources that alone are not large emitters, but combined can account for large amounts of pollutants (e.g. consumer products, residential heating, dry cleaners).

pollutant. The NAAQS and the CAAQS for the California criteria air pollutants (discussed below) have been set at levels considered safe to protect public health, including the health of sensitive populations such as asthmatics, children, and the elderly with a margin of safety; and to protect public welfare, including against decreased visibility and damage to animals, crops, vegetation, and buildings.[81]In addition to criteria pollutants, Title I also includes air toxics provisions which require USEPA to develop and enforce regulations to protect the public from exposure to airborne contaminants that are known to be hazardous to human health. In accordance with Section 112, USEPA establishes National Emission Standards for Hazardous Air Pollutants (NESHAPs). The list of hazardous air pollutants (HAPs), or air toxics, includes specific compounds that are known or suspected to cause cancer or other serious health effects.

Title II requirements pertain to mobile sources, such as cars, trucks, buses, and planes. Reformulated gasoline, automobile pollution control devices, and vapor recovery nozzles on gas pumps are a few of the mechanisms the USEPA uses to regulate mobile air emission sources. The provisions of Title II have resulted in tailpipe emission standards for vehicles, which have been strengthened in recent years to improve air quality. For example, the standards for $NO_X$ emissions have been lowered substantially, and the specification requirements for cleaner burning gasoline are more stringent.

**TABLE 3**
**AMBIENT AIR QUALITY STANDARDS**

| Pollutant | Average Time | California Standards[a] | | National Standards[b] | | |
|---|---|---|---|---|---|---|
| | | Concentration[c] | Method[d] | Primary[c,e] | Secondary [c,f] | Method[g] |
| $O_3$[h] | 1 Hour | 0.09 ppm (180 µg/m$^3$) | Ultraviolet Photometry | — | Same as Primary Standard | Ultraviolet Photometry |
| | 8 Hour | 0.070 ppm (137 µg/m$^3$) | | 0.070 ppm (137 µg/m$^3$) | | |
| $NO_2$[i] | 1 Hour | 0.18 ppm (339 µg/m$^3$) | Gas Phase Chemi-luminescence | 100 ppb (188 µg/m$^3$) | None | Gas Phase Chemi-luminescence |
| | Annual Arithmetic Mean | 0.030 ppm (57 µg/m$^3$) | | 53 ppb (100 µg/m$^3$) | Same as Primary Standard | |
| CO | 1 Hour | 20 ppm (23 mg/m$^3$) | Non-Dispersive Infrared Photometry (NDIR) | 35 ppm (40 mg/m$^3$) | None | Non-Dispersive Infrared Photometry (NDIR) |
| | 8 Hour | 9.0 ppm (10mg/m$^3$) | | 9 ppm (10 mg/m$^3$) | | |
| | 8 Hour (Lake Tahoe) | 6 ppm (7 mg/m$^3$) | | — | — | |
| $SO_2$[j] | 1 Hour | 0.25 ppm (655 µg/m$^3$) | Ultraviolet Fluorescence | 75 ppb (196 µg/m$^3$) | — | Ultraviolet Fluorescence; Spectrophotometry (Pararosaniline Method)9 |
| | 3 Hour | — | | — | 0.5 ppm (1300 µg/m$^3$) | |

81 USEPA, NAAQS Table, https://www.epa.gov/criteria-air-pollutants/naaqs-table. Accessed March 2019.

| Pollutant | Average Time | California Standards[a] | | National Standards[b] | | |
|---|---|---|---|---|---|---|
| | | Concentration[c] | Method[d] | Primary[c,e] | Secondary [c,f] | Method[g] |
| | 24 Hour | 0.04 ppm (105 µg/m$^3$) | | 0.14 ppm (for certain areas)j | — | |
| | Annual Arithmetic Mean | — | | 0.030 ppm (for certain areas) j | — | |
| PM10[k] | 24 Hour | 50 µg/m$^3$ | Gravimetric or Beta Attenuation | 150 µg/m$^3$ | Same as Primary Standard | Inertial Separation and Gravimetric Analysis |
| | Annual Arithmetic Mean | 20 µg/m$^3$ | | — | | |
| PM2. [k] | 24 Hour | No Separate State Standard | | 35 µg/m$^3$ | Same as Primary Standard | Inertial Separation and Gravimetric Analysis |
| | Annual Arithmetic Mean | 12 µg/m$^3$ | Gravimetric or Beta Attenuation | 12.0 µg/m$^3$ k | 15 µg/m$^3$ | |
| Lead[l,m] | 30 Day Average | 1.5 µg/m$^3$ | Atomic Absorption | — | — | High Volume Sampler and Atomic Absorption |
| | Calendar Quarter | — | | 1.5 µg/m$^3$ (for certain areas)m | Same as Primary Standard | |
| | Rolling 3-Month Average [m] | -- | | 0.15 µg/m$^3$ | | |
| Visibility Reducing Particles [n] | 8 Hour | Extinction coefficient of 0.23 per kilometer — visibility of 10 miles or more (0.07 — 30 miles or more for Lake Tahoe) due to particles when relative humidity is less than 70 percent. Method: Beta Attenuation and Transmittance through Filter Tape. | | No Federal Standards | | |
| Sulfates ($SO_4$) | 24 Hour | 25 µg/m$^3$ | Ion Chromatography | | | |
| Hydrogen Sulfide | 1 Hour | 0.03 ppm (42 µg/m$^3$) | Ultraviolet Fluorescence | | | |
| Vinyl Chloride [l] | 24 Hour | 0.01 ppm (26 µg/m$^3$) | Gas Chromatography | | | |

a California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, and particulate matter ($PM_{10}$, $PM_{2.5}$, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

b National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM10, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 micrograms/per cubic meter (µg/m$^3$) is equal to or less than one. For $PM_{2.5}$, the 24 hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard.

c Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

d Any equivalent procedure which can be shown to the satisfaction of the California Air Resources Board to give equivalent results at or near the level of the air quality standard may be used.

e National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.

f National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

g Reference method as described by the USEPA. An “equivalent method” of measurement may be used but must have a “consistent relationship to the reference method” and must be approved by the USEPA.

| Pollutant | Average Time | California Standards[a] | | National Standards[b] | | |
|---|---|---|---|---|---|---|
| | | Concentration[c] | Method[d] | Primary[c,e] | Secondary [c,f] | Method[g] |

h On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
i To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.
j On June 2, 2010, a new 1-hour $SO_2$ standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 $SO_2$ national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated non-attainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.
k On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 µg/m$^3$ to 12.0 µg/m$^3$.
l The California Air Resources Board has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.
m The national standard for lead was revised on October 15, 2008 to a rolling three-month average. The 1978 lead standard (1.5 µg/m$^3$ as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated non-attainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.
n In 1989, the California Air Resources Board converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

Source: California Air Resources Board, Ambient Air Quality Standards (5/4/16). Available: http://www.arb.ca.gov/research/aaqs/aaqs2.pdf. Accessed March 2019.

**Table 4**, *South Coast Air Basin Attainment Status (Los Angeles County)*, shows the attainment status of the Air Basin for each criteria pollutant. As shown in Table 4, the Air Basin is designated under federal or state ambient air quality standards as nonattainment for ozone ($O_3$), respirable particulate matter (PM10), and fine particulate matter (PM2.5). The Los Angeles County portion of the Air Basin is designated as nonattainment for the federal lead standard; however, this was due to localized emissions from 2 lead-acid battery recycling facilities in the city of Vernon and the city of Industry that are no longer operating.[82]

As shown in Table 4, the Air Basin is designated under federal or state ambient air quality standards as nonattainment for ozone, PM10, and fine particulate matter PM2.5. The Los Angeles County portion of the Air Basin is designated as nonattainment for the federal lead standard; however, this is due to localized emissions from two lead-acid battery recycling facilities in the City of Vernon and the City of Industry that are no longer operating. [83]

**TABLE 4**
**SOUTH COAST AIR BASIN ATTAINMENT STATUS (LOS ANGELES COUNTY)**

| Pollutant | National Standards (NAAQS) | California Standards (CAAQS) |
|---|---|---|
| $O_3$ (1-hour standard) | N/A [a] | Non-attainment – Extreme |
| $O_3$ (8-hour standard) | Non-attainment – Extreme | Non-attainment |
| CO | Attainment | Attainment |
| $NO_2$ | Attainment | Attainment |

82 South Coast Air Quality Management District, Board Meeting, Agenda No. 30, Adopt the 2012 Lead State Implementation Plan for Los Angeles County, May 4, 2012.
83 SCAQMD, Board Meeting, Agenda No. 30, Adopt the 2012 Lead State Implementation Plan for Los Angeles County, May 4, 2012.

| Pollutant | National Standards (NAAQS) | California Standards (CAAQS) |
|---|---|---|
| $SO_2$ | Attainment | Attainment |
| PM10 | Attainment | Non-attainment |
| PM2.5 | Non-attainment – Serious | Non-attainment |
| Lead (Pb) | Non-attainment (Partial) [b] | Attainment |
| Visibility Reducing Particles | N/A | Unclassified |
| Sulfates | N/A | Attainment |
| Hydrogen Sulfide | N/A | Unclassified |
| Vinyl Chloride [c] | N/A | N/A |

N/A = not applicable

[a] The NAAQS for 1-hour ozone was revoked on June 15, 2005, for all areas except Early Action Compact areas.

[b] Partial Non-attainment designation – Los Angeles County portion of the Air Basin only for near-source monitors.

[c] In 1990, the California Air Resources Board identified vinyl chloride as a toxic air contaminant and determined that it does not have an identifiable threshold. Therefore, the California Air Resources Board does not monitor or make status designations for this pollutant.

SOURCE: USEPA, The Green Book Non-Attainment Areas for Criteria Pollutants, https://www.epa.gov/green-book; CARB, Area Designations Maps/State and National, http://www.arb.ca.gov/desig/adm/adm.htm. Accessed March 2019.

As detailed in the AQMP, the major sources of air pollution in the Air Basin are divided into four major source classifications: point, and area stationary sources, and on-road and off-road mobile sources. Point and area sources are the two major subcategories of stationary sources.[84] Point sources are permitted facilities that contain one or more emission sources at an identified location (e.g., power plants, refineries, emergency generator exhaust stacks). Area sources consist of many small emission sources (e.g., residential water heaters, architectural coatings, consumer products, restaurant charbroilers and permitted sources such as large boilers) which are distributed across the region. Mobile sources consist of two main subcategories: On-road sources (such as cars and trucks) and off-road sources (such as heavy construction equipment).

## 2.2 State

### California Air Resources Board

The California Clean Air Act (CCAA), signed into law in 1988, requires all areas of California to achieve and maintain the CAAQS. CARB, a part of the California Environmental Protection Agency, is responsible for the coordination and administration of both federal and state air pollution control programs within California. In this capacity, CARB conducts research, sets the CAAQS, compiles emission inventories, develops suggested control measures, and provides oversight of local programs. CARB establishes emissions standards for motor vehicles sold in California, consumer products (such as hairspray, aerosol paints, and barbecue lighter fluid), and various types of commercial equipment. It also sets fuel specifications to further reduce vehicular emissions. CARB has primary responsibility for the development of California's SIP, for which it

84 SCAQMD, 2016 AQMP, page 3-32.

works closely with the federal government and the local air districts. The SIP is required for the state to take over implementation of the federal CAA from USEPA.

## California Clean Air Act

The California Clean Air Act, signed into law in 1988, requires all areas of the state to achieve and maintain the CAAQS by the earliest practical date. The CAAQS are established to protect the health of the most sensitive groups and apply to the same criteria pollutants as the federal Clean Air Act and also includes State-identified criteria pollutants, which are sulfates, visibility-reducing particles, hydrogen sulfide, and vinyl chloride.[85] CARB has primary responsibility for ensuring the implementation of the California Clean Air Act,[86] responding to the federal Clean Air Act planning requirements applicable to the state, and regulating emissions from motor vehicles and consumer products within the state.

Health and Safety Code Section 39607(e) requires CARB to establish and periodically review area designation criteria. Table 4 provides a summary of the attainment status of the Los Angeles County portion of the Air Basin with respect to the state standards. The Air Basin is designated as attainment for the California standards for sulfates and unclassified for hydrogen sulfide and visibility-reducing particles. The Air Basin is currently in non-attainment for $O_3$, PM10, and PM2.5 under the CAAQS. Since vinyl chloride is a carcinogenic toxic air contaminant, CARB does not classify attainment status for this pollutant.

## California Code of Regulations

The California Code of Regulations (CCR) is the official compilation and publication of regulations adopted, amended or repealed by the state agencies pursuant to the Administrative Procedure Act. The CCR includes regulations that pertain to air quality emissions. Specifically, Section 2485 in Title 13 of the CCR states that the idling of all diesel-fueled commercial vehicles (weighing over 10,000 pounds) during construction shall be limited to five minutes at any location. In addition, Section 93115 in Title 17 of the CCR states that operations of any stationary, diesel-fueled, compression-ignition engines shall meet specified fuel and fuel additive requirements and emissions standards.

## California Air Resources Board On-Road and Off-Road Vehicle Rules

In 2004, CARB adopted an Airborne Toxic Control Measure (ATCM) to limit heavy-duty diesel motor vehicle idling in order to reduce public exposure to diesel PM and other TACs (Title 13 California Code of Regulations [CCR], Section 2485). The measure applies to diesel-fueled commercial vehicles with gross vehicle weight ratings greater than 10,000 pounds that are licensed to operate on highways, regardless of where they are registered. This measure does not allow diesel-fueled commercial vehicles to idle for more than five minutes at any given time.

85 CARB, California Ambient Air Quality Standards (CAAQS), last reviewed August 10, 2017.
86 Chapter 1568 of the Statutes of 1988.

In 2008 CARB approved the Truck and Bus regulation to reduce $NO_X$, PM10, and PM2.5 emissions from existing diesel vehicles operating in California (13 CCR, Section 2025). The requirements were amended to apply to nearly all diesel-fueled trucks and busses with a gross vehicle weight rating (GVWR) greater than 14,000 pounds. For the largest trucks in the fleet, those with a GVWR greater than 26,000 pounds, there are 2 methods to comply with the requirements. The first method is for the fleet owner to retrofit or replace engines, starting with the oldest engine model year, to meet 2010 engine standards, or better. This is phased over 8 years, starting in 2015 and would be fully implemented by 2023, meaning that all trucks operating in the State subject to this option would meet or exceed the 2010 engine emission standards for $NO_X$ and PM by 2023. The second method, if chosen, required fleet owners, starting in 2012, to retrofit a portion of their fleet with diesel particulate filters achieving at least 85 percent removal efficiency, with installation of DPFs for their entire fleet by January 1, 2016. However, DPFs do not typically lower $NO_X$ emissions. Thus, fleet owners choosing the second option must still comply with the 2010 engine emission standards for their trucks and busses by 2020.

In addition to limiting exhaust from idling trucks, CARB also promulgated emission standards for off-road diesel construction equipment of greater than 25 horsepower such as bulldozers, loaders, backhoes and forklifts, as well as many other self-propelled off-road diesel vehicles. The regulation adopted by the CARB on July 26, 2007, aims to reduce emissions by the installation of diesel soot filters and encouraging the retirement, replacement, or repower of older, dirtier engines with newer emission controlled models (13 CCR, Section 2449). Implementation is staggered based on fleet size (which is the total of all off-road horsepower under common ownership or control), with the largest fleets to begin compliance in 2014, medium fleets in 2017, and small fleets in 2019. Each fleet must demonstrate compliance through one of two methods. The first option is to calculate and maintain fleet average emissions targets, which encourages the retirement or repowering of older equipment and rewards the introduction of newer cleaner units into the fleet. The second option is to meet the Best Available Control Technology (BACT) requirements by turning over or installing Verified Diesel Emission Control Strategies (VDECS) on a certain percentage of its total fleet horsepower. The compliance schedule requires that BACT turn overs or retrofits (VDECS installation) be fully implemented by 2023 in all equipment for large and medium fleets and by 2028 for small fleets.

## Toxic Air Contaminants

The California Air Toxics Program was established in 1983, when the California Legislature adopted Assembly Bill (AB) 1807 to establish a two-step process of risk identification and risk management to address potential health effects from exposure to toxic substances in the air. In the risk identification step, CARB and OEHHA determine if a substance should be formally identified, or “listed”, as a TAC in California. inception of the program, a number of such substances have been listed (www.arb.ca.gov/toxics.id/taclist.htm). In 1993, the California Legislature amended the program to identify the 189 federal hazardous air pollutants (HAPs) as TACs. The SCAQMD has not adopted guidance applicable to land use projects that requires a

quantitative health risk assessments be performed for construction exposures to TAC emissions.[87] The SCAQMD states that: "SCAQMD currently does not have guidance on construction Health Risk Assessments."[88]

In the risk management step, CARB reviews emission sources of an identified TAC to determine whether regulatory action is needed to reduce risk. Based on the results of that review, CARB has promulgated a number of ATCMs, both for mobile and stationary sources. As discussed above, in 2004, CARB adopted an ATCM to limit heavy-duty diesel motor vehicle idling in order to reduce public exposure to DPM and other TACs. The measure applies to diesel-fueled commercial vehicles with gross vehicle weight ratings greater than 10,000 pounds that are licensed to operate on highways, regardless of where they are registered. This measure does not allow diesel-fueled commercial vehicles to idle for more than five minutes at any given time.

In addition to limiting exhaust from idling trucks, as discussed above, CARB promulgated emission standards for off-road diesel construction equipment such as bulldozers, loaders, backhoes, and forklifts, as well as many other self-propelled off-road diesel vehicles. The regulation, adopted by CARB on July 26, 2007, aims to reduce emissions by the installation of diesel particulate filters and encouraging the replacement of older, dirtier engines with newer emission controlled models. Implementation is staggered based on fleet size, with the largest operators beginning compliance in 2014.

The AB 1807 program is supplemented by the AB 2588 Air Toxics "Hot Spots" program, which was established by the California Legislature in 1987. Under this program, facilities are required to report their air toxics emissions, assess health risks, and notify nearby residents and workers of significant risks if present. In 1992, the AB 2588 program was amended by Senate Bill (SB) 1731 to require facilities that pose a significant health risk to the community to reduce their risk through implementation of a risk management plan.

## 2.3 Regional

### South Coast Air Quality Management District (SCAQMD)

The SCAQMD is primarily responsible for planning, implementing, and enforcing air quality standards for the South Coast Air Basin (Air Basin) which includes all of Orange County, Los Angeles County (excluding the Antelope Valley portion), the western, non-desert portion of San Bernardino County, and the western Coachella Valley and San Gorgonio Pass portions of Riverside County. The Air Basin is an approximately 6,745-square-mile area bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east. The Air Basin is a subregion within the western portion of the SCAQMD

87 SCAQMD, Final Environmental Assessment for: Proposed Amended Rule 307.1 – Alternative Fees for Air Toxics Emissions Inventory; Proposed Amended Rule 1401 – New Source Review of Toxic Air Contaminants; Proposed Amended Rule 1402 – Control of Toxic Air Contaminants from Existing Sources; SCAQMD Public Notification Procedures for Facilities Under the Air Toxics "Hot Spots" Information and Assessment Act (AB 2588) and Rule 1402.

88 SCAQMD Guidelines for Participating in the Rule 1402 Voluntary Risk, page 2-23, September 2016, http://www.aqmd.gov/docs/default-source/ceqa/documents/aqmd-projects/2016/final-ea_par-307-1_1401_1402.pdf?sfvrsn=4. Accessed March 2019.

jurisdiction. While air quality in the Air Basin has improved, the Air Basin requires continued diligence to meet the air quality standards. While air quality in the Air Basin has improved, the Air Basin requires continued diligence to meet the air quality standards.

## Air Quality Management Plan

The SCAQMD has adopted a series of AQMPs to meet the CAAQS and NAAQS. In December 2012, the SCAQMD adopted the 2012 Air Quality Management Plan, which incorporates scientific and technological information and planning assumptions, including growth projections.[89] The 2012 AQMP incorporates a comprehensive strategy aimed at controlling pollution from all sources, including stationary sources, and on-road and off-road mobile sources. The 2012 AQMP builds upon improvements in previous plans, and includes new and changing federal requirements, implementation of new technology measures, and the continued development of economically sound, flexible compliance approaches. In addition, it highlights the significant amount of emission reductions needed and the urgent need to identify additional strategies, especially in the area of mobile sources, to meet all federal criteria pollutant standards within the timeframes allowed under the federal Clean Air Act.

The key undertaking of the 2012 AQMP is to bring the Air Basin into attainment with the NAAQS for the 24-hour PM2.5 standard. It also intensifies the scope and pace of continued air quality improvement.

The SCAQMD has adopted a series of Air Quality Management Plans (AQMPs) to meet the CAAQS and NAAQS. The 2012 AQMP incorporates scientific and technological information and planning assumptions, including regional growth projections[90] to achieve federal standards for air quality in the Air Basin. The 2012 AQMP incorporates a comprehensive strategy aimed at controlling pollution from all sources, including stationary sources, and on-road and off-road mobile sources. The 2012 AQMP includes new and changing federal requirements, implementation of new technology measures, and the continued development of economically sound, flexible compliance approaches. Additionally, the 2012 AQMP highlights the significant amount of emission reductions needed and the urgent need to identify additional strategies, especially in the area of mobile sources, to meet all federal criteria pollutant standards within the timeframes allowed under the federal CAA.

The key undertaking of the 2012 AQMP is to bring the Air Basin into attainment with the NAAQS for the 24-hour PM2.5 standard. The 2012 AQMP also intensifies the scope and pace of continued air quality improvement efforts toward meeting the 2024 8-hour $O_3$ standard deadline with new measures designed to reduce reliance on the federal CAA Section 182(e)(5) long-term measures for $NO_X$ and VOC reductions. The SCAQMD expects exposure reductions to be

89 South Coast Air Quality Management District, 2012 Air Quality Management Plan, https://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan/final-2012-air-quality-management-plan. Accessed March 2019.

90 SCAQMD, 2012 Air Quality Management Plan (AQMP), 2013, http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan/final-2012-air-quality-management-plan. Accessed March 2019.

achieved through implementation of new and advanced control technologies, as well as improvement of existing technologies.

The control measures in the 2012 AQMP consist of 4 components: (1) Basin-wide and Episodic Short-term PM2.5 Measures; (2) Contingency Measures; (3) 8-hour Ozone Implementation Measures; and (4) Transportation and Control Measures provided by the Southern California Association of Governments (SCAG). The Plan includes eight short-term $PM_{2.5}$ control measures, 16 stationary source 8-hour ozone measures, 10 early-action measures for mobile sources and 7 early-action measures to accelerate near-zero and zero emission technologies for goods movement-related sources, and 5 on-road and 5 off-road mobile source control measures. In general, SCAQMD's control strategy for stationary and mobile sources is based on the following approaches: (1) available cleaner technologies; (2) best management practices; (3) incentive programs; (4) development and implementation of zero- and near-zero technologies and vehicles and control methods; and (5) emission reductions from mobile sources. Control strategies in the AQMP with potential applicability to reducing short-term emissions from construction activities associated with the Project include strategies denoted in the AQMP as ONRD-04 and OFFRD-01, which are intended to reduce emissions from on-road and off-road heavy-duty vehicles and equipment.[91] Descriptions of measures ONRD-04 and OFFRD-01 are provided below:

> **ONRD-04 – Accelerated Retirement of Older On-Road Heavy-Duty Vehicles:** This measure seeks to replace up to 1,000 heavy-duty vehicles per year with newer or new vehicles that at a minimum, meet the 2010 on-road heavy-duty $NO_X$ exhaust emissions standard of 0.2 grams per brake horsepower-hour (g/bhp-hr).
>
> **OFFRD-01 – Extension of the Soon Provision for Construction/Industrial Equipment:** This measure continues the Surplus Off-Road Option for $NO_X$ (SOON) provision of the statewide In-Use Off-Road Fleet Vehicle Regulation beyond 2014 through the 2023 timeframe.

The SCAQMD Governing Board adopted the 2016 AQMP on March 3, 2017.[92] CARB approved the 2016 AQMP on March 23, 2017.[93] Key elements of the 2016 AQMP include implementing fair-share emissions reductions strategies at the federal, State, and local levels; establishing partnerships, funding, and incentives to accelerate deployment of zero and near-zero-emissions technologies; and taking credit from co-benefits from greenhouse gas, energy, transportation and other planning efforts.[94] The strategies included in the 2016 AQMP are intended to demonstrate attainment of the NAAQS, which are set at levels considered safe to protect public health, including the health of sensitive populations such as asthmatics, children, and the elderly with a margin of safety; and to protect public welfare, including against decreased visibility and damage to animals, crops, vegetation, and buildings,[95] for the federal non-attainment pollutants ozone and PM2.5 while accounting for regional growth, increasing development, and maintaining a healthy

91 SCAQMD, 2012 AQMP.

92 SCAQMD, 2016 AQMP, http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan. Accessed March 2019.

93 CARB, News Release - CARB establishes next generation of emission controls needed to improve state's air quality, https://ww2.arb.ca.gov/news/carb-establishes-next-generation-emission-controls-needed-improve-states-air-quality. Accessed March 2019.

94 SCAQMD, 2016 AQMP.

95 USEPA, NAAQS Table, https://www.epa.gov/criteria-air-pollutants/naaqs-table. Accessed March 2019.

economy.[96] While the 2016 AQMP has been adopted by SCAQMD and CARB, it has not yet received USEPA approval for inclusion in the SIP. Therefore, until such time as the 2016 AQMP has been approved by USEPA, the 2012 AQMP remains the applicable AQMP for federal purposes; however, the 2016 AQMP is used in the analyses in this section, since it has been adopted by both SCAQMD and CARB. The 2016 AQMP incorporates the above-listed 2012 AQMP control strategies, which are designated as MOB-08 and MOB-10.[97]

## SCAQMD Air Quality Guidance Documents

The SCAQMD published the *CEQA Air Quality Handbook* to provide local governments with guidance for analyzing and mitigating project-specific air quality impacts.[98] The *CEQA Air Quality Handbook* provides standards, methodologies, and procedures for conducting air quality analyses in EIRs and was used extensively in the preparation of this analysis. However, the SCAQMD is currently in the process of replacing the *CEQA Air Quality Handbook* with the *Air Quality Analysis Guidance Handbook*. While this process is underway, the SCAQMD recommends that lead agencies avoid using the screening tables in Chapter 6 (Determining the Air Quality Significance of a Project) and the on-road mobile source emission factors in Table A9-5-J1 through A9-5 of the Handbook as they are outdated.

The SCAQMD instead recommends using other approved models to calculate emissions from land use projects, such as the California Emissions Estimator Model (CalEEMod) software, which is a model developed for CAPCOA in collaboration with the California Air Districts, which is a Statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and GHG emissions from a variety of land use projects.

The SCAQMD has also adopted land use planning guidelines in its *Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning*, which considers impacts to sensitive receptors from facilities that emit TAC emissions.[99] SCAQMD's general land use siting distance recommendations are the same as those provided by CARB (e.g., a 500-foot siting distance for sensitive land uses proposed in proximity to freeways and high-traffic roads, a 1,000-foot siting distance for sensitive land uses proposed in proximity to a major service and maintenance rail yard, and the same siting criteria for distribution centers and dry cleaning facilities). The SCAQMD's document introduces land use-related policies that rely on design and distance parameters to minimize emissions and lower potential health risk. SCAQMDs guidelines are voluntary initiatives recommended for consideration by local planning agencies.

96 SCAQMD, NAAQS/CAAQS and Attainment Status for South Coast Air Basin, 2016, http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/naaqs-caaqs-feb2016.pdf?sfvrsn=2. Accessed March 2019.

97 SCAQMD, 2016 AQMP.

98 SCAQMD, CEQA Air Quality Handbook 1993, http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/ceqa-air-quality-handbook-(1993). Accessed March 2019.

99 SCAQMD, Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning, 2005, http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf?sfvrsn=4. Accessed March 2019.

The SCAQMD has published a guidance document called the *Final Localized Significance Threshold Methodology* for CEQA Evaluations that is intended to provide guidance when evaluating the localized effects from mass emissions during construction.[100] The SCAQMD adopted additional guidance regarding PM2.5 emissions in a document called *Final Methodology to Calculate Particulate Matter (PM)2.5 and PM2.5 Significance Thresholds*.[101] This latter document has been incorporated by the SCAQMD into its CEQA significance thresholds and *Final Localized Significance Threshold Methodology*.

SCAQMD has adopted two rules to limit cancer and non-cancer health risks from facilities located within its jurisdiction. Rule 1401 (New Source Review of Toxic Air Contaminants) regulates new or modified facilities, and Rule 1402 (Control of Toxic Air Contaminants from Existing Sources) regulates facilities that are already operating. Rule 1402 incorporates the requirements of the AB 2588 program, including implementation of risk reduction plans for significant risk facilities.

## SCAQMD Rules and Regulations

The SCAQMD has adopted many rules and regulations to regulate sources of air pollution in the Air Basin and to help achieve air quality standards. The Project may be subject to the following SCAQMD rules and regulations:

**Regulation IV – Prohibitions:** This regulation sets forth the restrictions for visible emissions, odor nuisance, fugitive dust, various air emissions, fuel contaminants, start-up/shutdown exemptions and breakdown events. The following is a list of rules which apply to the Project:

> **Rule 401 – Visible Emissions:** This rule states that a person shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is as dark or darker in shade as that designated No. 1 on the Ringelmann Chart or of such opacity as to obscure an observer's view.
>
> **Rule 402 – Nuisance:** This rule states that a person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property.
>
> **Rule 403 – Fugitive Dust:** This rule requires projects to prevent, reduce or mitigate fugitive dust emissions from a site. Rule 403 restricts visible fugitive dust to the project property line, restricts the net PM10 emissions to less than 50 micrograms per cubic meter ($\mu g/m^3$) and restricts the tracking out of bulk materials onto public roads. Additionally, projects must utilize one or more of the best available control measures (identified in the tables within the rule). Control measures may include adding freeboard

[100] SCAQMD, Final Localized Significance Threshold Methodology, 2008, http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/localized-significance-thresholds. Accessed March 2019.

[101] SCAQMD, Final Methodology to Calculate Particulate Matter (PM)2.5 and PM2.5 Significance Thresholds, 2006, http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/pm-2-5-significance-thresholds-and-calculation-methodology. Accessed March 2019.

to haul vehicles, covering loose material on haul vehicles, watering or using non-toxic chemical stabilizers to prevent the generation of visible dust plumes, limiting vehicle speeds to 15 miles per hour on unpaved surfaces, and/or ceasing all activities. Finally, a contingency plan may be required if so determined by USEPA.

**Regulation XI – Source Specific Standards:** Regulation XI sets emissions standards for specific sources. The following is a list of rules which may apply to the Project:

**Rule 1113 – Architectural Coatings:** This rule requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce VOC emissions from the use of these coatings, primarily by placing limits on the VOC content of various coating categories.

**Rule 1138 – Control of Emissions from Restaurant Operations:** This rule specifies PM and VOC emissions and odor control requirements for commercial cooking operations that use chain-driven charbroilers to cook meat.

**Rule 1146.1 – Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters:** This rule requires manufacturers, distributors, retailers, refurbishers, installers, and operators of new and existing units to reduce $NO_X$ emissions from natural gas-fired boilers, steam generators, and process heaters as defined in this rule.

**Rule 1146.2 – Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters:** This rule requires manufacturers, distributors, retailers, refurbishers, installers, and operators of new and existing units to reduce $NO_X$ emissions from natural gas-fired water heaters, boilers, and process heaters as defined in this rule.

**Rule 1186 – PM10 Emissions from Paved and Unpaved Roads, and Livestock Operations:** This rule applies to owners and operators of paved and unpaved roads and livestock operations. The rule is intended to reduce PM10 emissions by requiring the cleanup of material deposited onto paved roads, use of certified street sweeping equipment, and treatment of high-use unpaved roads (see also Rule 403).

**Regulation XIV – Toxics and Other Non-Criteria Pollutants:** Regulation XIV sets requirements for new permit units, relocations, or modifications to existing permit units which emit toxic air contaminants or other non-criteria pollutants. The following is a list of rules which may apply to the Project:

**Rule 1403 – Asbestos Emissions from Demolition/Renovation Activities:** This rule requires owners and operators of any demolition or renovation activity and the associated disturbance of asbestos-containing materials, any asbestos storage facility, or any active waste disposal site to implement work practice requirements to limit asbestos emissions from building demolition and renovation activities, including the removal and associated disturbance of asbestos-containing materials.

## Southern California Association of Governments

SCAG is the regional planning agency for Los Angeles, Orange, Ventura, Riverside, San Bernardino and Imperial Counties, and addresses regional issues relating to transportation, the economy, community development and the environment. SCAG is the federally designated

Metropolitan Planning Organization (MPO) for the majority of the Southern California region, and is the largest MPO in the nation.

Pursuant to Health & Safety Code Section 40460, SCAG is responsible for preparing and approving the portions of the AQMP relating to regional demographic projections and integrated regional land use, housing, employment and transportation programs, measures and strategies.[102] With regard to air quality planning, SCAG adopted the *2016 Regional Transportation Plan/Sustainable Communities Strategy* (2016 RTP/SCS) in April 2016, which contains such regional development and growth forecasts. These regional development and growth forecasts form the basis for the land use and transportation control portions of the 2016 AQMP, and its growth forecasts were utilized in the preparation of the air quality forecasts and consistency analysis included in the 2016 AQMP.[103] Both the RTP/SCS and the AQMP are based on projections that originate with local jurisdictions.

SCAG is required to adopt an SCS along with its RTP pursuant to Senate Bill (SB) 375 (Chapter 728, Statutes of 2008), which required the development of regional targets for reducing passenger vehicle greenhouse gas (GHG) emissions. Under SB 375, CARB is required, in consultation with the state's MPOs, to set regional GHG reduction targets for the passenger vehicle and light-duty truck sector for 2020 and 2035. In February 2011, CARB adopted the final GHG emissions reduction targets for SCAG, within whose jurisdiction the City of Culver City is located. SCAG's target is a per capita reduction of 8 percent for 2020 and 13 percent for 2035 compared to the 2005 baseline.[104] SCAG's 2016 RTP/SCS meets or exceeds these targets, lowering GHG emissions (below 2005 levels) by eight percent by 2020; 18 percent by 2035; and 21 percent by 2040.[105] Of note, the proposed reduction targets explicitly exclude emission reductions expected from AB 1493 and the low carbon fuel standard regulations. Compliance with and implementation of 2016 RTP/SCS policies and strategies would also reduce per capita criteria air pollutant emissions due to reduced per capita vehicle miles traveled (VMT). However, in regards to per capita VMT, CARB determined that the currently adopted SCSs, including SCAG's 2016 RTP/SCS, in aggregate, would achieve a nearly 18 percent reduction in statewide per capita on-road light-duty transportation-related GHG emissions relative to 2005 by 2035, and would not be enough to reach the SB 375 reduction target. CARB determined the full reduction needed to meet the State's climate goals is an approximately 25 percent reduction in statewide per capita on-road light-duty transportation-related GHG emissions by 2035 relative to 2005 in order to reach the SB 375 reduction target in 2035.[106] The next iteration of the SCAG RTP/SCS would be expected to incorporate the updated per capita VMT targets.

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102 SCAQMD, 2016 AQMP, page 4-42.

103 SCAQMD, 2016 AQMP, page 4-42.

104 Southern California Association of Governments (SCAG), 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS), 2016, page 8, http://scagrtpscs.net/Documents/2016/final/f2016RTPSCS.pdf. Accessed March 2019.

105 SCAG, 2016 RTP/SCS, page 153.

106 CARB, California Air Resources Board 2017 Scoping Plan-Identified VMT Reductions and Relationship to State Climate Goals, 2019, page 3, https://ww2.arb.ca.gov/sites/default/files/2019-01/2017_sp_vmt_reductions_jan19.pdf.

SCAG's SCS is "built on a foundation of contributions from communities, cities, counties and other local agencies" and "based on local general plans as well as input from local governments."[107] The SCS provides specific strategies for successful implementation. These strategies include supporting projects that encourage infill development, diverse job opportunities for a variety of skills and education, recreation, cultures, and a full-range of shopping, entertainment and services all within a relatively short distance; encouraging employment development around current and planned transit stations and neighborhood commercial centers. The 2016 RTP/SCS emphasizes the importance of focusing on high density development in High Quality Transit Areas (HQTAs) that allows for high quality housing with consideration of urban design, construction and durability, and potential increased ridership on important public transit investments, and can help the region achieve greater mobility, an improved economy and sustainable growth.[108]

## 2.4 Local

Local jurisdictions, such as the City of Culver City, have the authority and responsibility to reduce air pollution through its police power and decision-making authority. The City reviews project plans for consistency with environmental regulations and other conditions applicable to proposed development. The City is also responsible for the implementation of transportation control measures as outlined in the AQMP. Examples of such measures include bus turnouts, energy-efficient streetlights, and synchronized traffic signals. In accordance with CEQA, the City has the authority to obtain input from other local agencies and may consult with any person with special expertise relating to the Project environmental impacts to assess air quality impacts of new development projects. If significant impacts are found, the City has the authority to require mitigation of potentially significant air quality impacts by conditioning discretionary permits and monitors and enforces implementation of such mitigation measures.

The City's General Plan was originally adopted in 1995 and is periodically amended as the City grows in population and physical development. The current General Plan does not have an Air Quality Element. However, the Circulation Element of the General Plan contains objectives and policies focused on public transit (Objective #2), bikeways (Objective #3), pedestrian access (Objective #4), participating in regional system improvements (Implementation Measure #1), and roadway improvement (Implementation Measure #2). Consistency with these goals and policies have the potential to reduce single occupancy vehicle trips and vehicle miles traveled (VMT), thus reducing air pollutants from mobile sources. The growth projections within the General Plan inform the development of SCAQMD's AQMP.

In 2009, the City adopted the Green Building program which contains a number of features that would indirectly reduce air pollution emissions through features such as enhanced building insulation, low-flow fixtures, efficient lighting and HVAC systems.

[107] SCAG, 2016 RTP/SCS, page 75.
[108] SCAG, 2016 RTP/SCS, page 8.

# SECTION 3
# Thresholds of Significance

The significance thresholds below are derived from the Environmental Checklist question in Appendix G of the *State CEQA Guidelines*. Accordingly, a significant air quality impact would occur if the Project would:

**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; or**

**d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.**

Pursuant to the State CEQA Guidelines (Section 15064.7), a lead agency may consider using, when available, the significance criteria established by the applicable air quality management district or air pollution control district when making determinations of significance. The Project would be under the SCAQMD's jurisdiction. SCAQMD has established air quality significance thresholds in its CEQA Air Quality Handbook. These thresholds are based on the recognition that the Air Basin is a distinct geographic area with a critical air pollution problem for which ambient air quality standards have been promulgated to protect public health.[109] The potential air quality impacts of the Project are, therefore, evaluated according to the most recent thresholds adopted by the SCAQMD in connection with its CEQA Air Quality Handbook, Air Quality Analysis Guidance Handbook, and subsequent SCAQMD guidance as discussed previously.[110] As stated above, the SCAQMD has stated that these thresholds are based on the recognition that the Air Basin is a distinct geographic area with a critical air pollution problem for which ambient air quality standards have been promulgated to protect public health.[111]

[109] South Coast Air Quality Management District, CEQA Air Quality Handbook (1993) 6-2.

[110] While the SCAQMD CEQA Air Quality Handbook contains significance thresholds for lead, Project construction and operation would not include sources of lead emissions and would not exceed the established thresholds for lead. Unleaded fuel and unleaded paints have virtually eliminated lead emissions from commercial and residential land use projects such as the Project. As a result, lead emissions are not further evaluated in this Draft EIR.

[111] SCAQMD, CEQA Air Quality Handbook, page 6-2.

## 3.1 Consistency with Air Quality Plans and Policies

The Project would have a significant impact if it would:

- Substantially conflict with or obstruct implementation of relevant air quality policies in the AQMP or the General Plan or other adopted regional and local plans adopted for reducing air quality impacts.

Evaluating whether the Project would conflict with or obstruct implementation of the applicable air quality plan is based on consistency with applicable control measures and policies adopted for the purpose of reducing air pollutant emissions and associated impacts.

## 3.2 Construction Emissions

Based on the most recently adopted significance thresholds in the SCAQMD *CEQA Air Quality Handbook,* the Project would potentially cause or contribute to an exceedance of an air quality standard if the following would occur:

- Regional construction emissions from both direct and indirect sources would exceed any of the following SCAQMD prescribed daily regional emissions thresholds:[112]
  - 75 pounds a day for VOC;
  - 100 pounds per day for $NO_X$;
  - 550 pounds per day for CO;
  - 150 pounds per day for $SO_2$;
  - 150 pounds per day for PM10; or
  - 55 pounds per day for PM2.5.

In addition, the SCAQMD has developed a methodology to assess the potential for localized emissions to cause an exceedance of applicable ambient air quality standards or ambient concentration limits. Impacts would be considered significant if the following would occur:

- Maximum daily localized emissions of $NO_X$ and/or CO during construction are greater than the applicable localized significance thresholds, resulting in predicted ambient concentrations in the vicinity of the Project Site greater than the most stringent ambient air quality standards for $NO_2$ and/or CO.[113]
- Maximum daily localized emissions of PM10 and/or PM2.5 during construction are greater than the applicable localized significance thresholds, resulting in predicted ambient

112 South Coast Air Quality Management District, SCAQMD Air Quality Significance Thresholds, (March 2015), http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2. Accessed March 2019.

113 South Coast Air Quality Management District, Final Localized Significance Threshold Methodology, (2008). Available: http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/localized-significance-thresholds. Accessed March 2019.

concentrations in the vicinity of the Project Site to exceed 10.4 μg/m$^3$ over 24 hours (SCAQMD Rule 403 control requirement).

As discussed previously, the SCAQMD has established screening criteria that can be used to determine the maximum allowable daily emissions that would satisfy the localized significance thresholds and therefore not cause or contribute to an exceedance of the applicable ambient air quality standards or ambient concentration limits without Project-specific dispersion modeling. This analysis uses these screening criteria to evaluate potential impacts from the Project's localized construction emissions.

## 3.3 Operational Emissions

The significance thresholds of significance, below, are the most recently adopted indicators in the SCAQMD *Air Quality Handbook* for determining the significance of operational emissions. The SCAQMD has established numerical indicators as significance thresholds based, in part, on Section 182(e) of the CAA, which sets 10 tons per year of VOC as a significance level for stationary source emissions in extreme non-attainment areas for ozone.[114] As shown in Table 4, the Air Basin is designated as extreme non-attainment for ozone. The SCAQMD converted this significance level to pounds per day for ozone precursor emissions (10 tons per year × 2,000 pounds per ton ÷ 365 days per year = 55 pounds per day). The significance thresholds for other pollutants are also based on federal stationary source significance levels. SCAQMD's numeric emission indicators are based on the recognition that the Air Basin is a distinct geographic area with a critical air pollution problem for which ambient air quality standards have been promulgated to protect public health.[115] Based on the indicators in the SCAQMD *CEQA Air Quality Handbook,* the Project would potentially cause or contribute to an exceedance of an air quality standard if the following would occur:

- Regional operational emissions exceed any of the following SCAQMD prescribed daily regional emissions thresholds:[116]
  - 55 pounds a day for VOC;
  - 55 pounds per day for NOX;
  - 550 pounds per day for CO;
  - 150 pounds per day for SO2;
  - 150 pounds per day for PM10; or
  - 55 pounds per day for PM2.5.

114 SCAQMD, CEQA Air Quality Handbook, page 6-1.

115 SCAQMD, CEQA Air Quality Handbook, page 6-2.

116 South Coast Air Quality Management District, SCAQMD Air Quality Significance Thresholds, (March 2015), http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2. Accessed March 2019.

In addition, the SCAQMD has developed a methodology to assess the potential for localized emissions to cause an exceedance of applicable ambient air quality standards. Impacts would be considered significant if the following were to occur:

- Maximum daily localized emissions of $NO_X$ and/or CO during operation are greater than the applicable localized significance thresholds, resulting in predicted ambient concentrations in the vicinity of the project site greater than the most stringent ambient air quality standards for $NO_2$ and/or CO.[117]
- Maximum daily localized emissions of PM10 and/or PM2.5 during operation are greater than the applicable localized significance thresholds, resulting in predicted ambient concentrations in the vicinity of the project site to exceed 2.5 $\mu g/m^3$ over 24 hours (SCAQMD Rule 1303 allowable change in concentration).

As discussed previously, the SCAQMD has established screening criteria that can be used to determine the maximum allowable daily emissions that would satisfy the localized significance thresholds and therefore not cause or contribute to an exceedance of the applicable ambient air quality standards or ambient concentration limits without Project-specific dispersion modeling. This analysis used the screening criteria to evaluate impacts from the Project's localized operational emissions.

## 3.4 Carbon Monoxide Hotspots

With respect to the formation of CO hotspots, the Project would be considered significant if the following would occur:

- The Project would cause or contribute to an exceedance of the CAAQS one-hour or eight-hour CO standards of 20 or 9.0 parts per million (ppm), respectively within one-quarter mile of a sensitive receptor.[118]

## 3.5 Toxic Air Contaminants

Based on criteria set forth by the SCAQMD, the project would expose sensitive receptors to substantial concentrations of toxic air contaminants if any of the following were to occur:[119]

- The Project would expose sensitive receptors to substantial concentrations of TACs if it emits carcinogenic materials or TACs that exceed the maximum incremental cancer risk of 10 in one million or a cancer burden greater than 0.5 excess cancer cases (in areas greater than or equal to one in one million) or an acute or chronic hazard index of 1.0.

As discussed further below in subsection 4, *Methodology,* construction impacts from TACs are evaluated quantitatively in a construction HRA due to the use of heavy-duty, diesel equipment.

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117 Ibid.

118 The CAAQS are more conservative than the NAAQS (35 ppm for one-hour CO and 9.0 ppm for eight-hour CO).

119 South Coast Air Quality Management District, CEQA Air Quality Handbook, Chapter 6 (Determining the Air Quality Significance of a Project) and Chapter 10 (Assessing Toxic Air Pollutants), (1993); SCAQMD Air Quality Significance Thresholds, (March 2011), http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2. Accessed March 2019.

For operations, the impacts are analyzed qualitatively due to the limited and minimal sources of TACs associated with operation of the proposed land uses.

## 3.6 Odors

With respect to odors, the Project would be considered significant if it created objectionable odors affecting a substantial number of people.

# SECTION 4
# Methodology

The methodology to evaluate potential impacts to regional and local air quality that may result from the construction and long-term operations of the Project is conducted as follows. Detailed modeling calculations are provided in Appendices A through D provided at the end of this report.

## 4.1 Consistency with Air Quality Plan

The SCAQMD is required, pursuant to the CAA, to reduce emissions of criteria pollutants for which the Air Basin is in non-attainment of the NAAQS (e.g., ozone and PM2.5).[120] The SCAQMD's 2016 AQMP contains a comprehensive list of pollution control strategies directed at reducing emissions and achieving the five NAAQS related to these pollutants, including land use and transportation strategies from SCAG's 2016 RTP/SCS designed to reduce VMT.[121] The 2016 AQMP control strategies were developed, in part, based on regional growth projections prepared by SCAG.[122] For this reason, projects whose growth is consistent with the assumptions used in the 2016 AQMP will be deemed to be consistent with the 2016 AQMP because their growth has already been included in the growth projections utilized in the formulation of the control strategies in the 2016 AQMP. Thus, emissions from projects, uses, and activities that are consistent with the applicable growth projections and control strategies used in the development of the 2016 AQMP would not jeopardize attainment of the air pollutant reduction goals identified in the AQMP even if their emissions exceed the SCAQMD's significance thresholds.[123] As noted above, the 2016 AQMP has been adopted by the SCAQMD and CARB. Therefore, this analysis considers the Project's consistency with the 2016 AQMP. The Project's consistency with the 2016 AQMP is evaluated based on consistency with its applicable growth projections and emission control strategies.

## 4.2 Existing Site Emissions

Existing operational emissions were estimated using CalEEMod, as described above. For mobile sources, the vehicle trips were obtained for the existing uses from the Project's traffic study.[124]

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120 The Los Angeles County portion of the Air Basin is designated as nonattainment for the federal lead standard; however, this was due to localized emissions from two lead-acid battery recycling facilities in the City of Vernon and the City of Industry that are no longer operating. For reference see South Coast Air Quality Management District, Board Meeting, Agenda No. 30, Adopt the 2012 Lead State Implementation Plan for Los Angeles County, May 4, 2012.

121 SCAQMD, 2016 AQMP, pages ES-6 and 4-42.

122 SCAQMD, 2016 AQMP, pages 4-42 to 4-44.

123 SCAQMD, CEQA Air Quality Handbook, page 12-1.

124 Crain & Associates, Jefferson Hotel Project Traffic Study, 2020.

Emissions from on-site natural gas combustion were based on usage data from the CEC's *California Commercial End Use Survey* (CEUS), which lists energy demand by building type.[125] Since 1978, the CEC has established building energy efficiency standards, which are updated periodically. The CEUS provides data on a limited statewide basis for different climate zones. Because CalEEMod applies correction factors to account for compliance with recent updates to the Title 24 Building Energy Efficiency Standards, energy demand is adjusted to account for assumed compliance with older Title 24 Building Energy Efficiency Standards, based on available conversion data.[126]

Other sources of emissions from existing uses include equipment used to maintain landscaping, such as lawnmowers and trimmers. The CalEEMod software uses landscaping equipment emission factors from the CARB off-road (OFFROAD) emissions factor model and the CARB *Technical Memo: Change in Population and Activity Factors for Lawn and Garden Equipment (6/13/2003)*.[127] The CalEEMod software assumes that landscaping equipment operates for 250 days per year in the Air Basin. Fugitive VOC emissions are based on consumer product usage factors provided by the SCAQMD within CalEEMod and architectural coating emission factors based on SCAQMD Rule 1113.

## 4.3 Construction Emissions

Construction of the Project has the potential to generate temporary criteria pollutant emissions through the use of heavy-duty construction equipment, such as excavators, and through vehicle trips generated from workers and haul trucks traveling to and from the Project Site. In addition, fugitive dust emissions would result from demolition and various soil-handling activities. Mobile source emissions, primarily $NO_X$, would result from the use of construction equipment such as dozers and loaders. Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of construction activity, and prevailing weather conditions. The assessment of construction air quality impacts considers each of these potential sources.

Daily regional emissions during construction are forecasted by assuming a conservative estimate of construction activities (i.e., assuming all construction occurs at the earliest feasible date) and applying the mobile source and fugitive dust emissions factors. The emissions are estimated using CalEEMod, Version 2016.3.2 software, an emissions inventory software program recommended by the SCAQMD. CalEEMod is based on outputs from OFFROAD and EMFAC, which are emissions estimation models developed by CARB and used to calculate emissions from construction activities, including on- and off-road vehicles. The input values used in this analysis were adjusted to be Project-specific based on equipment types and the construction schedule. These values were then applied to the construction phasing assumptions used in the criteria pollutant analysis to generate criteria pollutant emissions values for each construction activity. Detailed construction equipment lists, construction scheduling, and emissions calculations are

125 California Energy Commission, California Commercial End-Use Survey, http://capabilities.itron.com/CeusWeb/Chart.aspx. Accessed November 2018.

126 CARB, CalEEMod User's Guide, Appendix E, Section 5, September 2016.

127 CARB, OFFROAD Modeling Change Technical Memo: Change in Population and Activity Factors for Lawn and Garden Equipment, June 13, 2003, http://www.arb.ca.gov/msei/2001_residential_lawn_and_garden_changes_in_eqpt_pop_and_act.pdf. Accessed March 2019.

provided in Appendix A. Criteria pollutant emissions from worker vehicles and haul trucks were estimated outside of CalEEMod using EMFAC2017. Worker vehicles consisted of emission factors for light-duty automobiles and light-duty trucks. Vendor, cement, and haul trucks were based on emission factors for medium heavy-duty trucks and heavy-duty trucks.

Project design features discussed above are also incorporated into the construction emissions analysis. Use of EPA Tier 4 Final emissions compliant equipment would reduce regional and localized pollutant emissions.

This analysis assumes construction of the Project is estimated to require up to 26 months, starting as early as the second quarter of 2020. If construction commences at a later date, construction emissions would be lower than those estimated in this technical report due to the use of a more energy-efficient and cleaner burning construction vehicle fleet mix, pursuant to State regulations that require vehicle fleet operators to phase-in less polluting trucks. As a result, should Project construction commence at a later date than analyzed in this technical report, air quality impacts would be lower than the impacts disclosed herein. Subphases of construction would include demolition of the existing structures and features on-site, shoring/excavation, foundations/footings, continuous concrete pour phase, building construction, paving and architectural coating. Demolition activities would generate approximately 1,564 tons of demolition debris (asphalt and general construction debris). The Project would export approximately 43,836 cubic yards of soil during grading and excavation activities. The majority of soil excavation and export would be associated with the construction of the proposed subterranean parking structure. Heavy-duty equipment, vendor supply trucks and concrete trucks would be used during construction of foundations, parking structures, and buildings. Landscaping and architectural coating would occur during the finishing activities. The maximum daily regional emissions from these activities are estimated by construction phase and compared to the SCAQMD significance thresholds. The maximum daily regional emissions are predicted values for the worst-case day and do not represent the emissions that would occur for every day of Project construction.

The localized effects from the on-site portion of the construction emissions are evaluated at nearby sensitive receptor locations potentially impacted by the Project according to the SCAQMD's Localized Significance Threshold Methodology.[128] The localized significance thresholds are only applicable to $NO_X$, CO, PM10, and PM2.5. The SCAQMD has established screening criteria for projects that disturb five acres or less that can be used to determine the maximum allowable daily emissions that would satisfy the localized significance thresholds and therefore not cause or contribute to an exceedance of the applicable ambient air quality standards without project-specific dispersion modeling. The localized analysis is based on this SCAQMD screening criteria. The screening criteria depend on: (1) the area in which the Project is located, (2) the size of the Project Site, and (3) the distance between the Project Site and the nearest sensitive receptor. The Project Site is located in the SCAQMD SRA 2 and would generally disturb up to 0.78 acres on a given day. The off-site air quality sensitive receptors would be the

[128] South Coast Air Quality Management District, Localized Significance Thresholds, (2003, revised 2008), http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/localized-significance-thresholds. Accessed March 2019.

residential uses located within 25 meters to the north and west of the Project Site. Therefore, the SCAQMD localized significance threshold (LST) screening criteria applicable to a 1-acre site in SRA 2 with sensitive receptors located within 25 meters to the Project Site was used.

As stated above, fugitive dust emissions would result from demolition and various soil-handling activities during construction of the Project. Fugitive dust emissions are regulated by the SCAQMD in its Rule 403 (Fugitive Dust). As discussed in Section 2.3 above, SCAQMD Rule 403 requires construction activities to control fugitive dust emissions during construction by complying with best available control measures, such as ensuring sufficient freeboard height for haul vehicles, covering loose material on haul vehicles, applying water or non-toxic soil stabilizers in sufficient quantities to prevent the generation of visible dust plumes on disturbed or unpaved road surfaces, and limiting vehicle speeds to 15 miles per hour on unpaved surfaces. Construction contractors are required to comply with the applicable provision of SCAQMD Rule 403. Applicable fugitive dust control measures are incorporated into the construction emissions modeling within the SCAQMD-approved CalEEMod software and include the application of water (or non-toxic soil stabilizer) to disturbed areas and unpaved road surfaces and limiting vehicle speeds to 15 miles per hour on unpaved surfaces.

## 4.3 Operational Emissions

Operation of the Project has the potential to generate criteria pollutant emissions through vehicle trips traveling to and from the Project Site. In addition, emissions would result from on-site sources such as natural gas combustion, landscaping equipment, and use of consumer products. Operational impacts were assessed for the Project buildout year (i.e., as early as 2022 assuming construction begins at the earliest possible time in the second quarter of 2020).

The operational emissions are also estimated using the CalEEMod software. CalEEMod was used to forecast the Project's daily regional emissions from area and energy sources that would occur during long-term Project operations. Mobile source emissions were estimated based on CARB's EMFAC2017 and used to generate Air Basin-specific vehicle fleet emission factors in units of grams per mile, which are then converted to pounds per mile. Mobile source emissions were estimated based on CARB's EMFAC2017 emission factors which were generated and incorporated into CalEEMod and using trip rates from the Project's traffic study.[129] As mentioned above, conservatively, the Project traffic study did not include transit credit from public transit stops and used default trips rates in the Institute of Transportation Engineers, *Trip Generation, 10th Edition* In calculating mobile-source emissions, the trip length values were based on the distances provided in CalEEMod.

Area source emissions are landscaping equipment, and consumer product usage (including paints) rates provided in CalEEMod. Energy source emissions are based on natural gas combustion (building heating and water heaters). Natural gas usage factors in CalEEMod are based on the California Energy Commission (CEC) California Commercial End Use Survey (CEUS) data set,

[129] Crain & Associates, Jefferson Hotel Project Traffic Study, 2020.

which provides energy demand by building type and climate zone.[130] However, since the data from the CEUS is from 2002, correction factors are incorporated into CalEEMod to account for the appropriate version of the Title 24 Building Energy Efficiency Standards in effect.

Operational air quality impacts are assessed based on the incremental increase in emissions compared to baseline conditions. As discussed previously, the Project Site is currently developed with low-level commercial buildings which are currently in use and have existing operational emissions as shown in Table 1. Therefore, the Project's operational emissions analysis subtracts the emissions from the existing uses that would be removed as part of the Project to estimate the total net new emissions from the Project. The maximum daily net emissions from operation of the Project are compared to the SCAQMD daily regional significance thresholds.

The localized effects from the onsite portion of the operational emissions are evaluated at nearby sensitive receptor locations potentially impacted by the Project according to the SCAQMD's Localized Significance Threshold Methodology, which relies on on-site mass emission rate screening tables and project-specific dispersion modeling, where appropriate. Similar to construction, the SCAQMD LST screening criteria applicable to a 1-acre site in SRA 2 with sensitive receptors located within 25 meters to the Project Site was used. Detailed emissions calculations are provided in Appendix A.

# 4.4 Toxic Air Contaminants (TACs)

## Construction

The greatest potential for TAC emissions during construction would be related to diesel particulate matter (DPM) emissions associated with heavy-duty equipment during demolition, excavation and grading activities. Construction activities associated with the Project would be sporadic, transitory, and short term in nature (approximately three years Although Project construction would be temporary, construction impacts associated with TACs are addressed quantitatively in a refined HRA.

The SCAQMD does not require projects to prepare quantitative construction HRAs and has no guidance on construction HRAs. Thus, health risk calculations were used from available guidance based on SCAQMD's risk assessment procedures normally used to evaluate health risk impacts from long-term operations for stationary source facility permit projects.

### Emissions

As discussed previously, the Project's construction emissions were estimated using the CalEEMod software, an emissions computer model recommended by the SCAQMD. DPM emissions were assumed to be equal to PM10 exhaust emissions reported by CalEEMod. According to documentation from CARB, diesel exhaust consists of 92 percent PM2.5 and 100 percent PM10 (PM2.5 is a subset of PM10). Therefore, utilizing the PM10 exhaust emissions

[130] California Energy Commission, California Commercial End-Use Survey, http://capabilities.itron.com/CeusWeb/Chart.aspx. Accessed March 2019.

reported by CalEEMod is appropriate for analyzing potential health risk impacts from diesel particulate matter.

The construction HRA included DPM emissions from on-road construction haul and vendor truck trips were estimated using CARB's EMFAC2017 model. Emissions factors for the starting year were conservatively used for each construction phase as the emission factors tend to decrease in the later years. For example, if a phase started in 2021 and ended in 2022, emission factors for 2021 were applied. For the purposes of this quantitative construction HRA, truck emissions were limited to those emissions that would occur within an approximately 0.25-mile radius of the Project Site boundaries, which is consistent with general SCAQMD recommendations for HRAs when siting sources of TACs in relation to sensitive receptors.[131]

Idling emissions associated with heavy-duty trucks were estimated based on the Project's truck trips and idling emission factors for heavy-duty vehicles from EMFAC2017 for on-road emissions. It was assumed haul and vendor trucks' idling activities would total 15 minutes per trip, representing three separate 5-minute idling occurrences: check-in to the site or queuing at the site boundary upon arrival, on-site idling during loading/unloading, and check-out of the site or queuing at the site boundary upon departure. The 5-minute limit per idling occurrence is consistent with the CARB's ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling.

The maximum daily construction emissions were estimated for each construction phase and parcel of the Project. The maximum daily emissions are predicted values for a representative worst-case day based on heavy duty equipment being continuously used for eight hours. These emissions would not represent the emissions that would occur for every day of construction. The maximum daily emissions of each construction phase were applied in the refined HRA analysis thereby providing a conservative analysis. Detailed calculations can be found in Appendix A of this Air Quality Technical Report.

## Dispersion Modeling

This construction HRA used the American Meteorological Society/Environmental Protection Agency regulatory air dispersion model (AERMOD version 18081) to estimate ambient concentrations of DPM at off-site residential. Residential receptors had a spacing of 10 meters and each receptor was placed at a height of zero meters in accordance with SCAQMD modeling guidance for AERMOD.[132] Besides receptors, the AERMOD model requires numerous other inputs, such as meteorological data, topographical data, and source parameters,.

131 SCAQMD, Rule 212, Standards for Approving Permits and Issuing Public Notice, http://www.aqmd.gov/docs/default-source/rule-book/reg-ii/rule-212.pdf. Accessed February 2019. The SCAQMD provides recommendations for HRAs for facilities that have stationary sources or substantial daily trucks trips (such as warehouses, transit centers, truck stops, etc.).

132 SCAQMD, Modeling Guidance for AERMOD, https://www.aqmd.gov/home/air-quality/air-quality-data-studies/meteorological-data/modeling-guidance. Accessed February 2019.

### *Meteorological Data*

This analysis used the AERMOD-ready meteorological dataset of the nearest meteorological air monitoring site, which is located at the Santa Monica Airport. The dataset includes five years of data from 2012-2016. The data was obtained from SCAQMD's meteorological database.

### *Modeling Terrain*

Terrain and elevation data was imported from the United States Geological Survey's (USGS) National Elevation Dataset (NED) (United States Geological Survey 2013). The dataset consists of ground surface elevation data for the United States, Canada, and Mexico. Elevations for the modeled receptors and buildings were based on a NED dataset with a 10-meter resolution.

Based on the land use characteristics in the Project vicinity, urban dispersion coefficients were used in AERMOD. The site was modeled with the urban population of 9,818,605 based on SCAQMD's modeling guidance for AERMOD. The urban option in AERMOD accounts for increased turbulence associated with the urban heat island effect.

As noted above, construction sources include off-road construction equipment, on-road diesel trucks (including haul trucks and vendor trucks), and diesel truck idling. The modeling parameters used in AERMOD for each source are discussed below.

### *Modeled Source Characters*

As noted above, construction sources include off-road construction equipment, on-road diesel trucks (including haul trucks and vendor trucks), and diesel truck idling. The modeling parameters used in AERMOD for each source are discussed below.

Emission rates from the construction emission sources were based on the anticipated hours of activity for each source as described above. Each emission source was modeled separately within AERMOD. The analysis used a unitized emission rate concept for each source group, where each source group is modeled with a unitized emission rate of 1 gram/second (g/s). The modeled concentration at each receptor (micrograms per cubic meter [$\mu/m^3$]/[g/s]) represents a "dispersion factor," which was then multiplied by the actual emission rate of each source group to determine actual concentrations, and the final result from all the sources was superimposed.

### Off-road Equipment

The exhaust emissions from off-road construction equipment were modeled as an area source equal to the size of the construction area, with a 5-meter release height and 1.4-meter initial vertical dispersion. For all construction activities, an even distribution of construction emissions over the entire area of construction for each construction phase was used with the assumption that emissions would originate from all potential locations within the construction source grid.

### On-Road Heavy Duty Truck Travel

To represent the truck haul route, a line volume source (i.e., line sources as a series of volume sources) was placed along Slauson Avenue heading east, turning right onto Jefferson Boulevard,

and then turning right onto Interstate 405. The haul route was modeled with a 10-foot release height.[133]

### Heavy Duty Truck Travel

DPM emissions for truck idling were assumed to occur along the service alley adjacent to the Project Site. Idling emissions were modeled as a line area source with a release height of 10 feet to represent haul trucks checking in and out of the construction site, as well as emissions from loading/unloading activities.[134] Although loading/unloading activities may take place at a different location, modeling these emissions at this location would be more conservative because emissions would be closer to the identified sensitive receptors across the service alley.

### Spatial Averaging

HRA results for an individual receptor are typically based on air dispersion modeling results at a singled point or location. This assumption is used in risk assessment to prevent underestimation of health impacts to off-site receptors, however, the OEHHA guidance acknowledges that basing risk estimated on a single point or location does not take into account that a person does not remain at on one location on their property, or in one location at the workplace over an extended period of time. The OEHHA guidance states the average air concentration over a small area is likely to be more representative of impacts rather than using a single point or location, this is known as spatial averaging.

Spatial averaging was incorporated into the construction HRA. In an accordance with the OEHHA methodology for using spatial averaging, the maximum impacted residential receptor (MIRR) was identified in the first iteration of AERMOD modeling. Once the MIRR was identified, a nested grid with a dimension of 20 meters by 20 meters, which OEEHA states represents an area that is the size of a small lot, was placed on the parcel of the MIRR location. The nested grid has a total of 25 receptors with a receptor spacing of five meters and receptor heights of zero meters. A second iteration of the AERMOD modeling was conducted to include the nested grid. The concentrations of the 25 nested receptors were averaged. This average was used to represent the annual average concentration for the MIRR.

## Risk Characterization

Health risk calculations were performed using the Office of Environmental Health Hazard Assessment (OEHHA) methodologies and exposure parameters, and the corresponding SCAQMD guidance documents. In March 2015, OEHHA updated the methods for estimating cancer risks to use higher estimates of cancer potency during early life exposures and to use different assumptions for breathing rates and length of residential exposures. The new guidance, Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments,

133 Bay Area Air Quality Management District, Recommended Methods for Screening and Modeling Local Risks and Hazards, May 2012, p.71, http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/risk-modeling-approach-may-2012.pdf. Accessed February 19, 2019.

134 Bay Area Air Quality Management District, Recommended Methods for Screening and Modeling Local Risks and Hazards, May 2012, p.71, http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/risk-modeling-approach-may-2012.pdf. Accessed February 19, 2019.

incorporates advances in risk assessment with consideration of infants and children using Age Sensitivity Factors (ASF). These updated exposure factors can result in numeric life-time health risk values to be approximately two to three times higher than those calculated under the previous OEHHA guidelines. The quantitative construction HRA followed the OEHHA 2015 guidance.

This analysis calculated the cancer risk and chronic hazard indices to estimate Project-specific health risks for construction emissions using annual average pollutant ambient concentrations modeled by AERMOD.

The health risks are calculated as follows:

### *Residential Cancer Risk*

Equation 1: $Dose_{RESIDENT}$ (mg/kg/day) = $C_{AIR} \times DBR \times A \times EF \times CF$ where:

$C_{AIR}$ = concentration in air (µg/m$^3$)

DBR = daily breathing rate normalized to body weight (L/kg body weight-day)

A = inhalation absorption factor (1 for DPM, unitless)

EF = exposure frequency (unitless) (days/365 days)

CF = $10^{-6}$, correction factor, micrograms to milligrams conversion, liters to cubic meters conversion

Equation 2: $Risk_{INH\text{-}RESIDENT}$ (in one million) = $Dose_{AIR} \times CPF \times ASF \times ED/AT \times FAH \times CCF$ where:

$Dose_{AIR}$ = daily inhalation dose (mg/kg-day)

CPF = cancer potency factor (mg/kg-day)$^{-1}$

ASF = age sensitivity factor (unitless)

ED = exposure duration (years)

AT = averaging time for lifetime cancer risk (years)

FAH = fraction of time spent at home (unitless)

A summary of the exposure parameters used under this methodology are shown in **Table 5**, *Cancer Risk Exposure Parameters*.

**TABLE 5**
**CANCER RISK EXPOSURE PARAMETERS**

| | Residential | |
|---|---|---|
| **Parameter** | **3rd Trimester** | **0 < 2 years** |
| $C_{AIR}$ | Based on AERMOD dispersion modeling results | |
| DBR [a] (L/kg BW-day) | 361 | 1,090 |
| A [b] (unitless) | 1 | 1 |
| EF [b] (unitless) | 0.96 | 0.96 |
| CF [b] (unitless) | $10^{-6}$ | $10^{-6}$ |
| CPF [b] (mg/kg-day$^{-1}$) | 1.1 | 1.1 |

| | Residential | |
|---|---|---|
| **Parameter** | **3rd Trimester** | **0 < 2 years** |
| ASF [b] (unitless) | 10 | 10 |
| ED [b,c] (years) | 0.25 | 1.9 |
| AT [b] (years) | 70 | 70 |
| FAH [a] (unitless) | 1 | 1 |
| CCF [b] (unitless) | $10^6$ | $10^6$ |

[a] SCAQMD 2017 Risk Assessment Procedures, Permit Application N, Use in conjunction with the Risk Assessment Guideline 1401,1401.1, and 212
[b] OEHHA 2015 Guidance Manual.
[c] Based on estimated construction duration used in this technical report.

## Risk Assessment

The assessment of health risks determines the relationship between the magnitude of chemical exposure and the nature and magnitude of adverse health risks resulting from this exposure. Cancer and chronic health risks were calculated using the OEHHA cancer potency factor (CPF) and Recommended Exposure Level (REL) for DPM.[135] The Scientific Review Panel recommends a CPF for DPM of $3.0\times10^{-4}$ $(\mu g/m^3)^{-1}$ and a slope factor of 1.1 $(mg/kg\text{-}day)^{-1}$.[136] There is no acute toxicity factor for DPM.

## Age Sensitivity Factors

The estimated excess lifetime cancer risks for residential receptors (including the early-in-life exposure) were adjusted using the ASFs recommended in the California Environmental Protection Agency (Cal/EPA) OEHHA Technical Support Document and 2015 OEHHA guidance.[137] This approach accounts for an "anticipated special sensitivity to carcinogens" of infants and children. Cancer risk estimates were weighted by a factor of 10 for exposures that occur from the third trimester of pregnancy to two years of age and by a factor of three for exposures that occur from 2 to 15 years of age. No weighting factor (i.e., an ASF equal to one, which is equivalent to no adjustment) is applied to ages 16 to 70 years.

## Cancer Risk Calculation

Excess lifetime cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over a lifetime as a direct result of exposure to carcinogens. The risk is expressed as a unitless probability, and was calculated as the number of cancer incidences per million individuals in the refined HRA. The cancer risk for each chemical was calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the

[135] OEHHA, Hot Spots Unit Risk and Cancer Potency Factors, https://oehha.ca.gov/air/air-toxics-hot-spots. Accessed February 19, 2019.
[136] OEHHA, Hot Spots Unit Risk and Cancer Potency Factors, https://oehha.ca.gov/air/air-toxics-hot-spots. Accessed February 19, 2019.
[137] Cal/EPA, *Technical Support Document for Cancer Potency Factors: Methodologies for derivation, listing of available values, and adjustments to allow for early life stage exposures.* May 2009. https://oehha.ca.gov/media/downloads/crnr/tsdcancerpotency.pdf. Accessed February 2019.

DPM CPF. For cancer risk, the SCAQMD guidance identifies a significant impact if a project would result in an incremental cancer risk that is greater than 10 in one million for a sensitive receptor.

### Chronic Health Impacts

Non-cancer effects of chronic (i.e., long- term) DPM exposures were evaluated using the Hazard Index (HI) approach consistent with the OEHHA guidance. The chronic HI was calculated by dividing the modeled annual average concentration by the Reference Exposure Level (REL). The REL is the concentration at or below which no adverse health effects are anticipated. The REL for DPM was obtained from OEHHA. OEHHA has recommended an ambient concentration of 5 micrograms per cubic meter ($\mu g/m^3$) as the chronic inhalation REL for DPM exhaust. The SCAQMD guidance identifies a significant impact if a project would result in an incremental chronic HI that is greater than 1.0.

## Operations

During long-term operations, TACs could be emitted as part of periodic maintenance operations, periodic testing and maintenance of the emergency generator, restaurant charbroiling, from routine cleaning, from periodic painting, etc., and from periodic visits from delivery trucks and service vehicles. However, these events are expected to be occasional and result in minimal emissions exposure to off-site sensitive receptors. As the Project consists of residential, hotel, retail, office, restaurant uses, and other commercial uses, the Project would not include sources of substantial TAC emissions identified by the SCAQMD or CARB siting recommendations.[138,139] Thus, a qualitative analysis is appropriate for assessing the Project's operational emissions.

[138] SCAQMD, Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning, 2005, Table 2-3.

[139] CARB, Air Quality and Land Use Handbook: A Community Health Perspective, 2005, Table 1-1.

# SECTION 5
# Environmental Impacts

**Threshold a)** Would the Project conflict with or obstruct the implementation of the applicable air quality plan?

**Impact Statement: The Project's short-term jobs during construction would not conflict the AQMP's long-term employment projections and Project construction would also comply with the applicable regulations for reducing criteria pollutant emissions during construction activities. The Project's employee growth would not exceed the expected regional growth projections and would be consistent with regulations for reducing criteria pollutants. Therefore, the Project's construction and operations would not conflict with implementation of the AQMP or relevant air quality-related policies in the General Plan or other adopted regional and local plans adopted for reducing air quality impacts and impacts would be less than significant.**

## 5.1 Consistency with Air Quality Plan

### Construction

Under this criterion, the SCAQMD recommends that lead agencies demonstrate that a project would not directly obstruct implementation of an applicable air quality plan and that a project be consistent with the assumptions (typically land-use related, such as resultant employment or residential units) upon which the air quality plan is based. The Project would result in an increase in short-term employment compared to existing conditions. Although the Project will require workers over the construction process, these jobs are temporary in nature. Construction jobs under the Project would not conflict with the long-term employment projections upon which the AQMP is based. Control strategies in the AQMP with potential applicability to short-term emissions from construction activities include strategies denoted in the AQMP as MOB-08 and MOB-10, which are intended to reduce emissions from on-road and off-road heavy-duty vehicles and equipment by accelerating replacement of older, emissions-prone engines with newer engines meeting more stringent emission standards. Consistent with the Project, trucks and other vehicles in loading and unloading queues would be parked with engines off to reduce vehicle emissions during construction activities. Furthermore, the Project would utilize off-road diesel equipment greater than 50 hp that meet USEPA Tier 4 Final off-road emission standards, as per PDF-AIR-1. Additionally, the Project would comply with CARB requirements to minimize short-term emissions from on-road and off-road diesel equipment. The Project would also comply with SCAQMD regulations for controlling fugitive dust pursuant to SCAQMD Rule 403.

Compliance with these requirements is consistent with and meets or exceeds the AQMP requirements for control strategies intended to reduce emissions from construction equipment and

activities. Because the Project would not conflict with the control strategies intended to reduce emissions from construction equipment, the Project would not conflict with or obstruct implementation of the AQMP, and impacts would be less than significant.

## Operation

The AQMP was prepared to accommodate growth, reduce the levels of pollutants within the areas under the jurisdiction of SCAQMD, return clean air to the region, and minimize the impact on the economy. Projects that are considered consistent with the AQMP would not interfere with attainment because this growth is included in the projections used in the formulation of the AQMP.

The Project Site is located Culver City and the Project Site is currently zoned as "CG" Commercial General based on the City's Zoning Map. The Project would be replacing the existing low-level commercial buildings totaling 13,301 square feet and a surface parking lot totaling 20,516 square feet and developing a five-story, 175-room boutique hotel and would comprise a total building area of approximately 111,000 gross square feet within a 0.78 acre (33,800 square feet) parcel (Project Site) that would be consistent with the current zoning designation. Also, the Project would be consistent with the Circulation Element of the City's General Plan. Also, the Project is committed to providing strong pedestrian connections to nearby recreational uses and nearby transit options. The Project Site is located approximately a quarter mile from the Westfield Culver City shopping mall and served by various bus routes operated by the Los Angeles County Metropolitan Transportation Authority (Metro) and Culver City Bus with bus stops located in close proximity to the Project Site, including the Culver City Transit Center Bus Station that is located approximately 900 feet southeast of the Project Site that is served by the Culver City bus routes 3,4 and 6 and the Metro bus routes 108, 110 and 217. The Metro Expo Line Culver City light rail station is approximately two and three quarter miles north of the Project Site. The Project would concentrate recreational uses and employment growth in an area served by the local bus lines. As such, the Project would not conflict with SCAG's 2016 RTP/SCS policies for the concentration of growth in proximity to transit.

The Project would generate indirect growth associated with hotel employees. The proposed building includes the development of a 111,000 gross square feet (175 room) hotel including an associated ground-floor restaurant use. These uses could indirectly increase the population of the City by approximately 85 persons.[140] The estimated 85-person indirect increase in the City's population would represent a 0.24 percent increase to the existing population (39,214 persons) in

[140] Based on 108,100 square feet (SF) hotel × 0.00113 employees per average SF (per the Lodging factor from Table 12 of the 2018 Developer School Fee Justification Study, LAUSD, March 2018) = 122 employees + 2,900 SF restaurant × 0.00271 (per the Neighborhood Shopping Centers factor from Table 12 of the 2018 Developer School Fee Justification Study, LAUSD, https://achieve.lausd.net/cms/lib/CA01000043/Centricity/Domain/921/LAUSD%20Dev%20Fee%20Study%202018%20FINAL.pdf, March 2018) = 8 employees for a total of 130 employees on the Project Site. 130 employees × 0.25 × 2.63 (per the average household size of 2.63 persons/household for Culver City, U.S. Census Bureau, July 1, 2018 Estimates Census, https://www.census.gov/quickfacts/fact/table/US/PST045218?, accessed November 2019.) = 85 indirect residents. Indirect residents are one-quarter of the employees multiplied by 2.63 persons per household.

Culver City.[141] According to the Southern California Association of Governments (SCAG), Culver City's forecast population and household growth of 1,600 persons and 700 households is predicted between 2012 and 2040.[142] This slow rate of growth indicates that population increase due to construction of multi-family housing has been offset by other factors such as residents moving out of Culver City. The estimated 85-person indirect Project generated increase in population is within SCAG's growth forecast. The Project is estimated to introduce up to approximately 130 employees.[143] According to SCAG, the forecast of employment growth predicted between 2012 and 2040 for Culver City is 8,900 jobs.[144] Project employment is within the employment growth assumptions of Culver City. In addition, it is anticipated that some of the employment opportunities offered by the Project would be filled by persons already residing in the vicinity of the Project Site and the potential growth associated with the Project employees who many relocate their place of residence would not be substantial. Furthermore, the Project would be located in an area already served by existing infrastructure and anticipated within applicable Culver City infrastructure plans (i.e., roadways, utility lines, etc.). As such, the estimated 130 hotel employees and 85 indirect residents generated by the Project are within SCAG's employment growth assumptions of Culver City. As such, the Project would not generate growth beyond the range of development anticipated within the established SCAG regional forecast for Culver City. The Project would not increase or induce residential density growth not otherwise anticipated.

Therefore, based on the above analysis, the Project would not spur additional growth other than that already anticipated for Culver City and would not eliminate impediments to growth. Consequently, the Project would not foster growth inducing impacts in conflict with the assumptions in the AQMP. The Project would not conflict with the AQMP and impacts would be less than significant.

**Threshold b)** Would the Project 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?

141 U.S. Census Bureau, QuicFacts – Culver City, https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=CF, accessed October 2019.

142 Southern California Association of Governments, 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy, Demographic and Growth Forecast Appendix, Table 11, Jurisdictional Forecast, page 23, April 2016 http://scagrtpscs.net/Documents/2016/final/f2016RTPSCS_DemographicsGrowthForecast.pdf, accessed October 2019.

143 108,100 SF hotel × 0.00113 employees per average SF (per the Lodging factor from Table 12 of the 2018 Developer School Fee Justification Study, LAUSD, March 2018) = 122 employees + 2,900 SF restaurant × 0.00271 (per the Neighborhood Shopping Centers factor from Table 12 of the 2018 Developer School Fee Justification Study, LAUSD, https://achieve.lausd.net/cms/lib/CA01000043/Centricity/Domain/921/LAUSD%20Dev%20Fee%20Study%202018%20FINAL.pdf, March 2018) = 8 employees for a total of 130 employees on the Project Site.

144 Southern California Association of Governments, 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy, Demographic and Growth Forecast Appendix, Table 11, Jurisdictional Forecast, page 23, April 2016 http://scagrtpscs.net/Documents/2016/final/f2016RTPSCS_DemographicsGrowthForecast.pdf, accessed October 2019.

**Impact Statement: The South Coast Air Basin is designated as non-attainment for ozone, PM10, and PM2.5 under federal and/or state ambient air quality standards. Construction and operation of the Project would generate emissions that would contribute to basin-wide air pollutant emissions, however, the Project's construction and operations regional emissions would not exceed the SCAQMD thresholds for any criteria pollutant, including ozone precursors (VOCs and $NO_X$), PM10, and PM2.5. Therefore, the Project's regional construction and operational emissions would not contribute to a cumulatively considerable net increase of criteria pollutants and impacts would be less than significant.**

## 5.2 Cumulatively Considerable Non-Attainment Pollutants

The Project would result in emissions of criteria air pollutants for which the region is in non-attainment during both construction and operation. The Air Basin fails to meet the NAAQS for $O_3$ and $PM_{2.5}$, and therefore is considered a federal "non-attainment" area for these pollutants. The Air Basin also does not meet the CAAQS for PM10. SCAQMD has designed significance thresholds to assist the region in attaining the applicable CAAQS and NAAQS, apply to both primary (criteria and precursor) and secondary pollutants (ozone). An analysis of the Project's construction and operational emission impacts is provided below based on the SCAQMD daily regional significance thresholds.

### Construction Emissions

The Project's maximum daily construction emissions were calculated as pounds per day for each construction phase by year. Some Project construction phases would overlap and the maximum daily emissions account for the overlapping activities. In addition, construction contractors are required to comply with the applicable provision of SCAQMD Rule 403 for controlling fugitive dust emissions. Applicable fugitive dust control measures are incorporated into the construction emissions modeling within the SCAQMD-approved CalEEMod software and include the application of water (or non-toxic soil stabilizer) to disturbed areas and unpaved road surfaces and limiting vehicle speeds to 15 miles per hour on unpaved surfaces. The estimated maximum daily values do not represent the emissions that would occur for every day of construction. Due to variability in day-to-day construction activities, emissions could be lower on any given day, particularly on days when overlapping construction activities are not occurring. Results of the criteria pollutant calculations are presented in **Table 6**, *Maximum Unmitigated Regional Construction Emissions*. As shown therein, construction-related daily emissions for the criteria and precursor pollutants (VOC, $NO_X$, CO, $SO_X$, PM10, and PM2.5) would be below SCAQMD significance thresholds. Therefore, impacts related to regional construction emissions would be less than significant.

**TABLE 6**
**MAXIMUM UNMITIGATED REGIONAL CONSTRUCTION EMISSIONS (POUNDS PER DAY)[a]**

| Source | VOC | $NO_X$ | CO | $SO_2$ | PM10[b] | PM2.5[b] |
|---|---|---|---|---|---|---|
| Demolition - 2020 | <1 | 3 | 13 | <1 | 1 | <1 |
| Excavation - 2020 | 1 | 24 | 20 | <1 | 5 | 2 |
| Foundations - 2020 | <1 | 2 | 10 | <1 | <1 | <1 |
| Continuous Concrete Pour - 2020 | 2 | 45 | 18 | <1 | 5 | 2 |
| Building Construction - 2021 | 1 | 4 | 11 | <1 | 1 | <1 |
| Building Construction - 2022 | 1 | 4 | 11 | <1 | 1 | <1 |
| Paving - 2021 | <1 | 2 | 13 | <1 | <1 | <1 |
| Architectural Coating - 2022 | 15 | <1 | 3 | <1 | <1 | <1 |
| **2020** | | | | | | |
| Foundations + Continuous Concrete Pour | 2 | 47 | 28 | <1 | 5 | 2 |
| **2021** | | | | | | |
| Building Construction + Paving | 1 | 6 | 24 | <1 | 1 | 1 |
| **2022** | | | | | | |
| Building Construction + Architectural Coatings | 15 | 4 | 14 | <1 | 1 | <1 |
| **Maximum Daily Construction Emissions** | **15** | **47** | **28** | <1 | **5** | **2** |
| SCAQMD Regional Significance Threshold | 75 | 100 | 550 | 150 | 150 | 55 |
| Exceeds Threshold? | No | No | No | No | No | No |

NOTES:
[a] Totals may not add up exactly due to rounding in the modeling calculations. Detailed emissions calculations are provided in Appendix A.
[b] Emissions include fugitive dust control measures consistent with SCAQMD Rule 403.
[c] Analysis accounted for emissions from overlapping phases.

SOURCE: ESA 2019

## Operational Emissions

Operational criteria pollutant emissions were calculated for mobile, area, and stationary sources for the Project buildout year (2022). Daily trip generation rates for the Project were provided by the Project's traffic study and include trips associated with the proposed hotel uses.[145] Results of the criteria pollutant calculations are presented in **Table 7**, *Maximum Unmitigated Regional Operational Emissions*. The net increase in operational-related daily emissions (Project emissions minus existing emissions) for the criteria and precursor pollutants (VOC, $NO_X$, CO, $SO_X$, PM10, and PM2.5) would be substantially below the SCAQMD thresholds of significance. Therefore, Project-related operational emissions would result in a less than significant impact.

[145] Crain & Associates, Jefferson Hotel Project Traffic Study, 2020.

**TABLE 7**
**MAXIMUM UNMITIGATED REGIONAL OPERATIONAL EMISSIONS (POUNDS PER DAY)[a]**

| Source | VOC | $NO_X$ | CO | $SO_2$ | PM10 | PM2.5 |
|---|---|---|---|---|---|---|
| Area | 3 | <1 | <1 | <1 | <1 | <1 |
| Energy | <1 | 1 | 1 | <1 | <1 | <1 |
| Mobile | 5 | 5 | 36 | <1 | 7 | 2 |
| Total Project Operational Emissions | 8 | 5 | 37 | <1 | 7 | 2 |
| Existing Site Emissions Removed | 2 | 1 | 9 | <1 | 1 | <1 |
| **Net Maximum Regional Operational Emissions** | **6** | **4** | **27** | **<1** | **6** | **2** |
| SCAQMD Significance Threshold | 55 | 55 | 550 | 150 | 150 | 55 |
| Exceeds Thresholds? | No | No | No | No | No | No |

[a] Totals may not add up exactly due to rounding in the modeling calculations. Detailed emissions calculations are provided in Appendix A.

SOURCE: ESA 2020

The SCAQMD's approach for assessing cumulative impacts related to operations or long-term implementation is based on attainment of ambient air quality standards in accordance with the requirements of the CAA and California Clean Air Act. As discussed earlier, the SCAQMD has developed a comprehensive plan, the AQMP, which addresses the region's cumulative air quality condition.

A significant impact may occur if a project would add a cumulatively considerable contribution of a federal or California non-attainment pollutant. Because the Los Angeles County portion of the Air Basin is currently in non-attainment for ozone, $NO_2$, PM10, and $PM_{2.5}$, cumulative projects could exceed an air quality standard or contribute to an existing or projected air quality exceedance. Cumulative impacts to air quality are evaluated under two sets of thresholds for CEQA and the SCAQMD. In particular, Section 15064(h)(3) of the CEQA Guidelines provides guidance in determining the significance of cumulative impacts. Specifically, Section 15064(h)(3) states in part that:

> *A lead agency may determine that a project's incremental contribution to a cumulative effect is not cumulatively considerable if the project will comply with the requirements in a previously approved plan or mitigation program which provides specific requirements that will avoid or substantially lessen the cumulative problem (e.g., water quality control plan, air quality plan, integrated waste management plan) within the geographic area in which the project is located. Such plans or programs must be specified in law or adopted by the public agency with jurisdiction over the affected resources through a public review process to implement, interpret, or make specific the law enforced or administered by the public agency.*

For purposes of the cumulative air quality analysis with respect to CEQA Guidelines Section 15064(h)(3), the Project's incremental contribution to cumulative air quality impacts is determined based on compliance with the SCAQMD adopted the AQMP. As discussed above in

Section 5.1, *Consistency with Air Quality Management Plan*, the Project would not conflict with or obstruct implementation of AQMP and would be consistent with the growth projections in the AQMP.

Nonetheless, SCAQMD no longer recommends relying solely upon consistency with the AQMP as an appropriate methodology for assessing cumulative air quality impacts. The SCAQMD recommends that project-specific air quality impacts be used to determine the potential cumulative impacts to regional air quality. The Project's regional emissions would be below SCAQMD significance thresholds as shown in Table 7. In particular, non-attainment pollutant emissions of ozone precursors and particulate matter would not exceed the SCAQMD significance thresholds. The formation of ground-level ozone is a complex process due to photochemical reactions of precursor pollutants (i.e., VOC and $NO_X$ emissions) in the atmosphere in the presence of sunlight. Meteorological factors, such as wind, would result in dispersive effects of pollutants, including ozone precursor and particulate matter emissions, that are dispersed horizontally downwind and through vertical mixing. It is unlikely that the Project's emissions, which would not exceed the SCAQMD significance thresholds, would result in a substantial measurable increase in the respective pollutant concentrations in the Air Basin to a degree that clearly predictable and identifiable heath impacts would specifically result from this Project's emissions. Therefore, the Project's incremental contribution to long-term emissions of non-attainment pollutants and ozone precursors, considered together with cumulative projects, would not be cumulatively considerable, and therefore the cumulative impact of the Project would be less than significant.

**Threshold c)** Would the Project expose sensitive receptors to substantial pollutant concentrations?

**Impact Statement: The Project's maximum daily localized construction and operational emissions of criteria air pollutants would not exceed the applicable SCAQMD localized significance thresholds. Therefore, with respect to the Project's localized emissions, impacts would be less than significant**

**Project-generated traffic, together with other cumulative traffic in the area, would incrementally increase carbon monoxide levels at an intersection or roadway within one-quarter mile of a sensitive receptor. However, the Project would not cause or contribute to an exceedance of the CAAQS one-hour or eight-hour CO standards of 20 or 9.0 parts per million, respectively. Therefore, CO hotspot impacts would be less than significant.**

**Construction of the Project would result in the exposure of TACs, specifically DPM, during construction activities. The cancer risk and non-cancer health impacts would be below the SCAQMD significance thresholds, therefore, impacts related to construction TACs would**

**be less than significant. Based on the limited activity of TAC sources during operations, exposure would be limited and impacts related to TACs would be less than significant.**

# 5.3 Substantial Pollutant Concentrations

## Localized Construction Emissions

The localized construction air quality analysis was conducted using the methodology described in the SCAQMD Localized Significance Threshold Methodology (June 2003, revised July 2008).[146] The screening criteria provided in the Localized Significance Threshold Methodology were used to determine localized construction emissions thresholds for the Project. As previously discussed, SCAQMD recommends the evaluation of localized air quality impacts to sensitive receptors in the immediate vicinity of the Project. The thresholds are based on applicable short-term (24-hrs) CAAQS and NAAQS.

Using the Localized Significance Threshold Methodology, the results of the analysis determined localized Project-related construction emissions would be below the SCAQMD thresholds of significance. Results of the pollutant calculations are presented in **Table 8**, *Unmitigated Localized Construction Emissions*. The emissions for increase in construction-related daily emissions for the criteria and precursor pollutants ($NO_X$, CO, PM10, and PM2.5) would be substantially below the SCAQMD thresholds of significance. Therefore, Project-related localized construction emissions would result in a less than significant impact.

**TABLE 8**
**MAXIMUM UNMITIGATED LOCALIZED CONSTRUCTION EMISSIONS (POUNDS PER DAY)[a]**

| Source | $NO_X$ | CO | PM10[b] | PM2.5[b] |
|---|---|---|---|---|
| Demolition - 2020 | 1 | 12 | 0.3 | 0.1 |
| Excavation - 2020 | 1 | 16 | 2.4 | 1.3 |
| Foundations - 2020 | 1 | 10 | <0.1 | <0.1 |
| Continuous Concrete Pour - 2020 | 1 | 12 | <0.1 | <0.1 |
| Building Construction - 2021 | 2 | 9 | 0.1 | 0.1 |
| Building Construction - 2022 | 2 | 9 | 0.1 | 0.1 |
| Paving - 2021 | 2 | 12 | 0.1 | 0.1 |
| Architectural Coating - 2022 | <1 | 2 | 0.0 | <0.1 |
| **2020** | | | | |
| Foundations + Continuous Concrete Pour | 2 | 22 | 0.1 | 0.1 |
| **2021** | | | | |
| Building Construction + Paving | 4 | 21 | 0.2 | 0.2 |

146 South Coast Air Quality Management District, Localized Significance Thresholds, (2003, revised 2008), http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/localized-significance-thresholds. Accessed March 2019.

| Source | $NO_X$ | CO | PM10[b] | PM2.5[b] |
|---|---|---|---|---|
| **2022** | | | | |
| Building Construction + Architectural Coatings | 2 | 11 | 0.1 | 0.1 |
| **Maximum Daily Construction Emissions** | **4** | **22** | **2** | **1** |
| SCAQMD Localized Significance Threshold | 103 | 562 | 4 | 3 |
| Exceeds Threshold? | No | No | No | No |

NOTES:

[a] Totals may not add up exactly due to rounding in the modeling calculations. Detailed emissions calculations are provided in Appendix A.

[b] Emissions include fugitive dust control measures consistent with SCAQMD Rule 403.

[c] Analysis accounted for emissions from overlapping phases.

SOURCE: ESA 2019

## Localized Operational Emissions

The Project's localized operational air quality analysis was conducted using the methodology described in the SCAQMD Localized Significance Threshold Methodology (June 2003, revised July 2008). The screening criteria provided in the Localized Significance Threshold Methodology were used to determine localized operational emissions thresholds for the Project. The maximum daily increase in localized emissions and localized significance thresholds are presented in **Table 9**, *Maximum Unmitigated Localized Operational Emissions*. As shown therein, the increase in maximum localized operational emissions for sensitive receptors would be substantially below the localized thresholds for $NO_X$, CO, PM10, and PM2.5. Therefore, with respect to localized operational emissions, impacts would be less than significant.

**TABLE 9**
**MAXIMUM UNMITIGATED LOCALIZED OPERATIONAL EMISSIONS (POUNDS PER DAY)[a]**

| Source | $NO_X$ | CO | PM10 | PM2.5 |
|---|---|---|---|---|
| Area | <1 | <1 | <0.1 | <0.1 |
| Energy | 1 | 1 | 0.1 | 0.1 |
| Total Localized Project Operational Emissions | 1 | 1 | 0.1 | 0.1 |
| Localized Existing Site Emissions Removed | <1 | <1 | <0.1 | <0.1 |
| **Net Maximum Localized Operational Emissions** | 1 | 1 | 0.1 | 0.1 |
| SCAQMD Significance Threshold | 103 | 562 | 1 | 1 |
| Exceeds Thresholds? | No | No | No | No |

[a] Totals may not add up exactly due to rounding in the modeling calculations. Detailed emissions calculations are provided in Appendix A.

SOURCE: ESA 2020

## Carbon Monoxide Hotspots

The potential for the Project to cause or contribute to CO hotspots is evaluated by comparing Project intersections (both intersection geometry and traffic volumes) with prior studies conducted by SCAQMD in support of their AQMPs and considering existing background CO concentrations. As discussed below, this comparison demonstrates that the Project would not cause or contribute considerably to the formation of CO hotspots, that CO concentrations at Project impacted intersections would remain well below the ambient air quality standards, and that no further CO analysis is warranted or required.

As shown previously in Table 2, CO levels in the Project area are substantially below the federal and state standards. Maximum CO levels in recent years are 2.2 ppm (one-hour average) and 1.3 ppm (eight-hour average) compared to the thresholds of 20 ppm (one-hour average) and 9.0 ppm (eight-hour average). CO levels decreased dramatically in the Air Basin with the introduction of the catalytic converter in 1975. No exceedances of CO have been recorded at monitoring stations in the Air Basin for some time and the Air Basin is currently designated as a CO attainment area for both the CAAQS and NAAQS. Thus, it is not expected that CO levels at Project-impacted intersections would rise to the level of an exceedance of these standards.

Additionally, SCAQMD conducted CO modeling for the 2003 AQMP for the four worst-case intersections in the Air Basin: (1) Wilshire Boulevard and Veteran Avenue; (2) Sunset Boulevard and Highland Avenue; (3) La Cienega Boulevard and Century Boulevard; and (4) Long Beach Boulevard and Imperial Highway. In the 2003 AQMP, SCAQMD notes that the intersection of Wilshire Boulevard and Veteran Avenue is the most congested intersection in Los Angeles County, with an average daily traffic volume of approximately 100,000 vehicles per day. This intersection is located near the on- and off-ramps to Interstate 405 in West Los Angeles. The evidence provided in the 2003 AQMP (Table 4-10 of Appendix V) shows that the peak modeled CO concentration due to vehicle emissions at these four intersections was 4.6 ppm (one-hour average) and 3.2 (eight-hour average) at Wilshire Boulevard and Veteran Avenue. When added to the existing background CO concentrations, the screening values would be 6.8 ppm (one-hour average) and 4.5 ppm (eight-hour average).

Based on the Project's traffic study, under future operational year plus Project conditions, the intersection of Centinela Avenue and Sepulveda Boulevard had the highest peak traffic volume with approximately 77,460 per day. [147] As a result, CO concentrations are expected to be less than those estimated in the 2003 AQMP, which would not exceed the thresholds. Thus, this comparison demonstrates that the Project would not contribute considerably to the formation of CO hotspots and no further CO analysis is required. The Project would result in less than significant impacts with respect to CO hotspots.

[147] Crain & Associates, Jefferson Hotel Project Traffic Study, 2020.

# Toxic Air Contaminants

## Construction

The Project's health risk calculations were performed using a spreadsheet tool consistent with the OEHHA guidance, which incorporates the algorithms, equations, and a variable described above as well as in the OEHHA guidance, and incorporates the results of the AERMOD dispersion model. **Table 10,** *Maximum Unmitigated Health Impacts for Off-Site Sensitive Receptors,* summarizes the cancer risk and non-cancer impacts for the maximum impacted sensitive receptors.

The cancer risk from DPM emissions from construction of the Project is estimated to result in a maximum cancer risk of approximately 9.2 per million, below the SCAQMD's significance threshold. As shown below, the Project would not result in a chronic hazard index greater than 1.0; therefore, chronic health risks would be less than significant. The maximum impacts would occur at a residential property across the service alley. As discussed previously, the lifetime exposure under OEHHA guidelines takes into account early life (infant and children) exposure. The calculated cancer risk is estimated for outdoor exposure and assumes that sensitive receptors (residential uses) would not have any mitigation such as mechanical filtration and that residential uses would have continuously open windows. As the maximum cancer risk and non-cancer impacts would be less than the SCAQMD significance thresholds, impacts would be less than significant.

**TABLE 10**
**MAXIMUM UNMITIGATED HEALTH IMPACTS FOR OFF-SITE SENSITIVE RECEPTORS**

| Sensitive Receptor | Maximum Cancer Risk (# in one million) | Hazard Index |
|---|---|---|
| Residential Land Use | 9.2 | 0.01 |
| Maximum Health Impact Thresholds | 10 | 1.0 |
| Exceeds Threshold? | No | No |

SOURCE: ESA 2019

The process of assessing health risks and impacts includes a degree of uncertainty, which is dependent on the availability of data and the extent to which assumptions are relied upon in cases where the data are incomplete or unknown. All HRAs rely upon scientific studies to reduce the level of uncertainty; however, it is not possible to completely eliminate uncertainty from the analysis. Where assumptions are used to substitute for incomplete or unknown data, it is standard practice in performing HRAs to err on the side of health protection to avoid underestimating or underreporting the risk to the public by assessing risk on the most sensitive populations, such as children and the elderly. As shown in Table 10, cancer risk for nearby sensitive receptors would remain below significance thresholds. These short-term emissions would not substantially contribute to a significant construction health risk. No residual emissions and corresponding individual cancer risk are anticipated after Project construction. Therefore, the proposed Project would result in a less than significant impact related to construction TAC emissions.

### Operation

SCAQMD recommends that health risk assessments be conducted for substantial sources of DPM emissions (e.g., truck stops and warehouse distribution facilities) and has provided guidance for analyzing mobile source diesel emissions. The Project is not anticipated to generate a substantial number of daily truck trips. Under existing conditions, trucks currently make deliveries from the service alley to the northwest of the site. With implementation of the Project, delivery truck loading and unloading would be moved to the interior of the Project Site in dedicated loading areas, creating greater separation between trucks and off-site sensitive receptors. Furthermore, typical sources of hazardous TACs include industrial manufacturing processes and automotive repair facilities. The Project would not include any of these potential sources, although minimal emissions may result from the use of consumer products (e.g., aerosol sprays). Based on this, the Project is not expected to release substantial amounts of TACs.

Therefore, based on the limited activity of TAC sources and TAC concentrations at off-site sensitive receptors relative to existing conditions, the Project would not warrant the need for a health risk assessment associated with on-site activities, and potential TAC impacts would be less than significant.

**Threshold d)** Would the result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

**Impact Statement: The Project's land uses are related to hotel uses and are not expected to result in other emissions or introduce substantial sources of odors and is not associated with any land uses or operations that are associated with odor complaints. Therefore, Project construction and operations would not result in other emissions or create objectionable odors affecting a substantial number of people and impacts would be less than significant.**

## 5.4 Other Emissions (Such as Odors)

### Construction

Potential sources that may emit odors during construction activities include the use of architectural coatings and solvents. SCAQMD Rule 1113 (Architectural Coatings) limits the amount of VOCs from architectural coatings and solvents. According to the SCAQMD CEQA Air Quality Handbook, construction equipment is not a typical source of odors. Odors from the combustion of diesel fuel would be minimized by complying with the CARB ATCM that limits diesel-fueled commercial vehicle idling to five minutes at any given location, which was adopted in 2004. The Project would also comply with SCAQMD Rule 402 (Nuisance), which prohibits the emissions of nuisance air contaminants or odorous compounds. Through adherence with mandatory compliance with SCAQMD Rules and State measures, construction activities and materials would not create objectionable odors. Construction of the Project's proposed uses would not be expected to generate nuisance odors at nearby sensitive receptors.

Results of the construction related criteria pollutant calculations are presented in Table 6 (regional) and Table 8 (localized). The daily emissions for criteria pollutants would be below

SCAQMD significance thresholds. Since implementation of the Project would not exceed the regional or localized significance thresholds for attainment or non-attainment pollutants, the Project is not anticipated to contribute to health impacts related to these pollutants specifically because these thresholds were established at levels considered safe to protect public health, including the health of sensitive populations.

## Operations

According to the SCAQMD CEQA Air Quality Handbook, land uses associated with odor complaints typically include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding. The Project would not involve elements related to these types of uses. The Project would include various trash receptacles associated with the proposed development. On-site trash receptacles used by the Project would be covered and properly maintained to prevent adverse odors. With proper housekeeping practices, trash receptacles would be maintained in a manner that promotes odor control, and no adverse odor impacts are anticipated from the uses. Impacts with respect to odors would be less than significant.

Results of the operational related criteria pollutant calculations are presented in Table 7 (regional) and Table 9 (localized). The daily emissions for criteria pollutants would be below SCAQMD significance thresholds. Since implementation of the Project would not exceed the regional or local significance thresholds for attainment or non-attainment pollutants, the Project is not anticipated to contribute to health impacts related to these pollutants specifically because these thresholds were established at levels considered safe to protect public health, including the health of sensitive populations.

# SECTION 6
# Summary of Results

Air pollutant emissions associated with the Project have been evaluated to determine the level of impact from construction activities and future operations of the Project.

## 6.1 Construction

Construction of the Project has the potential to create air quality impacts through the use of heavy-duty construction equipment and through vehicle trips generated from construction workers traveling to and from the Project Site. In addition, fugitive dust emissions would result from grading and construction activities. However, use of typical construction equipment (in terms of size and age/emission standards) and compliance with Rule 403 requirements (regarding dust control measures such as watering three times per day and track out prevention measures), minimizes air emissions to the extent warranted.

As shown in Table 6, regional construction emissions would not exceed the SCAQMD significance thresholds. Therefore, impacts related to regional construction emissions would be less than significant. As shown in Table 8, localized emissions would not exceed the SCAQMD significance thresholds. Therefore, impacts related to localized construction emissions would be less than significant. As a result, Project-related construction impacts would be less than significant. As shown in Table 10, off-site residential health impacts would be below SCAQMD significant thresholds and exposure to TACs would result in less than significant impacts.

## 6.2 Operation

Air pollutant emissions associated with Project operations would be generated by the consumption of natural gas, use of consumer products, and by the operation of on-road vehicles. As shown in Table 7 and Table 9, regional and localized operational emissions associated with the Project would not exceed the SCAQMD daily significance thresholds. In addition, the Project would not result in a CO hotspot, or emit unhealthy levels of toxic air contaminants and odiferous emissions. Furthermore, the Project would be consistent with applicable air quality plans and policies. Therefore, impacts related to Project operational emissions and consistency with applicable air quality management plans, policies, or regulations would be less than significant.

# Appendix A

## The Jeff Hotel Project Air Quality Emissions Worksheets

ESA

# A-1 Project Construction Emissions

| Regional Maximums<br>Source | ROG | NOX | CO | SO2<br>lb/day | Total PM10 | Total PM2.5 |
|---|---|---|---|---|---|---|
| 3.2 Demolition - 2020 | 0.3 | 3.0 | 13.0 | 0.0 | 0.6 | 0.2 |
| 3.3 Excavation - 2020 | 1.0 | 23.9 | 19.7 | 0.1 | 5.0 | 2.3 |
| 3.4 Foundations - 2020 | 0.3 | 2.3 | 10.4 | 0.0 | 0.4 | 0.1 |
| 3.5 Continuous Concrete Pour - 2020 | 1.6 | 45.1 | 18.1 | 0.2 | 4.8 | 1.8 |
| 3.6 Building Construction - 2021 | 0.5 | 3.6 | 11.4 | 0.0 | 1.0 | 0.4 |
| 3.6 Building Construction - 2022 | 0.5 | 3.6 | 11.4 | 0.0 | 1.0 | 0.4 |
| 3.7 Paving - 2021 | 0.4 | 2.3 | 12.7 | 0.0 | 0.3 | 0.1 |
| 3.8 Architectural Coating - 2022 | 14.9 | 0.2 | 2.9 | 0.0 | 0.2 | 0.0 |
| **Overlapping Phases** | | | | | | |
| | **ROG** | **NOX** | **CO** | **SO2** | **Total PM10** | **Total PM2.5** |
| **2020** | | | | | | |
| Foundations + Continuous Concrete Pour | 1.8 | 47.5 | 28.5 | 0.2 | 5.2 | 1.9 |
| **2021** | | | | | | |
| Building Construction + Paving | 1.0 | 5.9 | 24.1 | 0.0 | 1.3 | 0.5 |
| **2022** | | | | | | |
| Building Construction + Architectural Coatings | 15.4 | 3.8 | 14.2 | 0.0 | 1.2 | 0.4 |
| **Project Daily Maximum Emissions** | **15.37** | **47.45** | **28.45** | **0.19** | **5.19** | **2.25** |
| SCAQMD Regional Significance Threshold | 75 | 100 | 550 | 150 | 150 | 55 |
| Exceeds Threshold? | No | No | No | No | No | No |

**Summer**

**Air Quality Construction Analysis**

| Summer | Onsite Emissions | | | | | | Offsite Emissions | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Source | ROG | NOX | CO | SO2 | Total PM10 | Total PM2.5 | ROG | NOX | CO | SO2 | Total PM10 | Total PM2.5 |
| | lb/day | | | | | | lb/day | | | | | |
| 3.2 Demolition - 2020 | 0.24 | 1.05 | 12.38 | 0.02 | 0.28 | 0.07 | 0.07 | 1.94 | 0.62 | 0.01 | 0.31 | 0.10 |
| 3.3 Excavation - 2020 | 0.31 | 1.33 | 16.29 | 0.03 | 2.41 | 1.34 | 0.71 | 22.56 | 3.39 | 0.07 | 2.54 | 0.92 |
| 3.4 Foundations - 2020 | 0.18 | 0.80 | 9.61 | 0.02 | 0.02 | 0.02 | 0.07 | 1.51 | 0.74 | 0.01 | 0.35 | 0.12 |
| 3.5 Continuous Concrete Pour - 2020 | 0.20 | 0.86 | 12.17 | 0.02 | 0.03 | 0.03 | 1.38 | 44.29 | 5.93 | 0.14 | 4.78 | 1.75 |
| 3.6 Building Construction - 2021 | 0.45 | 2.14 | 8.98 | 0.01 | 0.09 | 0.09 | 0.09 | 1.45 | 2.42 | 0.01 | 0.93 | 0.27 |
| 3.6 Building Construction - 2022 | 0.42 | 2.10 | 8.96 | 0.01 | 0.083 | 0.08 | 0.09 | 1.45 | 2.42 | 0.01 | 0.93 | 0.27 |
| 3.7 Paving - 2021 | 0.41 | 2.23 | 12.00 | 0.02 | 0.081 | 0.08 | 0.01 | 0.05 | 0.67 | 0.00 | 0.22 | 0.06 |
| 3.8 Architectural Coating - 2022 | 14.85 | 0.17 | 2.44 | 0.00 | 0.01 | 0.01 | 0.01 | 0.03 | 0.43 | 0.00 | 0.16 | 0.04 |

| Regional Emissions | ROG | NOX | CO | SO2 | Total PM10 | Total PM2.5 |
|---|---|---|---|---|---|---|
| 3.2 Demolition - 2020 | 0.3 | 3.0 | 13.0 | 0.0 | 0.6 | 0.2 |
| 3.3 Excavation - 2020 | 1.0 | 23.9 | 19.7 | 0.1 | 5.0 | 2.3 |
| 3.4 Foundations - 2020 | 0.3 | 2.3 | 10.4 | 0.0 | 0.4 | 0.1 |
| 3.5 Continuous Concrete Pour - 2020 | 1.6 | 45.1 | 18.1 | 0.2 | 4.8 | 1.8 |
| 3.6 Building Construction - 2021 | 0.5 | 3.6 | 11.4 | 0.0 | 1.0 | 0.4 |
| 3.6 Building Construction - 2022 | 0.5 | 3.6 | 11.4 | 0.0 | 1.0 | 0.4 |
| 3.7 Paving - 2021 | 0.4 | 2.3 | 12.7 | 0.0 | 0.3 | 0.1 |
| 3.8 Architectural Coating - 2022 | 14.9 | 0.2 | 2.9 | 0.0 | 0.2 | 0.0 |

**Overlapping Phases**

| | ROG | NOX | CO | SO2 | Total PM10 | Total PM2.5 |
|---|---|---|---|---|---|---|
| **2020** | | | | | | |
| Foundations + Continuous Concrete Pour | 1.8 | 47.5 | 28.5 | 0.2 | 5.2 | 1.9 |
| **2021** | | | | | | |
| Building Construction + Paving | 1.0 | 5.9 | 24.1 | 0.0 | 1.3 | 0.5 |
| **2022** | | | | | | |
| Building Construction + Architectural Coatings | 15.4 | 3.8 | 14.2 | 0.0 | 1.2 | 0.4 |
| **Project Daily Maximum Emissions** | **15.37** | **47.45** | **28.45** | **0.19** | **5.19** | **2.25** |

**Winter**

**Air Quality Construction Analysis**

| Winter | Onsite Emissions | | | | | | Offsite Emissions | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Source | ROG | NOX | CO | SO2 | Total PM10 | Total PM2.5 | ROG | NOX | CO | SO2 | Total PM10 | Total PM2.5 |
| | lb/day | | | | | | lb/day | | | | | |
| 3.2 Demolition - 2020 | 0.24 | 1.05 | 12.38 | 0.02 | 0.28 | 0.07 | 0.07 | 1.94 | 0.62 | 0.01 | 0.31 | 0.10 |
| 3.3 Excavation - 2020 | 0.31 | 1.33 | 16.29 | 0.03 | 2.41 | 1.34 | 0.71 | 22.56 | 3.39 | 0.07 | 2.54 | 0.92 |
| 3.4 Foundations - 2020 | 0.18 | 0.80 | 9.61 | 0.02 | 0.02 | 0.02 | 0.07 | 1.51 | 0.74 | 0.01 | 0.35 | 0.12 |
| 3.5 Continuous Concrete Pour - 2020 | 0.20 | 0.86 | 12.17 | 0.02 | 0.03 | 0.03 | 1.38 | 44.29 | 5.93 | 0.14 | 4.78 | 1.75 |
| 3.6 Building Construction - 2021 | 0.45 | 2.14 | 8.98 | 0.01 | 0.09 | 0.09 | 0.09 | 1.45 | 2.42 | 0.01 | 0.93 | 0.27 |
| 3.6 Building Construction - 2022 | 0.42 | 2.10 | 8.96 | 0.01 | 0.083 | 0.08 | 0.09 | 1.45 | 2.42 | 0.01 | 0.93 | 0.27 |
| 3.7 Paving - 2021 | 0.41 | 2.23 | 12.00 | 0.02 | 0.081 | 0.08 | 0.01 | 0.05 | 0.67 | 0.00 | 0.22 | 0.06 |
| 3.8 Architectural Coating - 2022 | 14.85 | 0.17 | 2.44 | 0.00 | 0.01 | 0.01 | 0.01 | 0.03 | 0.43 | 0.00 | 0.16 | 0.04 |

| Regional Emissions | ROG | NOX | CO | SO2 | Total PM10 | Total PM2.5 |
|---|---|---|---|---|---|---|
| 3.2 Demolition - 2020 | 0.3 | 3.0 | 13.0 | 0.0 | 0.6 | 0.2 |
| 3.3 Excavation - 2020 | 1.0 | 23.9 | 19.7 | 0.1 | 5.0 | 2.3 |
| 3.4 Foundations - 2020 | 0.3 | 2.3 | 10.4 | 0.0 | 0.4 | 0.1 |
| 3.5 Continuous Concrete Pour - 2020 | 1.6 | 45.1 | 18.1 | 0.2 | 4.8 | 1.8 |
| 3.6 Building Construction - 2021 | 0.5 | 3.6 | 11.4 | 0.0 | 1.0 | 0.4 |
| 3.6 Building Construction - 2022 | 0.5 | 3.6 | 11.4 | 0.0 | 1.0 | 0.4 |
| 3.7 Paving - 2021 | 0.4 | 2.3 | 12.7 | 0.0 | 0.3 | 0.1 |
| 3.8 Architectural Coating - 2022 | 14.9 | 0.2 | 2.9 | 0.0 | 0.2 | 0.0 |

**Overlapping Phases**

| | ROG | NOX | CO | SO2 | Total PM10 | Total PM2.5 |
|---|---|---|---|---|---|---|
| **2020** | | | | | | |
| Foundations + Continuous Concrete Pour | 1.8 | 47.5 | 28.5 | 0.2 | 5.2 | 1.9 |
| **2021** | | | | | | |
| Building Construction + Paving | 1.0 | 5.9 | 24.1 | 0.0 | 1.3 | 0.5 |
| **2022** | | | | | | |
| Building Construction + Architectural Coatings | 15.4 | 3.8 | 14.2 | 0.0 | 1.2 | 0.4 |
| **Project Daily Maximum Emissions** | **15.37** | **47.45** | **28.45** | **0.19** | **5.19** | **2.25** |

| Localized Emissions | | | Onsite Emissions | | |
|---|---|---|---|---|---|
| Source | NOX | CO | SO2 | Total PM10 | Total PM2.5 |
| | | | lb/day | | |
| 3.2 Demolition - 2020 | 1.05 | 12.38 | 0.02 | 0.28 | 0.07 |
| 3.3 Excavation - 2020 | 1.33 | 16.29 | 0.03 | 2.41 | 1.34 |
| 3.4 Foundations - 2020 | 0.80 | 9.61 | 0.02 | 0.02 | 0.02 |
| 3.5 Continuous Concrete Pour - 2020 | 0.86 | 12.17 | 0.02 | 0.03 | 0.03 |
| 3.6 Building Construction - 2021 | 2.14 | 8.98 | 0.01 | 0.09 | 0.09 |
| 3.6 Building Construction - 2022 | 2.10 | 8.96 | 0.01 | 0.08 | 0.08 |
| 3.7 Paving - 2021 | 2.23 | 12.00 | 0.02 | 0.08 | 0.08 |
| 3.8 Architectural Coating - 2022 | 0.17 | 2.44 | 0.00 | 0.01 | 0.01 |
| **Localized Emissions** | **NOX** | **CO** | **SO2** | **Total PM10** | **Total PM2.5** |
| 3.2 Demolition - 2020 | 1.05 | 12.38 | 0.02 | 0.28 | 0.07 |
| 3.3 Excavation - 2020 | 1.33 | 16.29 | 0.03 | 2.41 | 1.34 |
| 3.4 Foundations - 2020 | 0.80 | 9.61 | 0.02 | 0.02 | 0.02 |
| 3.5 Continuous Concrete Pour - 2020 | 0.86 | 12.17 | 0.02 | 0.03 | 0.03 |
| 3.6 Building Construction - 2021 | 2.14 | 8.98 | 0.01 | 0.09 | 0.09 |
| 3.6 Building Construction - 2022 | 2.10 | 8.96 | 0.01 | 0.08 | 0.08 |
| 3.7 Paving - 2021 | 2.23 | 12.00 | 0.02 | 0.08 | 0.08 |
| 3.8 Architectural Coating - 2022 | 0.17 | 2.44 | 0.00 | 0.01 | 0.01 |
| **Overlapping Phases** | | | | | |
| | **NOX** | **CO** | **SO2** | **Total PM10** | **Total PM2.5** |
| **2020** | | | | | |
| Foundations + Continuous Concrete Pour | 1.7 | 21.8 | 0.0 | 0.1 | 0.1 |
| **2021** | | | | | |
| Building Construction + Paving | 4.4 | 21.0 | 0.0 | 0.2 | 0.2 |
| **2022** | | | | | |
| Building Construction + Architectural Coatings | 2.3 | 11.4 | 0.0 | 0.1 | 0.1 |
| **Project Daily Maximum Emissions** | **4.37** | **21.78** | **0.03** | **2.41** | **1.34** |

# 11469 Jefferson - Construction

**South Coast AQMD Air District, Summer**

## 1.0 Project Characteristics

### 1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|---|---|---|---|---|---|
| Enclosed Parking with Elevator | 199.00 | Space | 0.28 | 33,817.00 | 0 |
| Hotel | 175.00 | Room | 0.50 | 122,000.00 | 0 |

### 1.2 Other Project Characteristics

| | | | | | |
|---|---|---|---|---|---|
| **Urbanization** | Urban | **Wind Speed (m/s)** | 2.2 | **Precipitation Freq (Days)** | 31 |
| **Climate Zone** | 11 | | | **Operational Year** | 2022 |
| **Utility Company** | Southern California Edison | | | | |
| **CO2 Intensity (lb/MWhr)** | 702.44 | **CH4 Intensity (lb/MWhr)** | 0.029 | **N2O Intensity (lb/MWhr)** | 0.006 |

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - construction mobile emissions calculated outside CalEEMod

Demolition -

Grading - see construction assumptions

Construction Off-road Equipment Mitigation - All Diesel equipment>50 HP would meet Tier 4 Final engine standards

| Table Name | Column Name | Default Value | New Value |
|---|---|---|---|
| tblConstDustMitigation | WaterUnpavedRoadVehicleSpeed | 0 | 15 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 5.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 4.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 7.00 |

| | | | |
|---|---|---|---|
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstructionPhase | NumDays | 5.00 | 77.00 |
| tblConstructionPhase | NumDays | 100.00 | 79.00 |
| tblConstructionPhase | NumDays | 100.00 | 6.00 |
| tblConstructionPhase | NumDays | 100.00 | 468.00 |
| tblConstructionPhase | NumDays | 10.00 | 53.00 |
| tblConstructionPhase | NumDays | 2.00 | 75.00 |
| tblConstructionPhase | NumDays | 5.00 | 11.00 |
| tblConstructionPhase | NumDaysWeek | 5.00 | 6.00 |
| tblConstructionPhase | NumDaysWeek | 5.00 | 6.00 |
| tblConstructionPhase | NumDaysWeek | 5.00 | 6.00 |
| tblConstructionPhase | NumDaysWeek | 5.00 | 6.00 |
| tblConstructionPhase | NumDaysWeek | 5.00 | 6.00 |
| tblConstructionPhase | NumDaysWeek | 5.00 | 6.00 |
| tblConstructionPhase | NumDaysWeek | 5.00 | 6.00 |
| tblGrading | AcresOfGrading | 0.00 | 0.78 |
| tblGrading | MaterialExported | 0.00 | 31,312.00 |
| tblLandUse | LandUseSquareFeet | 83,200.00 | 33,817.00 |

| | | | |
|---|---|---|---|
| tblLandUse | LandUseSquareFeet | 254,100.00 | 122,000.00 |
| tblLandUse | LotAcreage | 1.87 | 0.28 |
| tblLandUse | LotAcreage | 5.83 | 0.50 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00 | 0.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00 | 0.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00 | 0.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00 | 1.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00 | 0.00 |
| tblOffRoadEquipment | UsageHours | 6.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 6.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 4.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 4.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 6.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 6.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 7.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 7.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 1.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 1.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 6.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 6.00 | 8.00 |
| tblTripsAndVMT | HaulingTripNumber | 155.00 | 0.00 |
| tblTripsAndVMT | HaulingTripNumber | 3,914.00 | 0.00 |
| tblTripsAndVMT | VendorTripNumber | 26.00 | 0.00 |
| tblTripsAndVMT | VendorTripNumber | 26.00 | 0.00 |
| tblTripsAndVMT | VendorTripNumber | 26.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 10.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 13.00 | 0.00 |

| | | | |
|---|---|---|---|
| tblTripsAndVMT | WorkerTripNumber | 65.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 65.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 65.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 20.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 13.00 | 0.00 |

## 2.0 Emissions Summary

## 2.1 Overall Construction (Maximum Daily Emission)

**Unmitigated Construction**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | lb/day | | | | | | | | | | lb/day | | | | | |
| 2020 | 2.4300 | 22.7839 | 20.3230 | 0.0348 | 6.0803 | 1.3035 | 7.2166 | 3.3186 | 1.2489 | 4.3798 | 0.0000 | 3,325.4920 | 3,325.4920 | 0.6614 | 0.0000 | 3,340.0633 |
| 2021 | 2.3420 | 20.9935 | 19.2247 | 0.0328 | 0.0000 | 1.1118 | 1.1118 | 0.0000 | 1.0475 | 1.0475 | 0.0000 | 3,045.4597 | 3,045.4597 | 0.7330 | 0.0000 | 3,063.7844 |
| 2022 | 16.1240 | 11.3106 | 10.5517 | 0.0185 | 0.0000 | 0.5765 | 0.5765 | 0.0000 | 0.5442 | 0.5442 | 0.0000 | 1,738.8728 | 1,738.8728 | 0.4232 | 0.0000 | 1,749.4521 |
| **Maximum** | **16.1240** | **22.7839** | **20.3230** | **0.0348** | **6.0803** | **1.3035** | **7.2166** | **3.3186** | **1.2489** | **4.3798** | **0.0000** | **3,325.4920** | **3,325.4920** | **0.7330** | **0.0000** | **3,340.0633** |

**Mitigated Construction**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | lb/day | | | | | | | | | | lb/day | | | | | |
| 2020 | 0.3819 | 1.6547 | 21.7757 | 0.0348 | 2.3713 | 0.0509 | 2.4122 | 1.2942 | 0.0509 | 1.3351 | 0.0000 | 3,325.4920 | 3,325.4920 | 0.6614 | 0.0000 | 3,340.0633 |
| 2021 | 0.8588 | 4.3731 | 20.9816 | 0.0328 | 0.0000 | 0.1742 | 0.1742 | 0.0000 | 0.1742 | 0.1742 | 0.0000 | 3,045.4597 | 3,045.4597 | 0.7330 | 0.0000 | 3,063.7844 |
| 2022 | 15.2726 | 2.2696 | 11.4036 | 0.0185 | 0.0000 | 0.0887 | 0.0887 | 0.0000 | 0.0887 | 0.0887 | 0.0000 | 1,738.8728 | 1,738.8728 | 0.4232 | 0.0000 | 1,749.4521 |
| **Maximum** | **15.2726** | **4.3731** | **21.7757** | **0.0348** | **2.3713** | **0.1742** | **2.4122** | **1.2942** | **0.1742** | **1.3351** | **0.0000** | **3,325.4920** | **3,325.4920** | **0.7330** | **0.0000** | **3,340.0633** |

11469 Jefferson - Construction - South Coast AQMD Air District, Summer

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N20 | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Percent Reduction** | **20.97** | **84.94** | **-8.11** | **0.00** | **61.00** | **89.51** | **69.96** | **61.00** | **88.95** | **73.24** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** |

## 2.2 Overall Operational

### Unmitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| Energy | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| Mobile | 2.1762 | 10.6408 | 24.7489 | 0.0908 | 7.2721 | 0.0697 | 7.3418 | 1.9457 | 0.0651 | 2.0108 | | 9,252.4477 | 9,252.4477 | 0.4477 | | 9,263.6403 |
| **Total** | **5.0063** | **11.4270** | **25.4481** | **0.0955** | **7.2721** | **0.1296** | **7.4017** | **1.9457** | **0.1249** | **2.0707** | | **10,195.5001** | **10,195.5001** | **0.4660** | **0.0173** | **10,212.3018** |

### Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| Energy | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| Mobile | 2.1762 | 10.6408 | 24.7489 | 0.0908 | 7.2721 | 0.0697 | 7.3418 | 1.9457 | 0.0651 | 2.0108 | | 9,252.4477 | 9,252.4477 | 0.4477 | | 9,263.6403 |
| **Total** | **5.0063** | **11.4270** | **25.4481** | **0.0955** | **7.2721** | **0.1296** | **7.4017** | **1.9457** | **0.1249** | **2.0707** | | **10,195.5001** | **10,195.5001** | **0.4660** | **0.0173** | **10,212.3018** |

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

## 3.0 Construction Detail

**Construction Phase**

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|---|---|---|---|---|---|---|---|
| 1 | Demolition | Demolition | 5/4/2020 | 7/3/2020 | 6 | 53 | |
| 2 | Excavation | Grading | 7/6/2020 | 9/30/2020 | 6 | 75 | |
| 3 | Foundations | Building Construction | 10/1/2020 | 12/31/2020 | 6 | 79 | |
| 4 | Continuous Concrete Pour | Building Construction | 11/2/2020 | 11/7/2020 | 6 | 6 | |
| 5 | Building Construction | Building Construction | 1/2/2021 | 7/1/2022 | 6 | 468 | |
| 6 | Paving | Paving | 11/1/2021 | 11/12/2021 | 6 | 11 | |
| 7 | Architectural Coating | Architectural Coating | 2/1/2022 | 4/30/2022 | 6 | 77 | |

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 0**

**Acres of Paving: 0.28**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 183,000; Non-Residential Outdoor: 61,000; Striped Parking Area: 2,029 (Architectural Coating – sqft)**

**OffRoad Equipment**

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|---|---|---|---|---|---|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Demolition | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |

| | | | | | |
|---|---|---|---|---|---|
| Excavation | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Excavation | Excavators | 1 | 8.00 | 158 | 0.38 |
| Excavation | Graders | 0 | 8.00 | 187 | 0.41 |
| Excavation | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Excavation | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Foundations | Concrete/Industrial Saws | 0 | 8.00 | 81 | 0.73 |
| Foundations | Cranes | 1 | 8.00 | 231 | 0.29 |
| Foundations | Forklifts | 2 | 8.00 | 89 | 0.20 |
| Foundations | Rubber Tired Dozers | 0 | 1.00 | 247 | 0.40 |
| Foundations | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Continuous Concrete Pour | Cranes | 0 | 4.00 | 231 | 0.29 |
| Continuous Concrete Pour | Forklifts | 0 | 6.00 | 89 | 0.20 |
| Continuous Concrete Pour | Pumps | 3 | 8.00 | 84 | 0.74 |
| Continuous Concrete Pour | Tractors/Loaders/Backhoes | 0 | 8.00 | 97 | 0.37 |
| Building Construction | Cement and Mortar Mixers | 0 | 6.00 | 9 | 0.56 |
| Building Construction | Cranes | 1 | 8.00 | 231 | 0.29 |
| Building Construction | Forklifts | 2 | 8.00 | 89 | 0.20 |
| Building Construction | Pavers | 0 | 7.00 | 130 | 0.42 |
| Building Construction | Rollers | 0 | 7.00 | 80 | 0.38 |
| Building Construction | Tractors/Loaders/Backhoes | 1 | 8.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |
| Paving | Air Compressors | 0 | 6.00 | 78 | 0.48 |
| Paving | Cement and Mortar Mixers | 4 | 8.00 | 9 | 0.56 |
| Paving | Forklifts | 1 | 8.00 | 89 | 0.20 |
| Paving | Pavers | 1 | 8.00 | 130 | 0.42 |
| Paving | Pumps | 1 | 8.00 | 84 | 0.74 |
| Paving | Rollers | 1 | 8.00 | 80 | 0.38 |

| | | | | | |
|---|---|---|---|---|---|
| Paving | Tractors/Loaders/Backhoes | 0 | 7.00 | 97 | 0.37 |
| Architectural Coating | Air Compressors | 1 | 8.00 | 78 | 0.48 |

**Trips and VMT**

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|---|---|---|---|---|---|---|---|---|---|---|
| Demolition | 4 | 0.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Excavation | 5 | 0.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Foundations | 5 | 0.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Continuous Concrete Pour | 3 | 0.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 5 | 0.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 8 | 0.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 0.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |

## 3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

## 3.2 Demolition - 2020

### Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.6315 | 0.0000 | 0.6315 | 0.0956 | 0.0000 | 0.0956 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.9167 | 18.8412 | 12.3776 | 0.0210 | | 1.0194 | 1.0194 | | 0.9537 | 0.9537 | | 2,021.5442 | 2,021.5442 | 0.4997 | | 2,034.0360 |
| **Total** | **1.9167** | **18.8412** | **12.3776** | **0.0210** | **0.6315** | **1.0194** | **1.6508** | **0.0956** | **0.9537** | **1.0493** | | **2,021.5442** | **2,021.5442** | **0.4997** | | **2,034.0360** |

### Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.2 Demolition - 2020

### Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.2463 | 0.0000 | 0.2463 | 0.0373 | 0.0000 | 0.0373 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.2431 | 1.0534 | 12.3764 | 0.0210 | | 0.0324 | 0.0324 | | 0.0324 | 0.0324 | 0.0000 | 2,021.5442 | 2,021.5442 | 0.4997 | | 2,034.0360 |
| **Total** | **0.2431** | **1.0534** | **12.3764** | **0.0210** | **0.2463** | **0.0324** | **0.2787** | **0.0373** | **0.0324** | **0.0697** | **0.0000** | **2,021.5442** | **2,021.5442** | **0.4997** | | **2,034.0360** |

### Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.3 Excavation - 2020

### Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 6.0803 | 0.0000 | 6.0803 | 3.3186 | 0.0000 | 3.3186 | | | 0.0000 | | | 0.0000 |
| Off-Road | 2.1617 | 21.2538 | 15.6454 | 0.0262 | | 1.1362 | 1.1362 | | 1.0612 | 1.0612 | | 2,521.6626 | 2,521.6626 | 0.6614 | | 2,538.1981 |
| **Total** | **2.1617** | **21.2538** | **15.6454** | **0.0262** | **6.0803** | **1.1362** | **7.2166** | **3.3186** | **1.0612** | **4.3798** | | **2,521.6626** | **2,521.6626** | **0.6614** | | **2,538.1981** |

### Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.3 Excavation - 2020

### Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 2.3713 | 0.0000 | 2.3713 | 1.2942 | 0.0000 | 1.2942 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.3066 | 1.3287 | 16.2944 | 0.0262 | | 0.0409 | 0.0409 | | 0.0409 | 0.0409 | 0.0000 | 2,521.6626 | 2,521.6626 | 0.6614 | | 2,538.1981 |
| **Total** | **0.3066** | **1.3287** | **16.2944** | **0.0262** | **2.3713** | **0.0409** | **2.4122** | **1.2942** | **0.0409** | **1.3351** | **0.0000** | **2,521.6626** | **2,521.6626** | **0.6614** | | **2,538.1981** |

### Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.4 Foundations - 2020

**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1604 | 12.1968 | 9.0353 | 0.0150 | | 0.6818 | 0.6818 | | 0.6273 | 0.6273 | | 1,456.3883 | 1,456.3883 | 0.4710 | | 1,468.1640 |
| **Total** | **1.1604** | **12.1968** | **9.0353** | **0.0150** | | **0.6818** | **0.6818** | | **0.6273** | **0.6273** | | **1,456.3883** | **1,456.3883** | **0.4710** | | **1,468.1640** |

**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.4 Foundations - 2020

**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.1845 | 0.7996 | 9.6066 | 0.0150 | | 0.0246 | 0.0246 | | 0.0246 | 0.0246 | 0.0000 | 1,456.3883 | 1,456.3883 | 0.4710 | | 1,468.1639 |
| **Total** | **0.1845** | **0.7996** | **9.6066** | **0.0150** | | **0.0246** | **0.0246** | | **0.0246** | **0.0246** | **0.0000** | **1,456.3883** | **1,456.3883** | **0.4710** | | **1,468.1639** |

**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.5 Continuous Concrete Pour - 2020

### Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2695 | 10.5871 | 11.2877 | 0.0197 | | 0.6216 | 0.6216 | | 0.6216 | 0.6216 | | 1,869.1037 | 1,869.1037 | 0.1118 | | 1,871.8993 |
| **Total** | **1.2695** | **10.5871** | **11.2877** | **0.0197** | | **0.6216** | **0.6216** | | **0.6216** | **0.6216** | | **1,869.1037** | **1,869.1037** | **0.1118** | | **1,871.8993** |

### Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.5 Continuous Concrete Pour - 2020

### Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.1973 | 0.8551 | 12.1691 | 0.0197 | | 0.0263 | 0.0263 | | 0.0263 | 0.0263 | 0.0000 | 1,869.1037 | 1,869.1037 | 0.1118 | | 1,871.8993 |
| **Total** | **0.1973** | **0.8551** | **12.1691** | **0.0197** | | **0.0263** | **0.0263** | | **0.0263** | **0.0263** | **0.0000** | **1,869.1037** | **1,869.1037** | **0.1118** | | **1,871.8993** |

### Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.6 Building Construction - 2021

**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1615 | 10.6123 | 8.2976 | 0.0145 | | 0.5502 | 0.5502 | | 0.5121 | 0.5121 | | 1,363.1782 | 1,363.1782 | 0.4008 | | 1,373.1981 |
| **Total** | **1.1615** | **10.6123** | **8.2976** | **0.0145** | | **0.5502** | **0.5502** | | **0.5121** | **0.5121** | | **1,363.1782** | **1,363.1782** | **0.4008** | | **1,373.1981** |

**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.6 Building Construction - 2021

**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.4492 | 2.1439 | 8.9833 | 0.0145 | | 0.0937 | 0.0937 | | 0.0937 | 0.0937 | 0.0000 | 1,363.1782 | 1,363.1782 | 0.4008 | | 1,373.1981 |
| **Total** | **0.4492** | **2.1439** | **8.9833** | **0.0145** | | **0.0937** | **0.0937** | | **0.0937** | **0.0937** | **0.0000** | **1,363.1782** | **1,363.1782** | **0.4008** | | **1,373.1981** |

**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.6 Building Construction - 2022

**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.0416 | 9.4326 | 8.1336 | 0.0145 | | 0.4675 | 0.4675 | | 0.4352 | 0.4352 | | 1,363.6087 | 1,363.6087 | 0.3987 | | 1,373.5772 |
| **Total** | **1.0416** | **9.4326** | **8.1336** | **0.0145** | | **0.4675** | **0.4675** | | **0.4352** | **0.4352** | | **1,363.6087** | **1,363.6087** | **0.3987** | | **1,373.5772** |

**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.6 Building Construction - 2022

**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.4233 | 2.0979 | 8.9603 | 0.0145 | | 0.0834 | 0.0834 | | 0.0834 | 0.0834 | 0.0000 | 1,363.6087 | 1,363.6087 | 0.3987 | | 1,373.5772 |
| **Total** | **0.4233** | **2.0979** | **8.9603** | **0.0145** | | **0.0834** | **0.0834** | | **0.0834** | **0.0834** | **0.0000** | **1,363.6087** | **1,363.6087** | **0.3987** | | **1,373.5772** |

**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.7 Paving - 2021

### Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1805 | 10.3812 | 10.9271 | 0.0183 | | 0.5616 | 0.5616 | | 0.5355 | 0.5355 | | 1,682.2815 | 1,682.2815 | 0.3322 | | 1,690.5863 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| **Total** | **1.1805** | **10.3812** | **10.9271** | **0.0183** | | **0.5616** | **0.5616** | | **0.5355** | **0.5355** | | **1,682.2815** | **1,682.2815** | **0.3322** | | **1,690.5863** |

### Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.7 Paving - 2021

### Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.4096 | 2.2292 | 11.9982 | 0.0183 | | 0.0805 | 0.0805 | | 0.0805 | 0.0805 | 0.0000 | 1,682.2815 | 1,682.2815 | 0.3322 | | 1,690.5863 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| **Total** | **0.4096** | **2.2292** | **11.9982** | **0.0183** | | **0.0805** | **0.0805** | | **0.0805** | **0.0805** | **0.0000** | **1,682.2815** | **1,682.2815** | **0.3322** | | **1,690.5863** |

### Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.8 Architectural Coating - 2022

**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 14.8097 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.2727 | 1.8780 | 2.4181 | 3.9600e-003 | | 0.1090 | 0.1090 | | 0.1090 | 0.1090 | | 375.2641 | 375.2641 | 0.0244 | | 375.8749 |
| **Total** | **15.0824** | **1.8780** | **2.4181** | **3.9600e-003** | | **0.1090** | **0.1090** | | **0.1090** | **0.1090** | | **375.2641** | **375.2641** | **0.0244** | | **375.8749** |

**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.8 Architectural Coating - 2022

**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 14.8097 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.0396 | 0.1717 | 2.4432 | 3.9600e-003 | | 5.2800e-003 | 5.2800e-003 | | 5.2800e-003 | 5.2800e-003 | 0.0000 | 375.2641 | 375.2641 | 0.0244 | | 375.8749 |
| **Total** | **14.8493** | **0.1717** | **2.4432** | **3.9600e-003** | | **5.2800e-003** | **5.2800e-003** | | **5.2800e-003** | **5.2800e-003** | **0.0000** | **375.2641** | **375.2641** | **0.0244** | | **375.8749** |

**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 4.0 Operational Detail - Mobile

## 4.1 Mitigation Measures Mobile

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 2.1762 | 10.6408 | 24.7489 | 0.0908 | 7.2721 | 0.0697 | 7.3418 | 1.9457 | 0.0651 | 2.0108 | | 9,252.4477 | 9,252.4477 | 0.4477 | | 9,263.6403 |
| Unmitigated | 2.1762 | 10.6408 | 24.7489 | 0.0908 | 7.2721 | 0.0697 | 7.3418 | 1.9457 | 0.0651 | 2.0108 | | 9,252.4477 | 9,252.4477 | 0.4477 | | 9,263.6403 |

## 4.2 Trip Summary Information

| | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|---|---|---|---|---|---|
| Land Use | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Enclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | | |
| Hotel | 1,429.75 | 1,433.25 | 1041.25 | 3,280,389 | 3,280,389 |
| Total | 1,429.75 | 1,433.25 | 1,041.25 | 3,280,389 | 3,280,389 |

## 4.3 Trip Type Information

| | Miles | | | Trip % | | | Trip Purpose % | | |
|---|---|---|---|---|---|---|---|---|---|
| Land Use | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| Enclosed Parking with Elevator | 16.60 | 8.40 | 6.90 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| Hotel | 16.60 | 8.40 | 6.90 | 19.40 | 61.60 | 19.00 | 58 | 38 | 4 |

## 4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Enclosed Parking with Elevator | 0.549559 | 0.042893 | 0.201564 | 0.118533 | 0.015569 | 0.005846 | 0.021394 | 0.034255 | 0.002099 | 0.001828 | 0.004855 | 0.000709 | 0.000896 |
| Hotel | 0.549559 | 0.042893 | 0.201564 | 0.118533 | 0.015569 | 0.005846 | 0.021394 | 0.034255 | 0.002099 | 0.001828 | 0.004855 | 0.000709 | 0.000896 |

## 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 | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| NaturalGas Unmitigated | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |

## 5.2 Energy by Land Use - NaturalGas

**Unmitigated**

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| Enclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hotel | 8015.23 | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| **Total** | | **0.0864** | **0.7858** | **0.6601** | **4.7100e-003** | | **0.0597** | **0.0597** | | **0.0597** | **0.0597** | | **942.9686** | **942.9686** | **0.0181** | **0.0173** | **948.5722** |

**Mitigated**

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| Enclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hotel | 8.01523 | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| **Total** | | **0.0864** | **0.7858** | **0.6601** | **4.7100e-003** | | **0.0597** | **0.0597** | | **0.0597** | **0.0597** | | **942.9686** | **942.9686** | **0.0181** | **0.0173** | **948.5722** |

# 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 | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| Unmitigated | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |

## 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 | 0.3124 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 2.4276 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 3.6400e-003 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| **Total** | **2.7436** | **3.6000e-004** | **0.0392** | **0.0000** | | **1.4000e-004** | **1.4000e-004** | | **1.4000e-004** | **1.4000e-004** | | **0.0838** | **0.0838** | **2.2000e-004** | | **0.0894** |

### 6.2 Area by SubCategory

**Mitigated**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SubCategory | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 0.3124 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 2.4276 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 3.6400e-003 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| **Total** | **2.7436** | **3.6000e-004** | **0.0392** | **0.0000** | | **1.4000e-004** | **1.4000e-004** | | **1.4000e-004** | **1.4000e-004** | | **0.0838** | **0.0838** | **2.2000e-004** | | **0.0894** |

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

## 8.0 Waste Detail

### 8.1 Mitigation Measures Waste

## 9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|---|---|---|---|---|---|---|

## 10.0 Stationary Equipment

**Fire Pumps and Emergency Generators**

| 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

# 11469 Jefferson - Construction

**South Coast AQMD Air District, Winter**

## 1.0 Project Characteristics

### 1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|---|---|---|---|---|---|
| Enclosed Parking with Elevator | 199.00 | Space | 0.28 | 33,817.00 | 0 |
| Hotel | 175.00 | Room | 0.50 | 122,000.00 | 0 |

### 1.2 Other Project Characteristics

| | | | | | |
|---|---|---|---|---|---|
| **Urbanization** | Urban | **Wind Speed (m/s)** | 2.2 | **Precipitation Freq (Days)** | 31 |
| **Climate Zone** | 11 | | | **Operational Year** | 2022 |
| **Utility Company** | Southern California Edison | | | | |
| **CO2 Intensity (lb/MWhr)** | 702.44 | **CH4 Intensity (lb/MWhr)** | 0.029 | **N2O Intensity (lb/MWhr)** | 0.006 |

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - construction mobile emissions calculated outside CalEEMod

Demolition -

Grading - see construction assumptions

Construction Off-road Equipment Mitigation - All Diesel equipment>50 HP would meet Tier 4 Final engine standards

| Table Name | Column Name | Default Value | New Value |
|---|---|---|---|
| tblConstDustMitigation | WaterUnpavedRoadVehicleSpeed | 0 | 15 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 5.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 4.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 7.00 |

| | | | |
|---|---|---|---|
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstructionPhase | NumDays | 5.00 | 77.00 |
| tblConstructionPhase | NumDays | 100.00 | 79.00 |
| tblConstructionPhase | NumDays | 100.00 | 6.00 |
| tblConstructionPhase | NumDays | 100.00 | 468.00 |
| tblConstructionPhase | NumDays | 10.00 | 53.00 |
| tblConstructionPhase | NumDays | 2.00 | 75.00 |
| tblConstructionPhase | NumDays | 5.00 | 11.00 |
| tblConstructionPhase | NumDaysWeek | 5.00 | 6.00 |
| tblConstructionPhase | NumDaysWeek | 5.00 | 6.00 |
| tblConstructionPhase | NumDaysWeek | 5.00 | 6.00 |
| tblConstructionPhase | NumDaysWeek | 5.00 | 6.00 |
| tblConstructionPhase | NumDaysWeek | 5.00 | 6.00 |
| tblConstructionPhase | NumDaysWeek | 5.00 | 6.00 |
| tblConstructionPhase | NumDaysWeek | 5.00 | 6.00 |
| tblGrading | AcresOfGrading | 0.00 | 0.78 |
| tblGrading | MaterialExported | 0.00 | 31,312.00 |
| tblLandUse | LandUseSquareFeet | 83,200.00 | 33,817.00 |

| | | | |
|---|---|---|---|
| tblLandUse | LandUseSquareFeet | 254,100.00 | 122,000.00 |
| tblLandUse | LotAcreage | 1.87 | 0.28 |
| tblLandUse | LotAcreage | 5.83 | 0.50 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00 | 0.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00 | 0.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00 | 0.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00 | 1.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00 | 0.00 |
| tblOffRoadEquipment | UsageHours | 6.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 6.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 4.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 4.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 6.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 6.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 7.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 7.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 1.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 1.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 6.00 | 8.00 |
| tblOffRoadEquipment | UsageHours | 6.00 | 8.00 |
| tblTripsAndVMT | HaulingTripNumber | 155.00 | 0.00 |
| tblTripsAndVMT | HaulingTripNumber | 3,914.00 | 0.00 |
| tblTripsAndVMT | VendorTripNumber | 26.00 | 0.00 |
| tblTripsAndVMT | VendorTripNumber | 26.00 | 0.00 |
| tblTripsAndVMT | VendorTripNumber | 26.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 10.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 13.00 | 0.00 |

| | | | |
|---|---|---|---|
| tblTripsAndVMT | WorkerTripNumber | 65.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 65.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 65.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 20.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 13.00 | 0.00 |

## 2.0 Emissions Summary

## 2.1 Overall Construction (Maximum Daily Emission)

**Unmitigated Construction**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | lb/day | | | | | | | | | | lb/day | | | | | |
| 2020 | 2.4300 | 22.7839 | 20.3230 | 0.0348 | 6.0803 | 1.3035 | 7.2166 | 3.3186 | 1.2489 | 4.3798 | 0.0000 | 3,325.4920 | 3,325.4920 | 0.6614 | 0.0000 | 3,340.0633 |
| 2021 | 2.3420 | 20.9935 | 19.2247 | 0.0328 | 0.0000 | 1.1118 | 1.1118 | 0.0000 | 1.0475 | 1.0475 | 0.0000 | 3,045.4597 | 3,045.4597 | 0.7330 | 0.0000 | 3,063.7844 |
| 2022 | 16.1240 | 11.3106 | 10.5517 | 0.0185 | 0.0000 | 0.5765 | 0.5765 | 0.0000 | 0.5442 | 0.5442 | 0.0000 | 1,738.8728 | 1,738.8728 | 0.4232 | 0.0000 | 1,749.4521 |
| **Maximum** | **16.1240** | **22.7839** | **20.3230** | **0.0348** | **6.0803** | **1.3035** | **7.2166** | **3.3186** | **1.2489** | **4.3798** | **0.0000** | **3,325.4920** | **3,325.4920** | **0.7330** | **0.0000** | **3,340.0633** |

**Mitigated Construction**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | lb/day | | | | | | | | | | lb/day | | | | | |
| 2020 | 0.3819 | 1.6547 | 21.7757 | 0.0348 | 2.3713 | 0.0509 | 2.4122 | 1.2942 | 0.0509 | 1.3351 | 0.0000 | 3,325.4920 | 3,325.4920 | 0.6614 | 0.0000 | 3,340.0633 |
| 2021 | 0.8588 | 4.3731 | 20.9816 | 0.0328 | 0.0000 | 0.1742 | 0.1742 | 0.0000 | 0.1742 | 0.1742 | 0.0000 | 3,045.4597 | 3,045.4597 | 0.7330 | 0.0000 | 3,063.7844 |
| 2022 | 15.2726 | 2.2696 | 11.4036 | 0.0185 | 0.0000 | 0.0887 | 0.0887 | 0.0000 | 0.0887 | 0.0887 | 0.0000 | 1,738.8728 | 1,738.8728 | 0.4232 | 0.0000 | 1,749.4521 |
| **Maximum** | **15.2726** | **4.3731** | **21.7757** | **0.0348** | **2.3713** | **0.1742** | **2.4122** | **1.2942** | **0.1742** | **1.3351** | **0.0000** | **3,325.4920** | **3,325.4920** | **0.7330** | **0.0000** | **3,340.0633** |

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N20 | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Percent Reduction** | **20.97** | **84.94** | **-8.11** | **0.00** | **61.00** | **89.51** | **69.96** | **61.00** | **88.95** | **73.24** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** |

## 2.2 Overall Operational

### Unmitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| Energy | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| Mobile | 2.0615 | 10.7714 | 23.4951 | 0.0859 | 7.2721 | 0.0703 | 7.3424 | 1.9457 | 0.0656 | 2.0113 | | 8,753.4295 | 8,753.4295 | 0.4517 | | 8,764.7231 |
| **Total** | **4.8915** | **11.5576** | **24.1943** | **0.0906** | **7.2721** | **0.1301** | **7.4022** | **1.9457** | **0.1254** | **2.0712** | | **9,696.4819** | **9,696.4819** | **0.4700** | **0.0173** | **9,713.3846** |

### Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| Energy | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| Mobile | 2.0615 | 10.7714 | 23.4951 | 0.0859 | 7.2721 | 0.0703 | 7.3424 | 1.9457 | 0.0656 | 2.0113 | | 8,753.4295 | 8,753.4295 | 0.4517 | | 8,764.7231 |
| **Total** | **4.8915** | **11.5576** | **24.1943** | **0.0906** | **7.2721** | **0.1301** | **7.4022** | **1.9457** | **0.1254** | **2.0712** | | **9,696.4819** | **9,696.4819** | **0.4700** | **0.0173** | **9,713.3846** |

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

## 3.0 Construction Detail

**Construction Phase**

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|---|---|---|---|---|---|---|---|
| 1 | Demolition | Demolition | 5/4/2020 | 7/3/2020 | 6 | 53 | |
| 2 | Excavation | Grading | 7/6/2020 | 9/30/2020 | 6 | 75 | |
| 3 | Foundations | Building Construction | 10/1/2020 | 12/31/2020 | 6 | 79 | |
| 4 | Continuous Concrete Pour | Building Construction | 11/2/2020 | 11/7/2020 | 6 | 6 | |
| 5 | Building Construction | Building Construction | 1/2/2021 | 7/1/2022 | 6 | 468 | |
| 6 | Paving | Paving | 11/1/2021 | 11/12/2021 | 6 | 11 | |
| 7 | Architectural Coating | Architectural Coating | 2/1/2022 | 4/30/2022 | 6 | 77 | |

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 0**

**Acres of Paving: 0.28**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 183,000; Non-Residential Outdoor: 61,000; Striped Parking Area: 2,029 (Architectural Coating – sqft)**

**OffRoad Equipment**

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|---|---|---|---|---|---|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Demolition | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |

| | | | | | |
|---|---|---|---|---|---|
| Excavation | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Excavation | Excavators | 1 | 8.00 | 158 | 0.38 |
| Excavation | Graders | 0 | 8.00 | 187 | 0.41 |
| Excavation | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Excavation | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Foundations | Concrete/Industrial Saws | 0 | 8.00 | 81 | 0.73 |
| Foundations | Cranes | 1 | 8.00 | 231 | 0.29 |
| Foundations | Forklifts | 2 | 8.00 | 89 | 0.20 |
| Foundations | Rubber Tired Dozers | 0 | 1.00 | 247 | 0.40 |
| Foundations | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Continuous Concrete Pour | Cranes | 0 | 4.00 | 231 | 0.29 |
| Continuous Concrete Pour | Forklifts | 0 | 6.00 | 89 | 0.20 |
| Continuous Concrete Pour | Pumps | 3 | 8.00 | 84 | 0.74 |
| Continuous Concrete Pour | Tractors/Loaders/Backhoes | 0 | 8.00 | 97 | 0.37 |
| Building Construction | Cement and Mortar Mixers | 0 | 6.00 | 9 | 0.56 |
| Building Construction | Cranes | 1 | 8.00 | 231 | 0.29 |
| Building Construction | Forklifts | 2 | 8.00 | 89 | 0.20 |
| Building Construction | Pavers | 0 | 7.00 | 130 | 0.42 |
| Building Construction | Rollers | 0 | 7.00 | 80 | 0.38 |
| Building Construction | Tractors/Loaders/Backhoes | 1 | 8.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |
| Paving | Air Compressors | 0 | 6.00 | 78 | 0.48 |
| Paving | Cement and Mortar Mixers | 4 | 8.00 | 9 | 0.56 |
| Paving | Forklifts | 1 | 8.00 | 89 | 0.20 |
| Paving | Pavers | 1 | 8.00 | 130 | 0.42 |
| Paving | Pumps | 1 | 8.00 | 84 | 0.74 |
| Paving | Rollers | 1 | 8.00 | 80 | 0.38 |

| | | | | | |
|---|---|---|---|---|---|
| Paving | Tractors/Loaders/Backhoes | 0 | 7.00 | 97 | 0.37 |
| Architectural Coating | Air Compressors | 1 | 8.00 | 78 | 0.48 |

**Trips and VMT**

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|---|---|---|---|---|---|---|---|---|---|---|
| Demolition | 4 | 0.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Excavation | 5 | 0.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Foundations | 5 | 0.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Continuous Concrete Pour | 3 | 0.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 5 | 0.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 8 | 0.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 0.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |

## 3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

## 3.2 Demolition - 2020

### Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.6315 | 0.0000 | 0.6315 | 0.0956 | 0.0000 | 0.0956 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.9167 | 18.8412 | 12.3776 | 0.0210 | | 1.0194 | 1.0194 | | 0.9537 | 0.9537 | | 2,021.5442 | 2,021.5442 | 0.4997 | | 2,034.0360 |
| **Total** | **1.9167** | **18.8412** | **12.3776** | **0.0210** | **0.6315** | **1.0194** | **1.6508** | **0.0956** | **0.9537** | **1.0493** | | **2,021.5442** | **2,021.5442** | **0.4997** | | **2,034.0360** |

### Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.2 Demolition - 2020

### Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.2463 | 0.0000 | 0.2463 | 0.0373 | 0.0000 | 0.0373 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.2431 | 1.0534 | 12.3764 | 0.0210 | | 0.0324 | 0.0324 | | 0.0324 | 0.0324 | 0.0000 | 2,021.5442 | 2,021.5442 | 0.4997 | | 2,034.0360 |
| **Total** | **0.2431** | **1.0534** | **12.3764** | **0.0210** | **0.2463** | **0.0324** | **0.2787** | **0.0373** | **0.0324** | **0.0697** | **0.0000** | **2,021.5442** | **2,021.5442** | **0.4997** | | **2,034.0360** |

### Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.3 Excavation - 2020

### Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 6.0803 | 0.0000 | 6.0803 | 3.3186 | 0.0000 | 3.3186 | | | 0.0000 | | | 0.0000 |
| Off-Road | 2.1617 | 21.2538 | 15.6454 | 0.0262 | | 1.1362 | 1.1362 | | 1.0612 | 1.0612 | | 2,521.6626 | 2,521.6626 | 0.6614 | | 2,538.1981 |
| **Total** | **2.1617** | **21.2538** | **15.6454** | **0.0262** | **6.0803** | **1.1362** | **7.2166** | **3.3186** | **1.0612** | **4.3798** | | **2,521.6626** | **2,521.6626** | **0.6614** | | **2,538.1981** |

### Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.3 Excavation - 2020

### Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 2.3713 | 0.0000 | 2.3713 | 1.2942 | 0.0000 | 1.2942 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.3066 | 1.3287 | 16.2944 | 0.0262 | | 0.0409 | 0.0409 | | 0.0409 | 0.0409 | 0.0000 | 2,521.6626 | 2,521.6626 | 0.6614 | | 2,538.1981 |
| **Total** | **0.3066** | **1.3287** | **16.2944** | **0.0262** | **2.3713** | **0.0409** | **2.4122** | **1.2942** | **0.0409** | **1.3351** | **0.0000** | **2,521.6626** | **2,521.6626** | **0.6614** | | **2,538.1981** |

### Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.4 Foundations - 2020

**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1604 | 12.1968 | 9.0353 | 0.0150 | | 0.6818 | 0.6818 | | 0.6273 | 0.6273 | | 1,456.3883 | 1,456.3883 | 0.4710 | | 1,468.1640 |
| **Total** | **1.1604** | **12.1968** | **9.0353** | **0.0150** | | **0.6818** | **0.6818** | | **0.6273** | **0.6273** | | **1,456.3883** | **1,456.3883** | **0.4710** | | **1,468.1640** |

**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.4 Foundations - 2020

**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.1845 | 0.7996 | 9.6066 | 0.0150 | | 0.0246 | 0.0246 | | 0.0246 | 0.0246 | 0.0000 | 1,456.3883 | 1,456.3883 | 0.4710 | | 1,468.1639 |
| **Total** | **0.1845** | **0.7996** | **9.6066** | **0.0150** | | **0.0246** | **0.0246** | | **0.0246** | **0.0246** | **0.0000** | **1,456.3883** | **1,456.3883** | **0.4710** | | **1,468.1639** |

**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.5 Continuous Concrete Pour - 2020

### Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2695 | 10.5871 | 11.2877 | 0.0197 | | 0.6216 | 0.6216 | | 0.6216 | 0.6216 | | 1,869.1037 | 1,869.1037 | 0.1118 | | 1,871.8993 |
| **Total** | **1.2695** | **10.5871** | **11.2877** | **0.0197** | | **0.6216** | **0.6216** | | **0.6216** | **0.6216** | | **1,869.1037** | **1,869.1037** | **0.1118** | | **1,871.8993** |

### Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.5 Continuous Concrete Pour - 2020

### Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.1973 | 0.8551 | 12.1691 | 0.0197 | | 0.0263 | 0.0263 | | 0.0263 | 0.0263 | 0.0000 | 1,869.1037 | 1,869.1037 | 0.1118 | | 1,871.8993 |
| **Total** | **0.1973** | **0.8551** | **12.1691** | **0.0197** | | **0.0263** | **0.0263** | | **0.0263** | **0.0263** | **0.0000** | **1,869.1037** | **1,869.1037** | **0.1118** | | **1,871.8993** |

### Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.6 Building Construction - 2021

**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1615 | 10.6123 | 8.2976 | 0.0145 | | 0.5502 | 0.5502 | | 0.5121 | 0.5121 | | 1,363.1782 | 1,363.1782 | 0.4008 | | 1,373.1981 |
| **Total** | **1.1615** | **10.6123** | **8.2976** | **0.0145** | | **0.5502** | **0.5502** | | **0.5121** | **0.5121** | | **1,363.1782** | **1,363.1782** | **0.4008** | | **1,373.1981** |

**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.6 Building Construction - 2021

**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.4492 | 2.1439 | 8.9833 | 0.0145 | | 0.0937 | 0.0937 | | 0.0937 | 0.0937 | 0.0000 | 1,363.1782 | 1,363.1782 | 0.4008 | | 1,373.1981 |
| **Total** | **0.4492** | **2.1439** | **8.9833** | **0.0145** | | **0.0937** | **0.0937** | | **0.0937** | **0.0937** | **0.0000** | **1,363.1782** | **1,363.1782** | **0.4008** | | **1,373.1981** |

**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.6 Building Construction - 2022

**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.0416 | 9.4326 | 8.1336 | 0.0145 | | 0.4675 | 0.4675 | | 0.4352 | 0.4352 | | 1,363.6087 | 1,363.6087 | 0.3987 | | 1,373.5772 |
| **Total** | **1.0416** | **9.4326** | **8.1336** | **0.0145** | | **0.4675** | **0.4675** | | **0.4352** | **0.4352** | | **1,363.6087** | **1,363.6087** | **0.3987** | | **1,373.5772** |

**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.6 Building Construction - 2022

**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.4233 | 2.0979 | 8.9603 | 0.0145 | | 0.0834 | 0.0834 | | 0.0834 | 0.0834 | 0.0000 | 1,363.6087 | 1,363.6087 | 0.3987 | | 1,373.5772 |
| **Total** | **0.4233** | **2.0979** | **8.9603** | **0.0145** | | **0.0834** | **0.0834** | | **0.0834** | **0.0834** | **0.0000** | **1,363.6087** | **1,363.6087** | **0.3987** | | **1,373.5772** |

**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.7 Paving - 2021

### Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1805 | 10.3812 | 10.9271 | 0.0183 | | 0.5616 | 0.5616 | | 0.5355 | 0.5355 | | 1,682.2815 | 1,682.2815 | 0.3322 | | 1,690.5863 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| **Total** | **1.1805** | **10.3812** | **10.9271** | **0.0183** | | **0.5616** | **0.5616** | | **0.5355** | **0.5355** | | **1,682.2815** | **1,682.2815** | **0.3322** | | **1,690.5863** |

### Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.7 Paving - 2021

### Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.4096 | 2.2292 | 11.9982 | 0.0183 | | 0.0805 | 0.0805 | | 0.0805 | 0.0805 | 0.0000 | 1,682.2815 | 1,682.2815 | 0.3322 | | 1,690.5863 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| **Total** | **0.4096** | **2.2292** | **11.9982** | **0.0183** | | **0.0805** | **0.0805** | | **0.0805** | **0.0805** | **0.0000** | **1,682.2815** | **1,682.2815** | **0.3322** | | **1,690.5863** |

### Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.8 Architectural Coating - 2022

**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 14.8097 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.2727 | 1.8780 | 2.4181 | 3.9600e-003 | | 0.1090 | 0.1090 | | 0.1090 | 0.1090 | | 375.2641 | 375.2641 | 0.0244 | | 375.8749 |
| **Total** | **15.0824** | **1.8780** | **2.4181** | **3.9600e-003** | | **0.1090** | **0.1090** | | **0.1090** | **0.1090** | | **375.2641** | **375.2641** | **0.0244** | | **375.8749** |

**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 3.8 Architectural Coating - 2022

**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 14.8097 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.0396 | 0.1717 | 2.4432 | 3.9600e-003 | | 5.2800e-003 | 5.2800e-003 | | 5.2800e-003 | 5.2800e-003 | 0.0000 | 375.2641 | 375.2641 | 0.0244 | | 375.8749 |
| **Total** | **14.8493** | **0.1717** | **2.4432** | **3.9600e-003** | | **5.2800e-003** | **5.2800e-003** | | **5.2800e-003** | **5.2800e-003** | **0.0000** | **375.2641** | **375.2641** | **0.0244** | | **375.8749** |

**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| **Total** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | **0.0000** | | **0.0000** | **0.0000** | **0.0000** | | **0.0000** |

## 4.0 Operational Detail - Mobile

## 4.1 Mitigation Measures Mobile

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 2.0615 | 10.7714 | 23.4951 | 0.0859 | 7.2721 | 0.0703 | 7.3424 | 1.9457 | 0.0656 | 2.0113 | | 8,753.4295 | 8,753.4295 | 0.4517 | | 8,764.7231 |
| Unmitigated | 2.0615 | 10.7714 | 23.4951 | 0.0859 | 7.2721 | 0.0703 | 7.3424 | 1.9457 | 0.0656 | 2.0113 | | 8,753.4295 | 8,753.4295 | 0.4517 | | 8,764.7231 |

## 4.2 Trip Summary Information

| | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|---|---|---|---|---|---|
| Land Use | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Enclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | | |
| Hotel | 1,429.75 | 1,433.25 | 1041.25 | 3,280,389 | 3,280,389 |
| Total | 1,429.75 | 1,433.25 | 1,041.25 | 3,280,389 | 3,280,389 |

## 4.3 Trip Type Information

| | Miles | | | Trip % | | | Trip Purpose % | | |
|---|---|---|---|---|---|---|---|---|---|
| Land Use | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| Enclosed Parking with Elevator | 16.60 | 8.40 | 6.90 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| Hotel | 16.60 | 8.40 | 6.90 | 19.40 | 61.60 | 19.00 | 58 | 38 | 4 |

## 4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Enclosed Parking with Elevator | 0.549559 | 0.042893 | 0.201564 | 0.118533 | 0.015569 | 0.005846 | 0.021394 | 0.034255 | 0.002099 | 0.001828 | 0.004855 | 0.000709 | 0.000896 |
| Hotel | 0.549559 | 0.042893 | 0.201564 | 0.118533 | 0.015569 | 0.005846 | 0.021394 | 0.034255 | 0.002099 | 0.001828 | 0.004855 | 0.000709 | 0.000896 |

## 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 | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| NaturalGas Unmitigated | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |

## 5.2 Energy by Land Use - NaturalGas

**Unmitigated**

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| Enclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hotel | 8015.23 | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| **Total** | | **0.0864** | **0.7858** | **0.6601** | **4.7100e-003** | | **0.0597** | **0.0597** | | **0.0597** | **0.0597** | | **942.9686** | **942.9686** | **0.0181** | **0.0173** | **948.5722** |

**Mitigated**

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| Enclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hotel | 8.01523 | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| **Total** | | **0.0864** | **0.7858** | **0.6601** | **4.7100e-003** | | **0.0597** | **0.0597** | | **0.0597** | **0.0597** | | **942.9686** | **942.9686** | **0.0181** | **0.0173** | **948.5722** |

# 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 | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| Unmitigated | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |

## 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 | 0.3124 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 2.4276 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 3.6400e-003 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| **Total** | **2.7436** | **3.6000e-004** | **0.0392** | **0.0000** | | **1.4000e-004** | **1.4000e-004** | | **1.4000e-004** | **1.4000e-004** | | **0.0838** | **0.0838** | **2.2000e-004** | | **0.0894** |

### 6.2 Area by SubCategory

**Mitigated**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SubCategory | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 0.3124 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 2.4276 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 3.6400e-003 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| **Total** | **2.7436** | **3.6000e-004** | **0.0392** | **0.0000** | | **1.4000e-004** | **1.4000e-004** | | **1.4000e-004** | **1.4000e-004** | | **0.0838** | **0.0838** | **2.2000e-004** | | **0.0894** |

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

## 8.0 Waste Detail

### 8.1 Mitigation Measures Waste

## 9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|---|---|---|---|---|---|---|

## 10.0 Stationary Equipment

**Fire Pumps and Emergency Generators**

| Equipment Type | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|---|---|---|---|---|---|---|

**Boilers**

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

**User Defined Equipment**

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

## 11.0 Vegetation

**Total On-Road Emissions**

| Construction Phase | Source | Year | Daily One-Way Truck Trips | Haul Days per Phase (Days) | Work Hours per day (Hours per day) | One-Way Trip Distance per day (miles) | Regional Emissions (pounds/day) ROG | NOX | CO | SO2 | PM10 Dust | PM10 Exh | Total PM10 | PM2.5 Dust | PM2.5 Exh | Total PM2.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Demolition | | | | | | | 0.07 | 1.94 | 0.62 | 0.01 | 0.29 | 0.03 | 0.31 | 0.08 | 0.03 | 0.10 |
| Worker | LDA,LDT1,LDT2 | 2020 | 10 | 53 | 8 | 14.7 | 0.01 | 0.03 | 0.37 | 0.00 | 0.11 | 0.00 | 0.11 | 0.03 | 0.00 | 0.03 |
| Hauling | HHDT | 2020 | 10 | 53 | 8 | 20 | 0.06 | 1.91 | 0.24 | 0.01 | 0.17 | 0.03 | 0.20 | 0.05 | 0.03 | 0.07 |
| Excavation | | | | | | | 0.71 | 22.56 | 3.39 | 0.07 | 2.22 | 0.33 | 2.54 | 0.61 | 0.31 | 0.92 |
| Worker | LDA,LDT1,LDT2 | 2020 | 14 | 75 | 8 | 14.7 | 0.01 | 0.04 | 0.52 | 0.00 | 0.16 | 0.00 | 0.16 | 0.04 | 0.00 | 0.04 |
| Hauling | HHDT | 2020 | 118 | 75 | 8 | 20 | 0.70 | 22.51 | 2.87 | 0.07 | 2.06 | 0.33 | 2.39 | 0.56 | 0.31 | 0.88 |
| Foundations | | | | | | | 0.07 | 1.51 | 0.74 | 0.01 | 0.32 | 0.03 | 0.35 | 0.09 | 0.03 | 0.12 |
| Worker | LDA,LDT1,LDT2 | 2020 | 14 | 79 | 8 | 14.7 | 0.01 | 0.04 | 0.52 | 0.00 | 0.16 | 0.00 | 0.16 | 0.04 | 0.00 | 0.04 |
| Vendor | MHDT,HHDT | 2020 | 26 | 79 | 8 | 6.9 | 0.06 | 1.47 | 0.22 | 0.00 | 0.17 | 0.03 | 0.20 | 0.05 | 0.03 | 0.08 |
| Concrete Pour | | | | | | | 1.38 | 44.29 | 5.93 | 0.14 | 4.14 | 0.64 | 4.78 | 1.13 | 0.61 | 1.75 |
| Worker | LDA,LDT1,LDT2 | 2020 | 8 | 6 | 8 | 14.7 | 0.01 | 0.02 | 0.30 | 0.00 | 0.09 | 0.00 | 0.09 | 0.02 | 0.00 | 0.02 |
| Hauling | HHDT | 2020 | 232 | 6 | 8 | 20 | 1.37 | 44.27 | 5.63 | 0.14 | 4.05 | 0.64 | 4.69 | 1.11 | 0.61 | 1.72 |
| Building Construction | | | | | | | 0.09 | 1.45 | 2.42 | 0.01 | 0.90 | 0.03 | 0.93 | 0.24 | 0.03 | 0.27 |
| Worker | LDA,LDT1,LDT2 | 2021 | 66 | 468 | 8 | 14.7 | 0.04 | 0.17 | 2.23 | 0.01 | 0.74 | 0.00 | 0.74 | 0.20 | 0.00 | 0.20 |
| Vendor | MHDT,HHDT | 2021 | 26 | 468 | 8 | 6.9 | 0.05 | 1.29 | 0.19 | 0.00 | 0.17 | 0.02 | 0.19 | 0.05 | 0.02 | 0.07 |
| Paving | | | | | | | 0.01 | 0.05 | 0.67 | 0.00 | 0.22 | 0.00 | 0.22 | 0.06 | 0.00 | 0.06 |
| Worker | LDA,LDT1,LDT2 | 2021 | 20 | 11 | 8 | 14.7 | 0.01 | 0.05 | 0.67 | 0.00 | 0.22 | 0.00 | 0.22 | 0.06 | 0.00 | 0.06 |
| Architectural Coating | | | | | | | 0.01 | 0.03 | 0.43 | 0.00 | 0.16 | 0.00 | 0.16 | 0.04 | 0.00 | 0.04 |
| Worker | LDA,LDT1,LDT2 | 2022 | 14 | 77 | 8 | 14.7 | 0.01 | 0.03 | 0.43 | 0.00 | 0.16 | 0.00 | 0.16 | 0.04 | 0.00 | 0.04 |

**On-Road Regional Running Emissions**

| Construction Phase | Source | Year | Daily One-Way Truck Trips | Haul Days per Phase (Days) | Work Hours per day (Hours per day) | One-Way Trip Distance per day (miles) | Running Emissions Factor (grams/mile) | | | | | | Regional Emissions (pounds/day) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | ROG | NOX | CO | SO2 | PM10 | PM2.5 | ROG | NOX | CO | SO2 | PM10 | PM2.5 |
| Demolition | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2020 | 10 | 53 | 8 | 14.7 | 2.42E-02 | 9.06E-02 | 1.15E+00 | 3.14E-03 | 2.14E-03 | 1.96E-03 | 0.01 | 0.03 | 0.37 | 0.00 | 0.00 | 0.00 |
| Hauling | HHDT | 2020 | 10 | 53 | 8 | 20 | 1.32E-01 | 4.29E+00 | 5.19E-01 | 1.40E-02 | 6.25E-02 | 5.98E-02 | 0.06 | 1.89 | 0.23 | 0.01 | 0.03 | 0.03 |
| Excavation | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2020 | 14 | 75 | 8 | 14.7 | 2.42E-02 | 9.06E-02 | 1.15E+00 | 3.14E-03 | 2.14E-03 | 1.96E-03 | 0.01 | 0.04 | 0.52 | 0.00 | 0.00 | 0.00 |
| Hauling | HHDT | 2020 | 118 | 75 | 8 | 20 | 1.32E-01 | 4.29E+00 | 5.19E-01 | 1.40E-02 | 6.25E-02 | 5.98E-02 | 0.69 | 22.33 | 2.70 | 0.07 | 0.33 | 0.31 |
| Foundations | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2020 | 14 | 79 | 8 | 14.7 | 2.42E-02 | 9.06E-02 | 1.15E+00 | 3.14E-03 | 2.14E-03 | 1.96E-03 | 0.01 | 0.04 | 0.52 | 0.00 | 0.00 | 0.00 |
| Vendor | MHDT,HHDT | 2020 | 26 | 79 | 8 | 6.9 | 1.39E-01 | 3.66E+00 | 5.14E-01 | 1.17E-02 | 7.58E-02 | 7.25E-02 | 0.06 | 1.45 | 0.20 | 0.00 | 0.03 | 0.03 |
| Concrete Pour | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2020 | 8 | 6 | 8 | 14.7 | 2.42E-02 | 9.06E-02 | 1.15E+00 | 3.14E-03 | 2.14E-03 | 1.96E-03 | 0.01 | 0.02 | 0.30 | 0.00 | 0.00 | 0.00 |
| Hauling | HHDT | 2020 | 232 | 6 | 8 | 20 | 1.32E-01 | 4.29E+00 | 5.19E-01 | 1.40E-02 | 6.25E-02 | 5.98E-02 | 1.35 | 43.91 | 5.31 | 0.14 | 0.64 | 0.61 |
| Building Construction | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2021 | 66 | 468 | 8 | 14.7 | 2.09E-02 | 7.85E-02 | 1.04E+00 | 3.06E-03 | 2.00E-03 | 1.84E-03 | 0.04 | 0.17 | 2.23 | 0.01 | 0.00 | 0.00 |
| Vendor | MHDT,HHDT | 2021 | 26 | 468 | 8 | 6.9 | 1.12E-01 | 3.19E+00 | 4.32E-01 | 1.14E-02 | 6.25E-02 | 5.98E-02 | 0.04 | 1.26 | 0.17 | 0.00 | 0.02 | 0.02 |
| Paving | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2021 | 20 | 11 | 8 | 14.7 | 2.09E-02 | 7.85E-02 | 1.04E+00 | 3.06E-03 | 2.00E-03 | 1.84E-03 | 0.01 | 0.05 | 0.67 | 0.00 | 0.00 | 0.00 |
| Architectural Coating | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2022 | 14 | 77 | 8 | 14.7 | 1.81E-02 | 6.85E-02 | 9.48E-01 | 2.97E-03 | 1.88E-03 | 1.73E-03 | 0.01 | 0.03 | 0.43 | 0.00 | 0.00 | 0.00 |

**On-Road Regional Running Emissions**

| Construction Phase | Source | Year | Daily One-Way Truck Trips | Haul Days per Phase (Days) | Work Hours per day (Hours per day) | One-Way Trip Distance per day (miles) | Running Emissions Factor (grams/mile) PM10 RD | PM10 BW | PM10 TW | PM2.5 RD | PM2.5 BW | PM2.5 TW | Regional Emissions (pounds/day) PM10 RD | PM10 BW | PM10 TW | PM2.5 RD | PM2.5 BW | PM2.5 TW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Demolition | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2020 | 10 | 53 | 8 | 14.7 | 3.00E-01 | 3.68E-02 | 8.00E-03 | 7.36E-02 | 1.58E-02 | 2.00E-03 | 0.10 | 0.01 | 0.00 | 0.02 | 0.01 | 0.00 |
| Hauling | HHDT | 2020 | 10 | 53 | 8 | 20 | 3.00E-01 | 6.09E-02 | 3.55E-02 | 7.36E-02 | 2.61E-02 | 8.87E-03 | 0.13 | 0.03 | 0.02 | 0.03 | 0.01 | 0.00 |
| Excavation | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2020 | 14 | 75 | 8 | 14.7 | 3.00E-01 | 3.68E-02 | 8.00E-03 | 7.36E-02 | 1.58E-02 | 2.00E-03 | 0.14 | 0.02 | 0.00 | 0.03 | 0.01 | 0.00 |
| Hauling | HHDT | 2020 | 118 | 75 | 8 | 20 | 3.00E-01 | 6.09E-02 | 3.55E-02 | 7.36E-02 | 2.61E-02 | 8.87E-03 | 1.56 | 0.32 | 0.18 | 0.38 | 0.14 | 0.05 |
| Foundations | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2020 | 14 | 79 | 8 | 14.7 | 3.00E-01 | 3.68E-02 | 8.00E-03 | 7.36E-02 | 1.58E-02 | 2.00E-03 | 0.14 | 0.02 | 0.00 | 0.03 | 0.01 | 0.00 |
| Vendor | MHDT,HHDT | 2020 | 26 | 79 | 8 | 6.9 | 3.00E-01 | 9.56E-02 | 2.37E-02 | 7.36E-02 | 4.10E-02 | 5.94E-03 | 0.12 | 0.04 | 0.01 | 0.03 | 0.02 | 0.00 |
| Concrete Pour | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2020 | 8 | 6 | 8 | 14.7 | 3.00E-01 | 3.68E-02 | 8.00E-03 | 7.36E-02 | 1.58E-02 | 2.00E-03 | 0.08 | 0.01 | 0.00 | 0.02 | 0.00 | 0.00 |
| Hauling | HHDT | 2020 | 232 | 6 | 8 | 20 | 3.00E-01 | 6.09E-02 | 3.55E-02 | 7.36E-02 | 2.61E-02 | 8.87E-03 | 3.07 | 0.62 | 0.36 | 0.75 | 0.27 | 0.09 |
| Building Construction | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2021 | 66 | 468 | 8 | 14.7 | 3.00E-01 | 3.68E-02 | 8.00E-03 | 7.36E-02 | 1.58E-02 | 2.00E-03 | 0.64 | 0.08 | 0.02 | 0.16 | 0.03 | 0.00 |
| Vendor | MHDT,HHDT | 2021 | 26 | 468 | 8 | 6.9 | 3.00E-01 | 9.56E-02 | 2.37E-02 | 7.36E-02 | 4.10E-02 | 5.94E-03 | 0.12 | 0.04 | 0.01 | 0.03 | 0.02 | 0.00 |
| Paving | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2021 | 20 | 11 | 8 | 14.7 | 3.00E-01 | 3.68E-02 | 8.00E-03 | 7.36E-02 | 1.58E-02 | 2.00E-03 | 0.19 | 0.02 | 0.01 | 0.05 | 0.01 | 0.00 |
| Architectural Coating | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2022 | 14 | 77 | 8 | 14.7 | 3.00E-01 | 3.68E-02 | 8.00E-03 | 7.36E-02 | 1.58E-02 | 2.00E-03 | 0.14 | 0.02 | 0.00 | 0.03 | 0.01 | 0.00 |

**On-Road Idling Emissions**

| Construction Phase | Source | Year | Daily One-Way Truck Trips | Haul Days per Phase (Days) | Work Hours per day (Hours per day) | Idling Time per Truck (minutes) | Idling Emissions Factor (grams/min) | | | | | | Regional Emissions (pounds/day) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | ROG | NOX | CO | SO2 | PM10 | PM2.5 | ROG | NOX | CO | SO2 | PM10 | PM2.5 |
| Demolition | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2020 | 10 | 53 | 8 | | | | | | | | | | | | | |
| Hauling | HHDT | 2020 | 10 | 53 | 8 | 15 | 3.49E-03 | 4.69E-02 | 4.23E-02 | 8.00E-05 | 9.57E-05 | 9.16E-05 | 1.15E-03 | 1.55E-02 | 1.40E-02 | 2.65E-05 | 3.17E-05 | 3.03E-05 |
| Excavation | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2020 | 14 | 75 | 8 | | | | | | | | | | | | | |
| Hauling | HHDT | 2020 | 118 | 75 | 8 | 15 | 3.49E-03 | 4.69E-02 | 4.23E-02 | 8.00E-05 | 9.57E-05 | 9.16E-05 | 1.36E-02 | 1.83E-01 | 1.65E-01 | 3.12E-04 | 3.74E-04 | 3.57E-04 |
| Foundations | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2020 | 14 | 79 | 8 | | | | | | | | | | | | | |
| Vendor | MHDT,HHDT | 2020 | 26 | 79 | 8 | 15 | 1.79E-03 | 2.64E-02 | 2.20E-02 | 4.28E-05 | 5.88E-05 | 5.62E-05 | 1.54E-03 | 2.27E-02 | 1.89E-02 | 3.68E-05 | 5.05E-05 | 4.83E-05 |
| Concrete Pour | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2020 | 8 | 6 | 8 | | | | | | | | | | | | | |
| Hauling | HHDT | 2020 | 232 | 6 | 8 | 15 | 3.49E-03 | 4.69E-02 | 4.23E-02 | 8.00E-05 | 9.57E-05 | 9.16E-05 | 2.68E-02 | 3.60E-01 | 3.25E-01 | 6.14E-04 | 7.35E-04 | 7.03E-04 |
| Building Construction | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2021 | 66 | 468 | 8 | | | | | | | | | | | | | |
| Vendor | HHDT | 2021 | 26 | 468 | 8 | 15 | 1.78E-03 | 2.60E-02 | 2.30E-02 | 4.32E-05 | 4.23E-05 | 4.05E-05 | 1.53E-03 | 2.23E-02 | 1.98E-02 | 3.72E-05 | 3.64E-05 | 3.48E-05 |
| Paving | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2021 | 20 | 11 | 8 | | | | | | | | | | | | | |
| Architectural Coating | | | | | | | | | | | | | | | | | | |
| Worker | LDA,LDT1,LDT2 | 2022 | 14 | 77 | 8 | | | | | | | | | | | | | |

**Jefferson Hotel Project**
**Road Dust Emission Factors**

**Paved Road Dust Emission Factors (Assumes No Precipitation)**

Formula: $EF_{Dust,P} = (k\ (sL)^{0.91} \times (W)^{1.02})$

Where:

**$EF_{Dust,P}$ =** Paved Road Dust Emission Factor (having the same units as k)
**k =** particle size multiplier
**sL =** road surface silt loading ($g/m^2$)
**W =** average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

| | Emission Factor (grams per VMT) | |
|---|---|---|
| | **PM10** | **PM2.5** |
| k | 0.9979 | 0.2449 |
| sL | 0.1 | 0.1 |
| W | 2.4 | 2.4 |
| $EF_{Dust,P}$ | 3.00E-01 | 7.36E-02 |

**Unpaved Road Dust Emission Factors (Assumes No Precipitation)**

Formula: $EF_{Dust,U} = (k\ (\ s / 12)^{1} \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C)$

Where:

**$EF_{Dust,U}$ =** Unpaved Road Dust Emission Factor (having the same units as k)
**k =** particle size multiplier
**s =** surface material silt content (%)
**Sp =** mean vehicle speed (mph)
**M =** surface material moisture content (%)
**C =** Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

| | Emission Factor (grams per VMT) | |
|---|---|---|
| | **PM10** | **PM2.5** |
| k | 816.47 | 81.65 |
| s | 4.3% | 4.3% |
| Sp | 15 | 15 |
| M | 0.5% | 0.5% |
| C | 0.00047 | 0.00036 |
| $EF_{Dust,U}$ | 5.20E+00 | 5.19E-01 |

Sources:
SCAQMD, CalEEMod, Version 2011.1.
CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document* , (1997).
USEPA, *AP-42* , Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).
ESA, 2019.

**Worker Running Emission Factors**

| Row Labels | ROG | NOX | CO | SOX | PM10 Exhaust | PM10 TireWear | PM10 BrakeWear | PM2.5 Exhaust | PM2.5 TireWear | PM2.5 BrakeWear |
|---|---|---|---|---|---|---|---|---|---|---|
| Vehicle Category | Running Exhaust Emission Factor (g/mile) | | | | | | | | | |
| **2020** | | | | | | | | | | |
| LDA | 1.48E-02 | 5.08E-02 | 8.31E-01 | 2.83E-03 | 1.84E-03 | 8.00E-03 | 3.68E-02 | 1.69E-03 | 2.00E-03 | 1.58E-02 |
| LDT1 | 4.28E-02 | 1.53E-01 | 1.77E+00 | 3.29E-03 | 2.93E-03 | 8.00E-03 | 3.68E-02 | 2.69E-03 | 2.00E-03 | 1.58E-02 |
| LDT2 | 2.42E-02 | 1.08E-01 | 1.18E+00 | 3.60E-03 | 1.94E-03 | 8.00E-03 | 3.68E-02 | 1.78E-03 | 2.00E-03 | 1.58E-02 |
| **2021** | | | | | | | | | | |
| LDA | 1.26E-02 | 4.40E-02 | 7.60E-01 | 2.76E-03 | 1.74E-03 | 8.00E-03 | 3.68E-02 | 1.60E-03 | 2.00E-03 | 1.58E-02 |
| LDT1 | 3.70E-02 | 1.33E-01 | 1.57E+00 | 3.22E-03 | 2.69E-03 | 8.00E-03 | 3.68E-02 | 2.48E-03 | 2.00E-03 | 1.58E-02 |
| LDT2 | 2.13E-02 | 9.33E-02 | 1.07E+00 | 3.48E-03 | 1.84E-03 | 8.00E-03 | 3.68E-02 | 1.69E-03 | 2.00E-03 | 1.58E-02 |
| **2022** | | | | | | | | | | |
| LDA | 1.08E-02 | 3.87E-02 | 7.02E-01 | 2.69E-03 | 1.65E-03 | 8.00E-03 | 3.68E-02 | 1.52E-03 | 2.00E-03 | 1.58E-02 |
| LDT1 | 3.20E-02 | 1.15E-01 | 1.40E+00 | 3.13E-03 | 2.48E-03 | 8.00E-03 | 3.68E-02 | 2.28E-03 | 2.00E-03 | 1.58E-02 |
| LDT2 | 1.87E-02 | 8.14E-02 | 9.84E-01 | 3.36E-03 | 1.75E-03 | 8.00E-03 | 3.68E-02 | 1.61E-03 | 2.00E-03 | 1.58E-02 |
| **2023** | | | | | | | | | | |
| LDA | 9.32E-03 | 3.43E-02 | 6.54E-01 | 2.62E-03 | 1.58E-03 | 8.00E-03 | 3.68E-02 | 1.45E-03 | 2.00E-03 | 1.58E-02 |
| LDT1 | 2.76E-02 | 1.01E-01 | 1.26E+00 | 3.05E-03 | 2.29E-03 | 8.00E-03 | 3.68E-02 | 2.10E-03 | 2.00E-03 | 1.58E-02 |
| LDT2 | 1.66E-02 | 7.14E-02 | 9.09E-01 | 3.25E-03 | 1.67E-03 | 8.00E-03 | 3.68E-02 | 1.54E-03 | 2.00E-03 | 1.58E-02 |
| **2024** | | | | | | | | | | |
| LDA | 8.19E-03 | 3.09E-02 | 6.17E-01 | 2.55E-03 | 1.53E-03 | 8.00E-03 | 3.68E-02 | 1.41E-03 | 2.00E-03 | 1.58E-02 |
| LDT1 | 2.42E-02 | 8.85E-02 | 1.14E+00 | 2.98E-03 | 2.15E-03 | 8.00E-03 | 3.68E-02 | 1.98E-03 | 2.00E-03 | 1.58E-02 |
| LDT2 | 1.49E-02 | 6.34E-02 | 8.52E-01 | 3.15E-03 | 1.63E-03 | 8.00E-03 | 3.68E-02 | 1.50E-03 | 2.00E-03 | 1.58E-02 |
| **2025** | | | | | | | | | | |
| LDA | 7.18E-03 | 2.82E-02 | 5.83E-01 | 2.48E-03 | 1.48E-03 | 8.00E-03 | 3.68E-02 | 1.36E-03 | 2.00E-03 | 1.58E-02 |
| LDT1 | 2.10E-02 | 7.80E-02 | 1.04E+00 | 2.90E-03 | 2.02E-03 | 8.00E-03 | 3.68E-02 | 1.85E-03 | 2.00E-03 | 1.58E-02 |
| LDT2 | 1.33E-02 | 5.67E-02 | 8.00E-01 | 3.04E-03 | 1.57E-03 | 8.00E-03 | 3.68E-02 | 1.45E-03 | 2.00E-03 | 1.58E-02 |

**Composite Light-Duty Running Emission Factors (g/mile)**

| Row Labels | ROG | NOX | CO | SOX | PM10 Exhaust | PM10 TireWear | PM10 BrakeWear | PM2.5 Exhaust | PM2.5 TireWear | PM2.5 BrakeWear |
|---|---|---|---|---|---|---|---|---|---|---|
| Vehicle Category | Running Exhaust Emission Factor (g/mile) | | | | | | | | | |
| 2020 | 2.42E-02 | 9.06E-02 | 1.15E+00 | 3.14E-03 | 2.14E-03 | 8.00E-03 | 3.68E-02 | 1.96E-03 | 2.00E-03 | 1.58E-02 |
| 2021 | 2.09E-02 | 7.85E-02 | 1.04E+00 | 3.06E-03 | 2.00E-03 | 8.00E-03 | 3.68E-02 | 1.84E-03 | 2.00E-03 | 1.58E-02 |
| 2022 | 1.81E-02 | 6.85E-02 | 9.48E-01 | 2.97E-03 | 1.88E-03 | 8.00E-03 | 3.68E-02 | 1.73E-03 | 2.00E-03 | 1.58E-02 |
| 2023 | 1.57E-02 | 6.02E-02 | 8.69E-01 | 2.88E-03 | 1.78E-03 | 8.00E-03 | 3.68E-02 | 1.63E-03 | 2.00E-03 | 1.58E-02 |
| 2024 | 1.39E-02 | 5.34E-02 | 8.07E-01 | 2.81E-03 | 1.71E-03 | 8.00E-03 | 3.68E-02 | 1.57E-03 | 2.00E-03 | 1.58E-02 |
| 2025 | 1.22E-02 | 4.78E-02 | 7.52E-01 | 2.72E-03 | 1.64E-03 | 8.00E-03 | 3.68E-02 | 1.51E-03 | 2.00E-03 | 1.58E-02 |

**Composite Light-Duty Running Emission Factors (lb/mile)**

| Row Labels | ROG | NOX | CO | SOX | PM10 Exhaust | PM10 TireWear | PM10 BrakeWear | PM2.5 Exhaust | PM2.5 TireWear | PM2.5 BrakeWear |
|---|---|---|---|---|---|---|---|---|---|---|
| Vehicle Category | Running Exhaust Emission Factor (lb/mile) | | | | | | | | | |
| 2020 | 5.32E-05 | 2.00E-04 | 2.54E-03 | 6.92E-06 | 4.71E-06 | 1.76E-05 | 8.10E-05 | 4.33E-06 | 4.41E-06 | 3.47E-05 |
| 2021 | 4.60E-05 | 1.73E-04 | 2.29E-03 | 6.74E-06 | 4.42E-06 | 1.76E-05 | 8.10E-05 | 4.06E-06 | 4.41E-06 | 3.47E-05 |
| 2022 | 3.99E-05 | 1.51E-04 | 2.09E-03 | 6.55E-06 | 4.15E-06 | 1.76E-05 | 8.10E-05 | 3.81E-06 | 4.41E-06 | 3.47E-05 |
| 2023 | 3.46E-05 | 1.33E-04 | 1.92E-03 | 6.36E-06 | 3.92E-06 | 1.76E-05 | 8.10E-05 | 3.60E-06 | 4.41E-06 | 3.47E-05 |
| 2024 | 3.06E-05 | 1.18E-04 | 1.78E-03 | 6.19E-06 | 3.78E-06 | 1.76E-05 | 8.10E-05 | 3.47E-06 | 4.41E-06 | 3.47E-05 |
| 2025 | 2.68E-05 | 1.05E-04 | 1.66E-03 | 6.01E-06 | 3.61E-06 | 1.76E-05 | 8.10E-05 | 3.32E-06 | 4.41E-06 | 3.47E-05 |

| Vehicle Category | Fleet Distribution[1] |
|---|---|
| LDA | 50% |
| LDT1 | 25% |
| LDT2 | 25% |

[1]CalEEMod User's Guide, Appendix A, p. 15-16

**Vendor Running Emission Factors**

| Row Labels | ROG | NOX | CO | SOX | PM10 Exhaust | PM10 TireWear | PM10 BrakeWear | PM2.5 Exhaust | PM2.5 TireWear | PM2.5 BrakeWear |
|---|---|---|---|---|---|---|---|---|---|---|
| Vehicle Category | Running Exhaust Emission Factor (g/mile) | | | | | | | | | |
| **2020** | | | | | | | | | | |
| HHDT | 1.32E-01 | 4.29E+00 | 5.19E-01 | 1.40E-02 | 6.25E-02 | 3.55E-02 | 6.09E-02 | 5.98E-02 | 8.87E-03 | 2.61E-02 |
| MHDT | 1.47E-01 | 3.02E+00 | 5.10E-01 | 9.35E-03 | 8.90E-02 | 1.20E-02 | 1.30E-01 | 8.52E-02 | 3.00E-03 | 5.59E-02 |
| **2021** | | | | | | | | | | |
| HHDT | 1.07E-01 | 3.85E+00 | 4.43E-01 | 1.37E-02 | 5.22E-02 | 3.55E-02 | 6.09E-02 | 4.99E-02 | 8.87E-03 | 2.61E-02 |
| MHDT | 1.18E-01 | 2.54E+00 | 4.21E-01 | 9.15E-03 | 7.28E-02 | 1.20E-02 | 1.30E-01 | 6.96E-02 | 3.00E-03 | 5.59E-02 |
| **2022** | | | | | | | | | | |
| HHDT | 6.63E-02 | 3.29E+00 | 3.07E-01 | 1.33E-02 | 2.96E-02 | 3.55E-02 | 6.09E-02 | 2.84E-02 | 8.87E-03 | 2.61E-02 |
| MHDT | 5.84E-02 | 1.77E+00 | 2.35E-01 | 8.85E-03 | 3.87E-02 | 1.20E-02 | 1.30E-01 | 3.70E-02 | 3.00E-03 | 5.59E-02 |
| **2023** | | | | | | | | | | |
| HHDT | 1.91E-02 | 2.45E+00 | 1.95E-01 | 1.26E-02 | 2.07E-02 | 3.55E-02 | 6.09E-02 | 1.98E-02 | 8.87E-03 | 2.61E-02 |
| MHDT | 7.63E-03 | 1.14E+00 | 7.05E-02 | 8.47E-03 | 7.42E-03 | 1.20E-02 | 1.30E-01 | 7.10E-03 | 3.00E-03 | 5.59E-02 |
| **2024** | | | | | | | | | | |
| HHDT | 1.93E-02 | 2.47E+00 | 1.99E-01 | 1.24E-02 | 2.07E-02 | 3.55E-02 | 6.09E-02 | 1.99E-02 | 8.87E-03 | 2.61E-02 |
| MHDT | 7.67E-03 | 1.16E+00 | 7.20E-02 | 8.37E-03 | 7.46E-03 | 1.20E-02 | 1.30E-01 | 7.14E-03 | 3.00E-03 | 5.59E-02 |
| **2025** | | | | | | | | | | |
| HHDT | 1.93E-02 | 2.45E+00 | 2.00E-01 | 1.21E-02 | 2.08E-02 | 3.55E-02 | 6.09E-02 | 1.99E-02 | 8.87E-03 | 2.61E-02 |
| MHDT | 7.64E-03 | 1.16E+00 | 7.24E-02 | 8.23E-03 | 7.53E-03 | 1.20E-02 | 1.30E-01 | 7.21E-03 | 3.00E-03 | 5.59E-02 |

**Composite MHDT/HHDT Running Emission Factors (g/mile)**

| Row Labels | ROG | NOX | CO | SOX | PM10 Exhaust | PM10 TireWear | PM10 BrakeWear | PM2.5 Exhaust | PM2.5 TireWear | PM2.5 BrakeWear |
|---|---|---|---|---|---|---|---|---|---|---|
| Vehicle Category | Running Exhaust Emission Factor (g/mile) | | | | | | | | | |
| 2020 | 1.39E-01 | 3.66E+00 | 5.14E-01 | 1.17E-02 | 7.58E-02 | 2.37E-02 | 9.56E-02 | 7.25E-02 | 5.94E-03 | 4.10E-02 |
| 2021 | 1.12E-01 | 3.19E+00 | 4.32E-01 | 1.14E-02 | 6.25E-02 | 2.37E-02 | 9.56E-02 | 5.98E-02 | 5.94E-03 | 4.10E-02 |
| 2022 | 6.24E-02 | 2.53E+00 | 2.71E-01 | 1.11E-02 | 3.42E-02 | 2.37E-02 | 9.56E-02 | 3.27E-02 | 5.94E-03 | 4.10E-02 |
| 2023 | 1.34E-02 | 1.79E+00 | 1.33E-01 | 1.05E-02 | 1.41E-02 | 2.37E-02 | 9.56E-02 | 1.35E-02 | 5.94E-03 | 4.10E-02 |
| 2024 | 1.35E-02 | 1.81E+00 | 1.36E-01 | 1.04E-02 | 1.41E-02 | 2.37E-02 | 9.56E-02 | 1.35E-02 | 5.94E-03 | 4.10E-02 |
| 2025 | 1.35E-02 | 1.81E+00 | 1.36E-01 | 1.02E-02 | 1.42E-02 | 2.37E-02 | 9.56E-02 | 1.35E-02 | 5.94E-03 | 4.10E-02 |

**Composite MHDT/HHDT Running Emission Factors (lb/mile)**

| Row Labels | ROG | NOX | CO | SOX | PM10 Exhaust | PM10 TireWear | PM10 BrakeWear | PM2.5 Exhaust | PM2.5 TireWear | PM2.5 BrakeWear |
|---|---|---|---|---|---|---|---|---|---|---|
| Vehicle Category | Running Exhaust Emission Factor (lb/mile) | | | | | | | | | |
| 2020 | 3.07E-04 | 8.06E-03 | 1.13E-03 | 2.57E-05 | 1.67E-04 | 5.24E-05 | 2.11E-04 | 1.60E-04 | 1.31E-05 | 9.03E-05 |
| 2021 | 2.48E-04 | 7.04E-03 | 9.53E-04 | 2.52E-05 | 1.38E-04 | 5.24E-05 | 2.11E-04 | 1.32E-04 | 1.31E-05 | 9.03E-05 |
| 2022 | 1.38E-04 | 5.57E-03 | 5.97E-04 | 2.44E-05 | 7.53E-05 | 5.24E-05 | 2.11E-04 | 7.21E-05 | 1.31E-05 | 9.03E-05 |
| 2023 | 2.94E-05 | 3.95E-03 | 2.92E-04 | 2.32E-05 | 3.10E-05 | 5.23E-05 | 2.11E-04 | 2.97E-05 | 1.31E-05 | 9.03E-05 |
| 2024 | 2.97E-05 | 3.99E-03 | 2.99E-04 | 2.29E-05 | 3.11E-05 | 5.23E-05 | 2.11E-04 | 2.98E-05 | 1.31E-05 | 9.03E-05 |
| 2025 | 2.97E-05 | 3.98E-03 | 3.00E-04 | 2.24E-05 | 3.12E-05 | 5.23E-05 | 2.11E-04 | 2.99E-05 | 1.31E-05 | 9.03E-05 |

| Vehicle Category | Fleet Distribution[1] |
|---|---|
| HHDT | 50% |
| MHDT | 50% |

[1]CalEEMod User's Guide, Appendix A, p. 15-16

**Haul Running Emission Factors**

| Row Labels | ROG | NOX | CO | SOX | PM10 Exhaust | PM10 TireWear | PM10 BrakeWear | PM2.5 Exhaust | PM2.5 TireWear | PM2.5 BrakeWear |
|---|---|---|---|---|---|---|---|---|---|---|
| Vehicle Category | Running Exhaust Emission Factor (g/mile) | | | | | | | | | |
| 2020 | 1.32E-01 | 4.29E+00 | 5.19E-01 | 1.40E-02 | 6.25E-02 | 3.55E-02 | 6.09E-02 | 5.98E-02 | 8.87E-03 | 2.61E-02 |
| 2021 | 1.07E-01 | 3.85E+00 | 4.43E-01 | 1.37E-02 | 5.22E-02 | 3.55E-02 | 6.09E-02 | 4.99E-02 | 8.87E-03 | 2.61E-02 |
| 2022 | 6.63E-02 | 3.29E+00 | 3.07E-01 | 1.33E-02 | 2.96E-02 | 3.55E-02 | 6.09E-02 | 2.84E-02 | 8.87E-03 | 2.61E-02 |
| 2023 | 1.91E-02 | 2.45E+00 | 1.95E-01 | 1.26E-02 | 2.07E-02 | 3.55E-02 | 6.09E-02 | 1.98E-02 | 8.87E-03 | 2.61E-02 |
| 2024 | 1.93E-02 | 2.47E+00 | 1.99E-01 | 1.24E-02 | 2.07E-02 | 3.55E-02 | 6.09E-02 | 1.99E-02 | 8.87E-03 | 2.61E-02 |
| 2025 | 1.93E-02 | 2.45E+00 | 2.00E-01 | 1.21E-02 | 2.08E-02 | 3.55E-02 | 6.09E-02 | 1.99E-02 | 8.87E-03 | 2.61E-02 |

**HHDT Running Emission Factors (g/mile)**

| Row Labels | ROG | NOX | CO | SOX | PM10 Exhaust | PM10 TireWear | PM10 BrakeWear | PM2.5 Exhaust | PM2.5 TireWear | PM2.5 BrakeWear |
|---|---|---|---|---|---|---|---|---|---|---|
| Vehicle Category | Running Exhaust Emission Factor (g/mile) | | | | | | | | | |
| 2020 | 1.32E-01 | 4.29E+00 | 5.19E-01 | 1.40E-02 | 6.25E-02 | 3.55E-02 | 6.09E-02 | 5.98E-02 | 8.87E-03 | 2.61E-02 |
| 2021 | 1.07E-01 | 3.85E+00 | 4.43E-01 | 1.37E-02 | 5.22E-02 | 3.55E-02 | 6.09E-02 | 4.99E-02 | 8.87E-03 | 2.61E-02 |
| 2022 | 6.63E-02 | 3.29E+00 | 3.07E-01 | 1.33E-02 | 2.96E-02 | 3.55E-02 | 6.09E-02 | 2.84E-02 | 8.87E-03 | 2.61E-02 |
| 2023 | 1.91E-02 | 2.45E+00 | 1.95E-01 | 1.26E-02 | 2.07E-02 | 3.55E-02 | 6.09E-02 | 1.98E-02 | 8.87E-03 | 2.61E-02 |
| 2024 | 1.93E-02 | 2.47E+00 | 1.99E-01 | 1.24E-02 | 2.07E-02 | 3.55E-02 | 6.09E-02 | 1.99E-02 | 8.87E-03 | 2.61E-02 |
| 2025 | 1.93E-02 | 2.45E+00 | 2.00E-01 | 1.21E-02 | 2.08E-02 | 3.55E-02 | 6.09E-02 | 1.99E-02 | 8.87E-03 | 2.61E-02 |

**HHDT Running Emission Factors (lb/mile)**

| Row Labels | ROG | NOX | CO | SOX | PM10 Exhaust | PM10 TireWear | PM10 BrakeWear | PM2.5 Exhaust | PM2.5 TireWear | PM2.5 BrakeWear |
|---|---|---|---|---|---|---|---|---|---|---|
| Vehicle Category | Running Exhaust Emission Factor (lb/mile) | | | | | | | | | |
| 2020 | 2.90E-04 | 9.46E-03 | 1.14E-03 | 3.08E-05 | 1.38E-04 | 7.83E-05 | 1.34E-04 | 1.32E-04 | 1.96E-05 | 5.75E-05 |
| 2021 | 2.36E-04 | 8.48E-03 | 9.77E-04 | 3.02E-05 | 1.15E-04 | 7.82E-05 | 1.34E-04 | 1.10E-04 | 1.96E-05 | 5.75E-05 |
| 2022 | 1.46E-04 | 7.24E-03 | 6.77E-04 | 2.93E-05 | 6.54E-05 | 7.82E-05 | 1.34E-04 | 6.25E-05 | 1.96E-05 | 5.75E-05 |
| 2023 | 4.21E-05 | 5.39E-03 | 4.29E-04 | 2.77E-05 | 4.57E-05 | 7.82E-05 | 1.34E-04 | 4.37E-05 | 1.96E-05 | 5.75E-05 |
| 2024 | 4.25E-05 | 5.44E-03 | 4.39E-04 | 2.73E-05 | 4.57E-05 | 7.82E-05 | 1.34E-04 | 4.38E-05 | 1.96E-05 | 5.75E-05 |
| 2025 | 4.25E-05 | 5.41E-03 | 4.41E-04 | 2.68E-05 | 4.58E-05 | 7.82E-05 | 1.34E-04 | 4.39E-05 | 1.96E-05 | 5.75E-05 |

**Vendor Idling Emission Factors**

| Row Labels | ROG | NOX | CO | SOX | PM10 | PM2.5 |
|---|---|---|---|---|---|---|
| Vehicle Category | Idling Exhaust Emission Factor (g/vehicle/day) | | | | | |
| **2020** | | | | | | |
| HHDT | 5.03E+00 | 6.75E+01 | 6.09E+01 | 1.15E-01 | 1.38E-01 | 1.32E-01 |
| MHDT | 1.27E-01 | 8.51E+00 | 2.38E+00 | 7.96E-03 | 3.13E-02 | 3.00E-02 |
| **2021** | | | | | | |
| HHDT | 5.01E+00 | 6.71E+01 | 6.40E+01 | 1.17E-01 | 9.63E-02 | 9.21E-02 |
| MHDT | 1.14E-01 | 7.71E+00 | 2.38E+00 | 7.80E-03 | 2.56E-02 | 2.45E-02 |
| **2022** | | | | | | |
| HHDT | 4.95E+00 | 6.68E+01 | 6.75E+01 | 1.19E-01 | 3.73E-02 | 3.57E-02 |
| MHDT | 9.13E-02 | 6.44E+00 | 2.35E+00 | 7.60E-03 | 1.52E-02 | 1.45E-02 |
| **2023** | | | | | | |
| HHDT | 4.95E+00 | 6.10E+01 | 7.24E+01 | 1.14E-01 | 2.99E-02 | 2.86E-02 |
| MHDT | 6.71E-02 | 4.70E+00 | 2.43E+00 | 7.28E-03 | 4.33E-03 | 4.14E-03 |
| **2024** | | | | | | |
| HHDT | 4.96E+00 | 6.09E+01 | 7.27E+01 | 1.13E-01 | 2.90E-02 | 2.78E-02 |
| MHDT | 6.55E-02 | 4.51E+00 | 2.43E+00 | 7.13E-03 | 3.71E-03 | 3.55E-03 |
| **2025** | | | | | | |
| HHDT | 4.97E+00 | 6.08E+01 | 7.29E+01 | 1.11E-01 | 2.83E-02 | 2.71E-02 |
| MHDT | 6.42E-02 | 4.36E+00 | 2.43E+00 | 6.99E-03 | 3.19E-03 | 3.05E-03 |

| Row Labels | ROG | NOX | CO | SOX | PM10 | PM2.5 |
|---|---|---|---|---|---|---|
| Vehicle Category | Idling Exhaust Emission Factor (g/vehicle/day) | | | | | |
| 2020 | 2.58E+00 | 3.80E+01 | 3.17E+01 | 6.16E-02 | 8.46E-02 | 8.09E-02 |
| 2021 | 2.56E+00 | 3.74E+01 | 3.32E+01 | 6.22E-02 | 6.10E-02 | 5.83E-02 |
| 2022 | 2.52E+00 | 3.66E+01 | 3.49E+01 | 6.31E-02 | 2.63E-02 | 2.51E-02 |
| 2023 | 2.51E+00 | 3.28E+01 | 3.74E+01 | 6.05E-02 | 1.71E-02 | 1.64E-02 |
| 2024 | 2.51E+00 | 3.27E+01 | 3.76E+01 | 5.99E-02 | 1.64E-02 | 1.57E-02 |
| 2025 | 2.52E+00 | 3.26E+01 | 3.77E+01 | 5.92E-02 | 1.58E-02 | 1.51E-02 |

**Composite MHDT/HHDT Idling Emission Factors (g/min)**

| Row Labels | ROG | NOX | CO | SOX | PM10 | PM2.5 |
|---|---|---|---|---|---|---|
| Vehicle Category | Idling Exhaust Emission Factor (g/min) | | | | | |
| 2020 | 1.79E-03 | 2.64E-02 | 2.20E-02 | 4.28E-05 | 5.88E-05 | 5.62E-05 |
| 2021 | 1.78E-03 | 2.60E-02 | 2.30E-02 | 4.32E-05 | 4.23E-05 | 4.05E-05 |
| 2022 | 1.75E-03 | 2.54E-02 | 2.43E-02 | 4.38E-05 | 1.82E-05 | 1.74E-05 |
| 2023 | 1.74E-03 | 2.28E-02 | 2.60E-02 | 4.20E-05 | 1.19E-05 | 1.14E-05 |
| 2024 | 1.75E-03 | 2.27E-02 | 2.61E-02 | 4.16E-05 | 1.14E-05 | 1.09E-05 |
| 2025 | 1.75E-03 | 2.26E-02 | 2.62E-02 | 4.11E-05 | 1.09E-05 | 1.05E-05 |

**Composite MHDT/HHDT Idling Emission Factors (lb/min)**

| Row Labels | ROG | NOX | CO | SOX | PM10 | PM2.5 |
|---|---|---|---|---|---|---|
| Vehicle Category | Idling Exhaust Emission Factor (lb/min) | | | | | |
| 2020 | 3.94E-06 | 5.82E-05 | 4.85E-05 | 9.43E-08 | 1.30E-07 | 1.24E-07 |
| 2021 | 3.92E-06 | 5.73E-05 | 5.08E-05 | 9.53E-08 | 9.33E-08 | 8.93E-08 |
| 2022 | 3.86E-06 | 5.60E-05 | 5.35E-05 | 9.66E-08 | 4.02E-08 | 3.85E-08 |
| 2023 | 3.84E-06 | 5.03E-05 | 5.73E-05 | 9.27E-08 | 2.62E-08 | 2.50E-08 |
| 2024 | 3.85E-06 | 5.01E-05 | 5.75E-05 | 9.17E-08 | 2.51E-08 | 2.40E-08 |
| 2025 | 3.86E-06 | 4.99E-05 | 5.77E-05 | 9.06E-08 | 2.41E-08 | 2.31E-08 |

| Vehicle Category | Fleet Distribution[1] |
|---|---|
| HHDT | 50% |
| MHDT | 50% |

[1]CalEEMod User's Guide, Appendix A, p. 15-16

**Haul Idling Emission Factors**

| Row Labels | ROG | NOX | CO | SOX | PM10 | PM2.5 |
|---|---|---|---|---|---|---|
| Vehicle Category | Idling Exhaust Emission Factor (g/vehicle/day) | | | | | |
| 2020 | 5.025 | 67.494 | 60.928 | 0.115 | 0.138 | 0.132 |
| 2021 | 5.006 | 67.129 | 63.975 | 0.117 | 0.096 | 0.092 |
| 2022 | 4.954 | 66.753 | 67.544 | 0.119 | 0.037 | 0.036 |
| 2023 | 4.947 | 60.964 | 72.407 | 0.114 | 0.030 | 0.029 |
| 2024 | 4.961 | 60.884 | 72.679 | 0.113 | 0.029 | 0.028 |
| 2025 | 4.974 | 60.826 | 72.924 | 0.111 | 0.028 | 0.027 |

**Composite MHDT/HHDT Idling Emission Factors (g/min)**

| Row Labels | ROG | NOX | CO | SOX | PM10 | PM2.5 |
|---|---|---|---|---|---|---|
| Vehicle Category | Idling Exhaust Emission Factor (g/min) | | | | | |
| 2020 | 3.49E-03 | 4.69E-02 | 4.23E-02 | 8.00E-05 | 9.57E-05 | 9.16E-05 |
| 2021 | 3.48E-03 | 4.66E-02 | 4.44E-02 | 8.10E-05 | 6.68E-05 | 6.40E-05 |
| 2022 | 3.44E-03 | 4.64E-02 | 4.69E-02 | 8.23E-05 | 2.59E-05 | 2.48E-05 |
| 2023 | 3.44E-03 | 4.23E-02 | 5.03E-02 | 7.90E-05 | 2.07E-05 | 1.98E-05 |
| 2024 | 3.45E-03 | 4.23E-02 | 5.05E-02 | 7.83E-05 | 2.02E-05 | 1.93E-05 |
| 2025 | 3.45E-03 | 4.22E-02 | 5.06E-02 | 7.73E-05 | 1.97E-05 | 1.88E-05 |

**Composite MHDT/HHDT Idling Emission Factors (lb/min)**

| Row Labels | ROG | NOX | CO | SOX | PM10 | PM2.5 |
|---|---|---|---|---|---|---|
| Vehicle Category | Idling Exhaust Emission Factor (lb/min) | | | | | |
| 2020 | 7.69E-06 | 1.03E-04 | 9.33E-05 | 1.76E-07 | 2.11E-07 | 2.02E-07 |
| 2021 | 7.66E-06 | 1.03E-04 | 9.79E-05 | 1.79E-07 | 1.47E-07 | 1.41E-07 |
| 2022 | 7.58E-06 | 1.02E-04 | 1.03E-04 | 1.81E-07 | 5.72E-08 | 5.47E-08 |
| 2023 | 7.57E-06 | 9.33E-05 | 1.11E-04 | 1.74E-07 | 4.57E-08 | 4.37E-08 |
| 2024 | 7.60E-06 | 9.32E-05 | 1.11E-04 | 1.73E-07 | 4.45E-08 | 4.25E-08 |
| 2025 | 7.61E-06 | 9.31E-05 | 1.12E-04 | 1.70E-07 | 4.34E-08 | 4.15E-08 |

# A-2 Project Construction Health Risk Assessment

**Localized DPM Emissions**

| | | | |
|---|---|---|---|
| **Start** | 5/4/2020 | 8/4/2020 | |
| **End** | 8/3/2020 | 7/1/2022 | |
| Total Workdays | 79 | 598 | 1.91 Years in 0<2 age bin |

**Off-Road Heavy Duty Construction Equipment Emission Rates**

| Phase | Start Date | End Date | Number of Work Days | Hours per day | DPM: Exhaust PM10 (lb/day) | DPM: Emission Rate per work day (g/s) | Days per Age Group: 3rd Trimester | Days per Age Group: 0<2 | Days per Age Group: 2<16 | Days per Age Group: 16+ | Weighted DPM Emissions per Age Bin (g/s): 3rd Trimester | Weighted DPM Emissions per Age Bin (g/s): 0<2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Demolition | 5/4/2020 | 7/3/2020 | 53 | 8 | 0.0324 | 0.0005 | 53 | | | | 2.70E-02 | 0.00E+00 |
| Excavation | 7/6/2020 | 9/30/2020 | 75 | 8 | 0.0409 | 0.0006 | 25 | 50 | | | 1.61E-02 | 3.22E-02 |
| Foundations | 10/1/2020 | 12/31/2020 | 79 | 8 | 0.0246 | 0.0004 | | 79 | | | 0.00E+00 | 3.06E-02 |
| Continuous Concrete Pour | 11/2/2020 | 11/7/2020 | 6 | 8 | 0.0263 | 0.0004 | | 6 | | | 0.00E+00 | 2.49E-03 |
| Building Construction | 1/2/2021 | 7/1/2022 | 468 | 8 | 0.0903 | 0.0014 | | 468 | | | 0.00E+00 | 6.65E-01 |
| Paving | 11/1/2021 | 11/12/2021 | 11 | 8 | 0.0805 | 0.0013 | | 11 | | | 0.00E+00 | 1.39E-02 |
| Architectural Coating | 2/1/2022 | 4/30/2022 | 77 | 8 | 0.0053 | 0.0001 | | 77 | | | 0.00E+00 | 6.40E-03 |
| | | | | | | | | | | **Weighted Average** | **5.46E-04** | **1.26E-03** |

**Travel On-Road Haul, Concrete, Vendor Truck Emission Rates**

| Phase | Start Date | End Date | Number of Work Days | Hours per day | First Year of Construction Activity | Total Truck Trips per day | Daily One-Way Trips | One-way Trip distance (mi.) | DPM Running Emissions Factor (g/mi) | Emission Rate (g/s) | Weighted DPM Emissions per Age Bin (g/s): 3rd Trimester | Weighted DPM Emissions per Age Bin (g/s): 0<2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Demolition | 5/4/2020 | 7/3/2020 | 53 | 8 | 2020 | 5 | 10 | 0.42 | 6.25E-02 | 9.06E-06 | 4.80E-04 | 0.00E+00 |
| Excavation | 7/6/2020 | 9/30/2020 | 75 | 8 | 2020 | 59 | 118 | 0.42 | 6.25E-02 | 1.07E-04 | 2.67E-03 | 5.34E-03 |
| Foundations | 10/1/2020 | 12/31/2020 | 79 | 8 | 2020 | 13 | 26 | 0.42 | 6.25E-02 | 2.35E-05 | 0.00E+00 | 1.86E-03 |
| Continuous Concrete Pour | 11/2/2020 | 11/7/2020 | 6 | 8 | 2020 | 116 | 232 | 0.42 | 6.25E-02 | 2.10E-04 | 0.00E+00 | 1.26E-03 |
| Building Construction | 1/2/2021 | 7/1/2022 | 468 | 8 | 2021 | 13 | 26 | 0.42 | 5.22E-02 | 1.97E-05 | 0.00E+00 | 9.21E-03 |
| Paving | 11/1/2021 | 11/12/2021 | 11 | 8 | 2021 | 0 | 0 | 0.42 | 5.22E-02 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Architectural Coating | 2/1/2022 | 4/30/2022 | 77 | 8 | 2021 | 0 | 0 | 0.42 | 5.22E-02 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | | | | | | | | | | **Weighted Average** | **3.99E-05** | **2.96E-05** |

**Idling Haul, Concrete, Vendor Truck Emission Rates**

| Phase | Start Date | End Date | Number of Work Days | Hours per day | First Year of Construction Activity | Total Truck Trips Haul Trips per Day | Daily One-Way Trips | Idling Time (minutes) | DPM Idling Emissions Factor (g/min) | Emission Rate (g/s) | Weighted DPM Emissions per Age Bin (g/s): 3rd Trimester | Weighted DPM Emissions per Age Bin (g/s): 0<2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Demolition | 5/4/2020 | 7/3/2020 | 53 | 8 | 2020 | 5 | 10.00 | 15 | 4.19E-04 | 1.09E-06 | 5.79E-05 | 0.00E+00 |
| Excavation | 7/6/2020 | 9/30/2020 | 75 | 8 | 2020 | 59 | 118.00 | 15 | 4.19E-04 | 1.29E-05 | 3.22E-04 | 6.44E-04 |
| Foundations | 10/1/2020 | 12/31/2020 | 79 | 8 | 2020 | 13 | 26.00 | 15 | 4.19E-04 | 2.84E-06 | 0.00E+00 | 2.24E-04 |
| Continuous Concrete Pour | 11/2/2020 | 11/7/2020 | 6 | 8 | 2020 | 116 | 232.00 | 15 | 4.19E-04 | 2.53E-05 | 0.00E+00 | 1.52E-04 |
| Building Construction | 1/2/2021 | 7/1/2022 | 468 | 8 | 2021 | 13 | 26.00 | 15 | 3.54E-04 | 2.39E-06 | 0.00E+00 | 1.12E-03 |
| Paving | 11/1/2021 | 11/12/2021 | 11 | 8 | 2021 | 0 | 0.00 | 15 | 3.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Architectural Coating | 2/1/2022 | 4/30/2022 | 77 | 8 | 2021 | 0 | 0.00 | 15 | 3.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | | | | | | | | | | **Weighted Average** | **4.81E-06** | **3.58E-06** |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708373761841 | 370837 | 3761841 | 13.11 | 6.78 | 34.31 |
| 3708423761841 | 370842 | 3761841 | 15.18 | 7.15 | 42.90 |
| 3708473761841 | 370847 | 3761841 | 17.70 | 7.65 | 54.80 |
| 3708523761841 | 370852 | 3761841 | 20.82 | 8.31 | 71.83 |
| 3708573761841 | 370857 | 3761841 | 24.64 | 9.17 | 95.22 |
| 3708173761846 | 370817 | 3761846 | 7.87 | 5.89 | 17.00 |
| 3708323761846 | 370832 | 3761846 | 11.28 | 6.16 | 28.25 |
| 3708373761846 | 370837 | 3761846 | 12.94 | 6.37 | 34.58 |
| 3708423761846 | 370842 | 3761846 | 14.97 | 6.65 | 43.27 |
| 3708473761846 | 370847 | 3761846 | 17.47 | 7.03 | 55.38 |
| 3708523761846 | 370852 | 3761846 | 20.57 | 7.51 | 72.66 |
| 3708573761846 | 370857 | 3761846 | 24.38 | 8.10 | 96.96 |
| 3708623761846 | 370862 | 3761846 | 28.92 | 8.81 | 125.86 |
| 3707973761851 | 370797 | 3761851 | 5.15 | 5.85 | 9.79 |
| 3708023761851 | 370802 | 3761851 | 5.65 | 5.75 | 11.07 |
| 3708073761851 | 370807 | 3761851 | 6.23 | 5.68 | 12.61 |
| 3708123761851 | 370812 | 3761851 | 6.91 | 5.64 | 14.47 |
| 3708173761851 | 370817 | 3761851 | 7.70 | 5.63 | 16.77 |
| 3708373761851 | 370837 | 3761851 | 12.61 | 5.98 | 34.03 |
| 3708423761851 | 370842 | 3761851 | 14.56 | 6.20 | 42.41 |
| 3708473761851 | 370847 | 3761851 | 16.97 | 6.47 | 54.07 |
| 3708523761851 | 370852 | 3761851 | 19.94 | 6.81 | 70.55 |
| 3708573761851 | 370857 | 3761851 | 23.58 | 7.22 | 93.98 |
| 3708623761851 | 370862 | 3761851 | 27.98 | 7.71 | 124.99 |
| 3707773761856 | 370777 | 3761856 | 3.58 | 6.31 | 6.22 |
| 3707823761856 | 370782 | 3761856 | 3.88 | 6.09 | 6.87 |
| 3707873761856 | 370787 | 3761856 | 4.21 | 5.91 | 7.63 |
| 3707923761856 | 370792 | 3761856 | 4.59 | 5.76 | 8.52 |
| 3707973761856 | 370797 | 3761856 | 5.01 | 5.63 | 9.56 |
| 3708023761856 | 370802 | 3761856 | 5.50 | 5.53 | 10.80 |
| 3708073761856 | 370807 | 3761856 | 6.06 | 5.46 | 12.29 |
| 3708123761856 | 370812 | 3761856 | 6.71 | 5.41 | 14.10 |
| 3708173761856 | 370817 | 3761856 | 7.47 | 5.39 | 16.31 |
| 3708223761856 | 370822 | 3761856 | 8.35 | 5.39 | 19.06 |
| 3708373761856 | 370837 | 3761856 | 12.15 | 5.62 | 32.74 |
| 3708423761856 | 370842 | 3761856 | 13.98 | 5.78 | 40.55 |
| 3708473761856 | 370847 | 3761856 | 16.24 | 5.98 | 51.32 |
| 3708523761856 | 370852 | 3761856 | 19.02 | 6.23 | 66.39 |
| 3708573761856 | 370857 | 3761856 | 22.42 | 6.51 | 87.79 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |
| 3708683761881 | 370868 | 3761881 | 20.33 | 4.54 | 80.59 |
| 3708733761881 | 370873 | 3761881 | 23.86 | 4.63 | 107.17 |
| 3708783761881 | 370878 | 3761881 | 28.22 | 4.74 | 144.18 |
| 3708833761881 | 370883 | 3761881 | 33.58 | 4.87 | 189.18 |
| 3708883761881 | 370888 | 3761881 | 39.95 | 5.00 | 226.96 |
| 3708683761886 | 370868 | 3761886 | 18.03 | 4.24 | 66.10 |
| 3708733761886 | 370873 | 3761886 | 21.00 | 4.31 | 85.97 |
| 3708783761886 | 370878 | 3761886 | 24.66 | 4.39 | 113.64 |
| 3708833761886 | 370883 | 3761886 | 29.17 | 4.48 | 149.75 |
| 3708883761886 | 370888 | 3761886 | 34.59 | 4.58 | 187.95 |
| 3708683761891 | 370868 | 3761891 | 15.93 | 3.99 | 53.79 |
| 3708733761891 | 370873 | 3761891 | 18.40 | 4.03 | 68.49 |
| 3708783761891 | 370878 | 3761891 | 21.42 | 4.08 | 88.34 |
| 3708833761891 | 370883 | 3761891 | 25.13 | 4.14 | 114.55 |
| 3708883761891 | 370888 | 3761891 | 29.61 | 4.22 | 146.17 |
| 3708683761896 | 370868 | 3761896 | 14.03 | 3.75 | 43.87 |
| 3708733761896 | 370873 | 3761896 | 16.09 | 3.79 | 54.63 |
| 3708783761896 | 370878 | 3761896 | 18.56 | 3.82 | 68.77 |
| 3708833761896 | 370883 | 3761896 | 21.57 | 3.87 | 87.16 |
| 3708883761896 | 370888 | 3761896 | 25.20 | 3.93 | 110.54 |
| 3708683761901 | 370868 | 3761901 | 12.35 | 3.55 | 35.96 |
| 3708733761901 | 370873 | 3761901 | 14.06 | 3.57 | 43.92 |
| 3708783761901 | 370878 | 3761901 | 16.08 | 3.60 | 54.11 |
| 3708833761901 | 370883 | 3761901 | 18.51 | 3.63 | 67.11 |
| 3708883761901 | 370888 | 3761901 | 21.44 | 3.67 | 83.63 |
| | | **Average** | **22.47** | **4.14** | **98.90** |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708623761856 | 370862 | 3761856 | 26.55 | 6.84 | 117.68 |
| 3708673761856 | 370867 | 3761856 | 31.46 | 7.23 | 154.06 |
| 3707573761861 | 370757 | 3761861 | 2.62 | 7.21 | 4.22 |
| 3707623761861 | 370762 | 3761861 | 2.80 | 6.88 | 4.60 |
| 3707673761861 | 370767 | 3761861 | 3.01 | 6.58 | 5.02 |
| 3707723761861 | 370772 | 3761861 | 3.23 | 6.31 | 5.50 |
| 3707773761861 | 370777 | 3761861 | 3.49 | 6.08 | 6.04 |
| 3707823761861 | 370782 | 3761861 | 3.77 | 5.87 | 6.68 |
| 3707873761861 | 370787 | 3761861 | 4.09 | 5.70 | 7.41 |
| 3707923761861 | 370792 | 3761861 | 4.45 | 5.55 | 8.26 |
| 3707973761861 | 370797 | 3761861 | 4.86 | 5.42 | 9.26 |
| 3708023761861 | 370802 | 3761861 | 5.32 | 5.32 | 10.45 |
| 3708073761861 | 370807 | 3761861 | 5.86 | 5.24 | 11.87 |
| 3708123761861 | 370812 | 3761861 | 6.48 | 5.18 | 13.59 |
| 3708173761861 | 370817 | 3761861 | 7.19 | 5.15 | 15.68 |
| 3708223761861 | 370822 | 3761861 | 8.03 | 5.15 | 18.27 |
| 3708423761861 | 370842 | 3761861 | 13.28 | 5.41 | 38.01 |
| 3708473761861 | 370847 | 3761861 | 15.36 | 5.55 | 47.67 |
| 3708523761861 | 370852 | 3761861 | 17.91 | 5.73 | 61.00 |
| 3708573761861 | 370857 | 3761861 | 21.01 | 5.93 | 79.86 |
| 3708623761861 | 370862 | 3761861 | 24.80 | 6.16 | 106.68 |
| 3708673761861 | 370867 | 3761861 | 29.38 | 6.43 | 143.44 |
| 3708723761861 | 370872 | 3761861 | 34.77 | 6.76 | 184.51 |
| 3707573761866 | 370757 | 3761866 | 2.54 | 6.92 | 4.10 |
| 3707623761866 | 370762 | 3761866 | 2.72 | 6.61 | 4.46 |
| 3707673761866 | 370767 | 3761866 | 2.92 | 6.33 | 4.86 |
| 3707723761866 | 370772 | 3761866 | 3.14 | 6.08 | 5.32 |
| 3707773761866 | 370777 | 3761866 | 3.38 | 5.85 | 5.85 |
| 3707823761866 | 370782 | 3761866 | 3.65 | 5.66 | 6.45 |
| 3707873761866 | 370787 | 3761866 | 3.95 | 5.49 | 7.15 |
| 3707923761866 | 370792 | 3761866 | 4.30 | 5.34 | 7.96 |
| 3707973761866 | 370797 | 3761866 | 4.68 | 5.22 | 8.90 |
| 3708023761866 | 370802 | 3761866 | 5.13 | 5.12 | 10.02 |
| 3708073761866 | 370807 | 3761866 | 5.63 | 5.03 | 11.36 |
| 3708123761866 | 370812 | 3761866 | 6.21 | 4.97 | 12.96 |
| 3708173761866 | 370817 | 3761866 | 6.88 | 4.93 | 14.91 |
| 3708223761866 | 370822 | 3761866 | 7.67 | 4.92 | 17.31 |
| 3708423761866 | 370842 | 3761866 | 12.49 | 5.08 | 35.08 |
| 3708473761866 | 370847 | 3761866 | 14.38 | 5.18 | 43.52 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708523761866 | 370852 | 3761866 | 16.67 | 5.30 | 55.03 |
| 3708573761866 | 370857 | 3761866 | 19.46 | 5.45 | 71.16 |
| 3708623761866 | 370862 | 3761866 | 22.86 | 5.62 | 94.20 |
| 3708673761866 | 370867 | 3761866 | 27.02 | 5.81 | 127.12 |
| 3708723761866 | 370872 | 3761866 | 32.05 | 6.04 | 170.77 |
| 3707573761871 | 370757 | 3761871 | 2.47 | 6.65 | 3.97 |
| 3707623761871 | 370762 | 3761871 | 2.64 | 6.36 | 4.31 |
| 3707673761871 | 370767 | 3761871 | 2.83 | 6.09 | 4.69 |
| 3707723761871 | 370772 | 3761871 | 3.03 | 5.85 | 5.13 |
| 3707773761871 | 370777 | 3761871 | 3.26 | 5.64 | 5.63 |
| 3707823761871 | 370782 | 3761871 | 3.52 | 5.45 | 6.20 |
| 3707873761871 | 370787 | 3761871 | 3.81 | 5.29 | 6.85 |
| 3707923761871 | 370792 | 3761871 | 4.13 | 5.15 | 7.61 |
| 3707973761871 | 370797 | 3761871 | 4.50 | 5.02 | 8.50 |
| 3708023761871 | 370802 | 3761871 | 4.91 | 4.92 | 9.55 |
| 3708073761871 | 370807 | 3761871 | 5.39 | 4.84 | 10.78 |
| 3708123761871 | 370812 | 3761871 | 5.93 | 4.77 | 12.27 |
| 3708173761871 | 370817 | 3761871 | 6.55 | 4.73 | 14.05 |
| 3708223761871 | 370822 | 3761871 | 7.28 | 4.70 | 16.23 |
| 3708273761871 | 370827 | 3761871 | 8.12 | 4.69 | 18.92 |
| 3708473761871 | 370847 | 3761871 | 13.34 | 4.85 | 39.18 |
| 3708523761871 | 370852 | 3761871 | 15.38 | 4.94 | 48.93 |
| 3708573761871 | 370857 | 3761871 | 17.86 | 5.04 | 62.43 |
| 3708623761871 | 370862 | 3761871 | 20.86 | 5.17 | 81.55 |
| 3708673761871 | 370867 | 3761871 | 24.55 | 5.31 | 109.17 |
| 3708723761871 | 370872 | 3761871 | 29.06 | 5.47 | 148.30 |
| 3708773761871 | 370877 | 3761871 | 34.58 | 5.65 | 196.73 |
| 3707573761876 | 370757 | 3761876 | 2.39 | 6.40 | 3.83 |
| 3707623761876 | 370762 | 3761876 | 2.55 | 6.12 | 4.15 |
| 3707673761876 | 370767 | 3761876 | 2.73 | 5.87 | 4.51 |
| 3707723761876 | 370772 | 3761876 | 2.93 | 5.64 | 4.92 |
| 3707773761876 | 370777 | 3761876 | 3.14 | 5.43 | 5.39 |
| 3707823761876 | 370782 | 3761876 | 3.39 | 5.25 | 5.93 |
| 3707873761876 | 370787 | 3761876 | 3.66 | 5.10 | 6.54 |
| 3707923761876 | 370792 | 3761876 | 3.96 | 4.96 | 7.25 |
| 3707973761876 | 370797 | 3761876 | 4.30 | 4.84 | 8.07 |
| 3708023761876 | 370802 | 3761876 | 4.69 | 4.74 | 9.03 |
| 3708073761876 | 370807 | 3761876 | 5.13 | 4.66 | 10.17 |
| 3708123761876 | 370812 | 3761876 | 5.63 | 4.59 | 11.52 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708173761876 | 370817 | 3761876 | 6.20 | 4.54 | 13.13 |
| 3708223761876 | 370822 | 3761876 | 6.87 | 4.50 | 15.09 |
| 3708273761876 | 370827 | 3761876 | 7.64 | 4.48 | 17.48 |
| 3708473761876 | 370847 | 3761876 | 12.30 | 4.56 | 34.92 |
| 3708523761876 | 370852 | 3761876 | 14.09 | 4.62 | 43.03 |
| 3708573761876 | 370857 | 3761876 | 16.25 | 4.70 | 54.10 |
| 3708623761876 | 370862 | 3761876 | 18.88 | 4.79 | 69.62 |
| 3708673761876 | 370867 | 3761876 | 22.08 | 4.88 | 91.90 |
| 3708723761876 | 370872 | 3761876 | 26.03 | 5.00 | 123.84 |
| 3708773761876 | 370877 | 3761876 | 30.90 | 5.14 | 167.49 |
| 3708823761876 | 370882 | 3761876 | 36.85 | 5.30 | 215.56 |
| 3707573761881 | 370757 | 3761881 | 2.31 | 6.16 | 3.68 |
| 3707623761881 | 370762 | 3761881 | 2.46 | 5.89 | 3.98 |
| 3707673761881 | 370767 | 3761881 | 2.63 | 5.65 | 4.32 |
| 3707723761881 | 370772 | 3761881 | 2.81 | 5.43 | 4.71 |
| 3707773761881 | 370777 | 3761881 | 3.02 | 5.24 | 5.14 |
| 3707823761881 | 370782 | 3761881 | 3.25 | 5.07 | 5.64 |
| 3707873761881 | 370787 | 3761881 | 3.50 | 4.92 | 6.21 |
| 3707923761881 | 370792 | 3761881 | 3.78 | 4.79 | 6.86 |
| 3707973761881 | 370797 | 3761881 | 4.10 | 4.67 | 7.62 |
| 3708023761881 | 370802 | 3761881 | 4.46 | 4.57 | 8.50 |
| 3708073761881 | 370807 | 3761881 | 4.86 | 4.48 | 9.53 |
| 3708123761881 | 370812 | 3761881 | 5.32 | 4.41 | 10.74 |
| 3708173761881 | 370817 | 3761881 | 5.85 | 4.36 | 12.19 |
| 3708223761881 | 370822 | 3761881 | 6.45 | 4.32 | 13.92 |
| 3708273761881 | 370827 | 3761881 | 7.15 | 4.29 | 16.02 |
| 3708323761881 | 370832 | 3761881 | 7.95 | 4.28 | 18.59 |
| 3708523761881 | 370852 | 3761881 | 12.83 | 4.35 | 37.51 |
| 3708573761881 | 370857 | 3761881 | 14.70 | 4.40 | 46.47 |
| 3708623761881 | 370862 | 3761881 | 16.97 | 4.46 | 58.86 |
| 3708673761881 | 370867 | 3761881 | 19.71 | 4.52 | 76.36 |
| 3708723761881 | 370872 | 3761881 | 23.09 | 4.61 | 101.07 |
| 3708773761881 | 370877 | 3761881 | 27.28 | 4.72 | 135.92 |
| 3708823761881 | 370882 | 3761881 | 32.43 | 4.84 | 180.07 |
| 3708873761881 | 370887 | 3761881 | 38.60 | 4.97 | 220.89 |
| 3707573761886 | 370757 | 3761886 | 2.22 | 5.93 | 3.52 |
| 3707623761886 | 370762 | 3761886 | 2.37 | 5.68 | 3.81 |
| 3707673761886 | 370767 | 3761886 | 2.53 | 5.45 | 4.13 |
| 3707723761886 | 370772 | 3761886 | 2.70 | 5.24 | 4.49 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3707773761886 | 370777 | 3761886 | 2.89 | 5.06 | 4.89 |
| 3707823761886 | 370782 | 3761886 | 3.10 | 4.89 | 5.35 |
| 3707873761886 | 370787 | 3761886 | 3.34 | 4.75 | 5.87 |
| 3707923761886 | 370792 | 3761886 | 3.60 | 4.62 | 6.47 |
| 3707973761886 | 370797 | 3761886 | 3.90 | 4.51 | 7.16 |
| 3708023761886 | 370802 | 3761886 | 4.23 | 4.41 | 7.95 |
| 3708073761886 | 370807 | 3761886 | 4.60 | 4.32 | 8.88 |
| 3708123761886 | 370812 | 3761886 | 5.02 | 4.25 | 9.96 |
| 3708173761886 | 370817 | 3761886 | 5.49 | 4.19 | 11.24 |
| 3708223761886 | 370822 | 3761886 | 6.04 | 4.15 | 12.77 |
| 3708273761886 | 370827 | 3761886 | 6.66 | 4.11 | 14.59 |
| 3708323761886 | 370832 | 3761886 | 7.38 | 4.09 | 16.80 |
| 3708373761886 | 370837 | 3761886 | 8.21 | 4.08 | 19.51 |
| 3708573761886 | 370857 | 3761886 | 13.24 | 4.14 | 39.67 |
| 3708623761886 | 370862 | 3761886 | 15.17 | 4.18 | 49.37 |
| 3708673761886 | 370867 | 3761886 | 17.51 | 4.23 | 62.83 |
| 3708723761886 | 370872 | 3761886 | 20.36 | 4.29 | 81.45 |
| 3708773761886 | 370877 | 3761886 | 23.87 | 4.37 | 107.40 |
| 3708823761886 | 370882 | 3761886 | 28.19 | 4.46 | 141.99 |
| 3708873761886 | 370887 | 3761886 | 33.43 | 4.56 | 180.85 |
| 3707623761891 | 370762 | 3761891 | 2.27 | 5.47 | 3.63 |
| 3707673761891 | 370767 | 3761891 | 2.42 | 5.25 | 3.93 |
| 3707723761891 | 370772 | 3761891 | 2.59 | 5.06 | 4.26 |
| 3707773761891 | 370777 | 3761891 | 2.76 | 4.88 | 4.63 |
| 3707823761891 | 370782 | 3761891 | 2.96 | 4.73 | 5.06 |
| 3707873761891 | 370787 | 3761891 | 3.18 | 4.59 | 5.53 |
| 3707923761891 | 370792 | 3761891 | 3.42 | 4.46 | 6.08 |
| 3707973761891 | 370797 | 3761891 | 3.69 | 4.35 | 6.70 |
| 3708023761891 | 370802 | 3761891 | 4.00 | 4.25 | 7.41 |
| 3708073761891 | 370807 | 3761891 | 4.33 | 4.17 | 8.24 |
| 3708123761891 | 370812 | 3761891 | 4.71 | 4.10 | 9.20 |
| 3708173761891 | 370817 | 3761891 | 5.14 | 4.03 | 10.32 |
| 3708223761891 | 370822 | 3761891 | 5.63 | 3.98 | 11.65 |
| 3708273761891 | 370827 | 3761891 | 6.19 | 3.94 | 13.23 |
| 3708323761891 | 370832 | 3761891 | 6.82 | 3.91 | 15.11 |
| 3708373761891 | 370837 | 3761891 | 7.56 | 3.90 | 17.40 |
| 3708423761891 | 370842 | 3761891 | 8.40 | 3.89 | 20.20 |
| 3708573761891 | 370857 | 3761891 | 11.88 | 3.91 | 33.72 |
| 3708623761891 | 370862 | 3761891 | 13.51 | 3.94 | 41.24 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708673761891 | 370867 | 3761891 | 15.49 | 3.98 | 51.36 |
| 3708723761891 | 370872 | 3761891 | 17.87 | 4.02 | 65.17 |
| 3708773761891 | 370877 | 3761891 | 20.77 | 4.07 | 83.89 |
| 3708823761891 | 370882 | 3761891 | 24.33 | 4.13 | 108.80 |
| 3708873761891 | 370887 | 3761891 | 28.65 | 4.21 | 139.61 |
| 3708923761891 | 370892 | 3761891 | 33.77 | 4.29 | 172.32 |
| 3707623761896 | 370762 | 3761896 | 2.18 | 5.28 | 3.46 |
| 3707673761896 | 370767 | 3761896 | 2.32 | 5.07 | 3.73 |
| 3707723761896 | 370772 | 3761896 | 2.47 | 4.88 | 4.04 |
| 3707773761896 | 370777 | 3761896 | 2.64 | 4.72 | 4.38 |
| 3707823761896 | 370782 | 3761896 | 2.82 | 4.57 | 4.76 |
| 3707873761896 | 370787 | 3761896 | 3.02 | 4.43 | 5.20 |
| 3707923761896 | 370792 | 3761896 | 3.25 | 4.31 | 5.69 |
| 3707973761896 | 370797 | 3761896 | 3.49 | 4.21 | 6.25 |
| 3708023761896 | 370802 | 3761896 | 3.77 | 4.11 | 6.89 |
| 3708073761896 | 370807 | 3761896 | 4.08 | 4.02 | 7.62 |
| 3708123761896 | 370812 | 3761896 | 4.42 | 3.95 | 8.46 |
| 3708173761896 | 370817 | 3761896 | 4.81 | 3.89 | 9.45 |
| 3708223761896 | 370822 | 3761896 | 5.24 | 3.83 | 10.59 |
| 3708273761896 | 370827 | 3761896 | 5.74 | 3.79 | 11.94 |
| 3708323761896 | 370832 | 3761896 | 6.30 | 3.75 | 13.55 |
| 3708373761896 | 370837 | 3761896 | 6.94 | 3.73 | 15.47 |
| 3708423761896 | 370842 | 3761896 | 7.67 | 3.71 | 17.79 |
| 3708623761896 | 370862 | 3761896 | 12.02 | 3.72 | 34.45 |
| 3708673761896 | 370867 | 3761896 | 13.66 | 3.75 | 42.08 |
| 3708723761896 | 370872 | 3761896 | 15.65 | 3.78 | 52.21 |
| 3708773761896 | 370877 | 3761896 | 18.03 | 3.81 | 65.64 |
| 3708823761896 | 370882 | 3761896 | 20.92 | 3.86 | 83.09 |
| 3708873761896 | 370887 | 3761896 | 24.42 | 3.91 | 105.45 |
| 3708923761896 | 370892 | 3761896 | 28.60 | 3.98 | 132.89 |
| 3708973761896 | 370897 | 3761896 | 33.44 | 4.05 | 165.66 |
| 3707673761901 | 370767 | 3761901 | 2.22 | 4.89 | 3.54 |
| 3707723761901 | 370772 | 3761901 | 2.36 | 4.72 | 3.82 |
| 3707773761901 | 370777 | 3761901 | 2.51 | 4.56 | 4.13 |
| 3707823761901 | 370782 | 3761901 | 2.68 | 4.42 | 4.48 |
| 3707873761901 | 370787 | 3761901 | 2.87 | 4.29 | 4.87 |
| 3707923761901 | 370792 | 3761901 | 3.07 | 4.17 | 5.31 |
| 3707973761901 | 370797 | 3761901 | 3.30 | 4.07 | 5.81 |
| 3708023761901 | 370802 | 3761901 | 3.55 | 3.97 | 6.38 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708073761901 | 370807 | 3761901 | 3.83 | 3.89 | 7.03 |
| 3708123761901 | 370812 | 3761901 | 4.14 | 3.82 | 7.77 |
| 3708173761901 | 370817 | 3761901 | 4.48 | 3.75 | 8.62 |
| 3708223761901 | 370822 | 3761901 | 4.87 | 3.69 | 9.61 |
| 3708273761901 | 370827 | 3761901 | 5.31 | 3.64 | 10.76 |
| 3708323761901 | 370832 | 3761901 | 5.80 | 3.60 | 12.12 |
| 3708373761901 | 370837 | 3761901 | 6.36 | 3.57 | 13.72 |
| 3708423761901 | 370842 | 3761901 | 7.00 | 3.55 | 15.65 |
| 3708473761901 | 370847 | 3761901 | 7.73 | 3.54 | 17.98 |
| 3708673761901 | 370867 | 3761901 | 12.05 | 3.55 | 34.62 |
| 3708723761901 | 370872 | 3761901 | 13.70 | 3.57 | 42.16 |
| 3708773761901 | 370877 | 3761901 | 15.64 | 3.59 | 51.88 |
| 3708823761901 | 370882 | 3761901 | 17.99 | 3.62 | 64.25 |
| 3708873761901 | 370887 | 3761901 | 20.81 | 3.67 | 80.01 |
| 3708923761901 | 370892 | 3761901 | 24.19 | 3.71 | 99.85 |
| 3708973761901 | 370897 | 3761901 | 28.17 | 3.77 | 123.25 |
| 3707723761906 | 370772 | 3761906 | 2.25 | 4.56 | 3.60 |
| 3707773761906 | 370777 | 3761906 | 2.39 | 4.41 | 3.88 |
| 3707823761906 | 370782 | 3761906 | 2.54 | 4.27 | 4.20 |
| 3707873761906 | 370787 | 3761906 | 2.72 | 4.15 | 4.55 |
| 3707923761906 | 370792 | 3761906 | 2.90 | 4.04 | 4.95 |
| 3707973761906 | 370797 | 3761906 | 3.11 | 3.94 | 5.39 |
| 3708023761906 | 370802 | 3761906 | 3.34 | 3.84 | 5.90 |
| 3708073761906 | 370807 | 3761906 | 3.59 | 3.76 | 6.47 |
| 3708123761906 | 370812 | 3761906 | 3.86 | 3.69 | 7.11 |
| 3708173761906 | 370817 | 3761906 | 4.17 | 3.62 | 7.85 |
| 3708223761906 | 370822 | 3761906 | 4.52 | 3.56 | 8.70 |
| 3708273761906 | 370827 | 3761906 | 4.90 | 3.51 | 9.68 |
| 3708323761906 | 370832 | 3761906 | 5.34 | 3.47 | 10.83 |
| 3708373761906 | 370837 | 3761906 | 5.82 | 3.43 | 12.17 |
| 3708423761906 | 370842 | 3761906 | 6.38 | 3.41 | 13.76 |
| 3708473761906 | 370847 | 3761906 | 7.01 | 3.39 | 15.66 |
| 3708523761906 | 370852 | 3761906 | 7.73 | 3.37 | 17.97 |
| 3708723761906 | 370872 | 3761906 | 12.00 | 3.38 | 34.37 |
| 3708773761906 | 370877 | 3761906 | 13.61 | 3.40 | 41.53 |
| 3708823761906 | 370882 | 3761906 | 15.51 | 3.42 | 50.54 |
| 3708873761906 | 370887 | 3761906 | 17.79 | 3.45 | 61.83 |
| 3708923761906 | 370892 | 3761906 | 20.52 | 3.49 | 75.71 |
| 3708973761906 | 370897 | 3761906 | 23.76 | 3.52 | 91.55 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3709023761906 | 370902 | 3761906 | 27.63 | 3.56 | 105.46 |
| 3707773761911 | 370777 | 3761911 | 2.27 | 4.27 | 3.65 |
| 3707823761911 | 370782 | 3761911 | 2.41 | 4.14 | 3.93 |
| 3707873761911 | 370787 | 3761911 | 2.57 | 4.02 | 4.25 |
| 3707923761911 | 370792 | 3761911 | 2.74 | 3.91 | 4.61 |
| 3707973761911 | 370797 | 3761911 | 2.93 | 3.81 | 5.00 |
| 3708023761911 | 370802 | 3761911 | 3.13 | 3.72 | 5.44 |
| 3708073761911 | 370807 | 3761911 | 3.36 | 3.64 | 5.94 |
| 3708123761911 | 370812 | 3761911 | 3.61 | 3.57 | 6.51 |
| 3708173761911 | 370817 | 3761911 | 3.88 | 3.50 | 7.15 |
| 3708223761911 | 370822 | 3761911 | 4.19 | 3.44 | 7.88 |
| 3708273761911 | 370827 | 3761911 | 4.53 | 3.39 | 8.71 |
| 3708323761911 | 370832 | 3761911 | 4.91 | 3.34 | 9.68 |
| 3708373761911 | 370837 | 3761911 | 5.33 | 3.31 | 10.80 |
| 3708423761911 | 370842 | 3761911 | 5.81 | 3.28 | 12.12 |
| 3708473761911 | 370847 | 3761911 | 6.35 | 3.25 | 13.68 |
| 3708523761911 | 370852 | 3761911 | 6.97 | 3.23 | 15.55 |
| 3708573761911 | 370857 | 3761911 | 7.67 | 3.22 | 17.82 |
| 3708723761911 | 370872 | 3761911 | 10.54 | 3.22 | 28.33 |
| 3708773761911 | 370877 | 3761911 | 11.86 | 3.23 | 33.70 |
| 3708823761911 | 370882 | 3761911 | 13.44 | 3.25 | 40.42 |
| 3708873761911 | 370887 | 3761911 | 15.29 | 3.26 | 48.68 |
| 3708923761911 | 370892 | 3761911 | 17.50 | 3.29 | 58.59 |
| 3708973761911 | 370897 | 3761911 | 20.13 | 3.31 | 69.46 |
| 3709023761911 | 370902 | 3761911 | 23.27 | 3.34 | 79.20 |
| 3709073761911 | 370907 | 3761911 | 27.03 | 3.38 | 84.95 |
| 3707773761916 | 370777 | 3761916 | 2.15 | 4.13 | 3.42 |
| 3707823761916 | 370782 | 3761916 | 2.29 | 4.00 | 3.68 |
| 3707873761916 | 370787 | 3761916 | 2.43 | 3.89 | 3.97 |
| 3707923761916 | 370792 | 3761916 | 2.58 | 3.79 | 4.28 |
| 3707973761916 | 370797 | 3761916 | 2.75 | 3.69 | 4.63 |
| 3708023761916 | 370802 | 3761916 | 2.94 | 3.60 | 5.02 |
| 3708073761916 | 370807 | 3761916 | 3.14 | 3.52 | 5.46 |
| 3708123761916 | 370812 | 3761916 | 3.37 | 3.45 | 5.95 |
| 3708173761916 | 370817 | 3761916 | 3.61 | 3.38 | 6.50 |
| 3708223761916 | 370822 | 3761916 | 3.88 | 3.33 | 7.13 |
| 3708273761916 | 370827 | 3761916 | 4.18 | 3.28 | 7.84 |
| 3708323761916 | 370832 | 3761916 | 4.52 | 3.23 | 8.66 |
| 3708373761916 | 370837 | 3761916 | 4.89 | 3.19 | 9.60 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708423761916 | 370842 | 3761916 | 5.30 | 3.15 | 10.70 |
| 3708473761916 | 370847 | 3761916 | 5.77 | 3.12 | 11.98 |
| 3708523761916 | 370852 | 3761916 | 6.30 | 3.10 | 13.51 |
| 3708573761916 | 370857 | 3761916 | 6.90 | 3.09 | 15.35 |
| 3708773761916 | 370877 | 3761916 | 10.39 | 3.07 | 27.77 |
| 3708823761916 | 370882 | 3761916 | 11.69 | 3.08 | 32.85 |
| 3708873761916 | 370887 | 3761916 | 13.22 | 3.10 | 39.02 |
| 3708923761916 | 370892 | 3761916 | 15.02 | 3.11 | 46.26 |
| 3708973761916 | 370897 | 3761916 | 17.17 | 3.13 | 54.01 |
| 3709023761916 | 370902 | 3761916 | 19.71 | 3.15 | 61.08 |
| 3709073761916 | 370907 | 3761916 | 22.73 | 3.18 | 65.97 |
| 3709123761916 | 370912 | 3761916 | 26.20 | 3.21 | 67.81 |
| 3707823761921 | 370782 | 3761921 | 2.16 | 3.88 | 3.44 |
| 3707873761921 | 370787 | 3761921 | 2.29 | 3.77 | 3.69 |
| 3707923761921 | 370792 | 3761921 | 2.44 | 3.67 | 3.98 |
| 3707973761921 | 370797 | 3761921 | 2.59 | 3.58 | 4.29 |
| 3708023761921 | 370802 | 3761921 | 2.76 | 3.49 | 4.63 |
| 3708073761921 | 370807 | 3761921 | 2.94 | 3.42 | 5.01 |
| 3708123761921 | 370812 | 3761921 | 3.14 | 3.34 | 5.44 |
| 3708173761921 | 370817 | 3761921 | 3.36 | 3.28 | 5.92 |
| 3708223761921 | 370822 | 3761921 | 3.60 | 3.22 | 6.46 |
| 3708273761921 | 370827 | 3761921 | 3.86 | 3.17 | 7.07 |
| 3708323761921 | 370832 | 3761921 | 4.16 | 3.12 | 7.76 |
| 3708373761921 | 370837 | 3761921 | 4.48 | 3.08 | 8.56 |
| 3708423761921 | 370842 | 3761921 | 4.84 | 3.04 | 9.47 |
| 3708473761921 | 370847 | 3761921 | 5.24 | 3.01 | 10.54 |
| 3708523761921 | 370852 | 3761921 | 5.70 | 2.99 | 11.80 |
| 3708573761921 | 370857 | 3761921 | 6.21 | 2.97 | 13.30 |
| 3708623761921 | 370862 | 3761921 | 6.80 | 2.95 | 15.11 |
| 3708823761921 | 370882 | 3761921 | 10.23 | 2.94 | 27.10 |
| 3708873761921 | 370887 | 3761921 | 11.49 | 2.95 | 31.76 |
| 3708923761921 | 370892 | 3761921 | 12.99 | 2.96 | 37.14 |
| 3708973761921 | 370897 | 3761921 | 14.75 | 2.97 | 42.86 |
| 3709023761921 | 370902 | 3761921 | 16.82 | 2.98 | 48.19 |
| 3709073761921 | 370907 | 3761921 | 19.23 | 3.00 | 52.26 |
| 3709123761921 | 370912 | 3761921 | 21.98 | 3.03 | 54.50 |
| 3707873761926 | 370787 | 3761926 | 2.17 | 3.66 | 3.44 |
| 3707923761926 | 370792 | 3761926 | 2.29 | 3.56 | 3.69 |
| 3707973761926 | 370797 | 3761926 | 2.43 | 3.47 | 3.97 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708023761926 | 370802 | 3761926 | 2.58 | 3.39 | 4.27 |
| 3708073761926 | 370807 | 3761926 | 2.75 | 3.31 | 4.61 |
| 3708123761926 | 370812 | 3761926 | 2.93 | 3.24 | 4.98 |
| 3708173761926 | 370817 | 3761926 | 3.12 | 3.18 | 5.39 |
| 3708223761926 | 370822 | 3761926 | 3.34 | 3.12 | 5.86 |
| 3708273761926 | 370827 | 3761926 | 3.57 | 3.07 | 6.38 |
| 3708323761926 | 370832 | 3761926 | 3.83 | 3.02 | 6.97 |
| 3708373761926 | 370837 | 3761926 | 4.11 | 2.98 | 7.65 |
| 3708423761926 | 370842 | 3761926 | 4.43 | 2.94 | 8.42 |
| 3708473761926 | 370847 | 3761926 | 4.78 | 2.90 | 9.32 |
| 3708523761926 | 370852 | 3761926 | 5.17 | 2.88 | 10.36 |
| 3708573761926 | 370857 | 3761926 | 5.61 | 2.85 | 11.60 |
| 3708623761926 | 370862 | 3761926 | 6.11 | 2.84 | 13.08 |
| 3708673761926 | 370867 | 3761926 | 6.68 | 2.82 | 14.85 |
| 3708823761926 | 370882 | 3761926 | 9.01 | 2.81 | 22.63 |
| 3708873761926 | 370887 | 3761926 | 10.06 | 2.81 | 26.24 |
| 3708923761926 | 370892 | 3761926 | 11.31 | 2.82 | 30.33 |
| 3708973761926 | 370897 | 3761926 | 12.76 | 2.83 | 34.66 |
| 3709023761926 | 370902 | 3761926 | 14.45 | 2.84 | 38.77 |
| 3709073761926 | 370907 | 3761926 | 16.40 | 2.85 | 42.15 |
| 3709123761926 | 370912 | 3761926 | 18.59 | 2.87 | 44.39 |
| 3709173761926 | 370917 | 3761926 | 20.91 | 2.88 | 45.33 |
| 3707923761931 | 370792 | 3761931 | 2.16 | 3.46 | 3.43 |
| 3707973761931 | 370797 | 3761931 | 2.29 | 3.37 | 3.67 |
| 3708023761931 | 370802 | 3761931 | 2.42 | 3.29 | 3.94 |
| 3708073761931 | 370807 | 3761931 | 2.57 | 3.21 | 4.23 |
| 3708123761931 | 370812 | 3761931 | 2.73 | 3.15 | 4.56 |
| 3708173761931 | 370817 | 3761931 | 2.91 | 3.08 | 4.92 |
| 3708223761931 | 370822 | 3761931 | 3.10 | 3.02 | 5.32 |
| 3708273761931 | 370827 | 3761931 | 3.30 | 2.97 | 5.77 |
| 3708323761931 | 370832 | 3761931 | 3.53 | 2.92 | 6.28 |
| 3708373761931 | 370837 | 3761931 | 3.78 | 2.88 | 6.86 |
| 3708423761931 | 370842 | 3761931 | 4.06 | 2.84 | 7.51 |
| 3708473761931 | 370847 | 3761931 | 4.36 | 2.81 | 8.27 |
| 3708523761931 | 370852 | 3761931 | 4.70 | 2.78 | 9.15 |
| 3708573761931 | 370857 | 3761931 | 5.08 | 2.75 | 10.18 |
| 3708623761931 | 370862 | 3761931 | 5.51 | 2.73 | 11.40 |
| 3708673761931 | 370867 | 3761931 | 6.00 | 2.72 | 12.86 |
| 3708873761931 | 370887 | 3761931 | 8.86 | 2.69 | 21.95 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708923761931 | 370892 | 3761931 | 9.90 | 2.69 | 25.12 |
| 3708973761931 | 370897 | 3761931 | 11.11 | 2.70 | 28.47 |
| 3709023761931 | 370902 | 3761931 | 12.50 | 2.70 | 31.71 |
| 3709073761931 | 370907 | 3761931 | 14.10 | 2.71 | 34.51 |
| 3709123761931 | 370912 | 3761931 | 15.86 | 2.72 | 36.60 |
| 3709173761931 | 370917 | 3761931 | 17.73 | 2.74 | 37.80 |
| 3709223761931 | 370922 | 3761931 | 19.60 | 2.75 | 38.12 |
| 3707923761936 | 370792 | 3761936 | 2.04 | 3.35 | 3.18 |
| 3707973761936 | 370797 | 3761936 | 2.15 | 3.27 | 3.40 |
| 3708023761936 | 370802 | 3761936 | 2.27 | 3.19 | 3.64 |
| 3708073761936 | 370807 | 3761936 | 2.41 | 3.12 | 3.90 |
| 3708123761936 | 370812 | 3761936 | 2.55 | 3.05 | 4.18 |
| 3708173761936 | 370817 | 3761936 | 2.71 | 2.99 | 4.50 |
| 3708223761936 | 370822 | 3761936 | 2.88 | 2.94 | 4.85 |
| 3708273761936 | 370827 | 3761936 | 3.06 | 2.88 | 5.24 |
| 3708323761936 | 370832 | 3761936 | 3.26 | 2.83 | 5.67 |
| 3708373761936 | 370837 | 3761936 | 3.48 | 2.79 | 6.17 |
| 3708423761936 | 370842 | 3761936 | 3.72 | 2.75 | 6.73 |
| 3708473761936 | 370847 | 3761936 | 3.99 | 2.71 | 7.37 |
| 3708523761936 | 370852 | 3761936 | 4.29 | 2.68 | 8.12 |
| 3708573761936 | 370857 | 3761936 | 4.62 | 2.66 | 8.99 |
| 3708623761936 | 370862 | 3761936 | 4.99 | 2.64 | 10.01 |
| 3708673761936 | 370867 | 3761936 | 5.42 | 2.62 | 11.22 |
| 3708723761936 | 370872 | 3761936 | 5.90 | 2.60 | 12.65 |
| 3708923761936 | 370892 | 3761936 | 8.72 | 2.58 | 21.08 |
| 3708973761936 | 370897 | 3761936 | 9.74 | 2.58 | 23.72 |
| 3709023761936 | 370902 | 3761936 | 10.90 | 2.58 | 26.32 |
| 3709073761936 | 370907 | 3761936 | 12.21 | 2.59 | 28.65 |
| 3709123761936 | 370912 | 3761936 | 13.65 | 2.59 | 30.52 |
| 3709173761936 | 370917 | 3761936 | 15.17 | 2.60 | 31.79 |
| 3709223761936 | 370922 | 3761936 | 16.71 | 2.61 | 32.42 |
| 3709273761936 | 370927 | 3761936 | 18.17 | 2.62 | 32.43 |
| 3707973761941 | 370797 | 3761941 | 2.02 | 3.18 | 3.15 |
| 3708023761941 | 370802 | 3761941 | 2.13 | 3.10 | 3.36 |
| 3708073761941 | 370807 | 3761941 | 2.25 | 3.03 | 3.59 |
| 3708123761941 | 370812 | 3761941 | 2.38 | 2.97 | 3.84 |
| 3708173761941 | 370817 | 3761941 | 2.52 | 2.91 | 4.12 |
| 3708223761941 | 370822 | 3761941 | 2.67 | 2.85 | 4.42 |
| 3708273761941 | 370827 | 3761941 | 2.84 | 2.80 | 4.76 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708323761941 | 370832 | 3761941 | 3.02 | 2.75 | 5.14 |
| 3708373761941 | 370837 | 3761941 | 3.21 | 2.71 | 5.57 |
| 3708423761941 | 370842 | 3761941 | 3.42 | 2.67 | 6.05 |
| 3708473761941 | 370847 | 3761941 | 3.66 | 2.63 | 6.60 |
| 3708523761941 | 370852 | 3761941 | 3.92 | 2.60 | 7.24 |
| 3708573761941 | 370857 | 3761941 | 4.21 | 2.57 | 7.97 |
| 3708623761941 | 370862 | 3761941 | 4.53 | 2.55 | 8.84 |
| 3708673761941 | 370867 | 3761941 | 4.90 | 2.52 | 9.85 |
| 3708723761941 | 370872 | 3761941 | 5.32 | 2.51 | 11.04 |
| 3708773761941 | 370877 | 3761941 | 5.80 | 2.49 | 12.44 |
| 3708973761941 | 370897 | 3761941 | 8.59 | 2.48 | 20.00 |
| 3709023761941 | 370902 | 3761941 | 9.56 | 2.48 | 22.11 |
| 3709073761941 | 370907 | 3761941 | 10.65 | 2.48 | 24.06 |
| 3709123761941 | 370912 | 3761941 | 11.84 | 2.48 | 25.71 |
| 3709173761941 | 370917 | 3761941 | 13.10 | 2.48 | 26.95 |
| 3709223761941 | 370922 | 3761941 | 14.38 | 2.49 | 27.72 |
| 3709273761941 | 370927 | 3761941 | 15.62 | 2.50 | 28.03 |
| 3709323761941 | 370932 | 3761941 | 16.74 | 2.51 | 27.89 |
| 3708023761946 | 370802 | 3761946 | 2.00 | 3.02 | 3.11 |
| 3708073761946 | 370807 | 3761946 | 2.11 | 2.95 | 3.31 |
| 3708123761946 | 370812 | 3761946 | 2.23 | 2.88 | 3.53 |
| 3708173761946 | 370817 | 3761946 | 2.35 | 2.83 | 3.78 |
| 3708223761946 | 370822 | 3761946 | 2.49 | 2.77 | 4.04 |
| 3708273761946 | 370827 | 3761946 | 2.64 | 2.72 | 4.34 |
| 3708323761946 | 370832 | 3761946 | 2.79 | 2.67 | 4.67 |
| 3708373761946 | 370837 | 3761946 | 2.97 | 2.63 | 5.04 |
| 3708423761946 | 370842 | 3761946 | 3.16 | 2.59 | 5.46 |
| 3708473761946 | 370847 | 3761946 | 3.36 | 2.55 | 5.93 |
| 3708523761946 | 370852 | 3761946 | 3.59 | 2.52 | 6.48 |
| 3708573761946 | 370857 | 3761946 | 3.85 | 2.49 | 7.11 |
| 3708623761946 | 370862 | 3761946 | 4.13 | 2.46 | 7.85 |
| 3708673761946 | 370867 | 3761946 | 4.46 | 2.44 | 8.71 |
| 3708723761946 | 370872 | 3761946 | 4.82 | 2.42 | 9.71 |
| 3708773761946 | 370877 | 3761946 | 5.24 | 2.41 | 10.86 |
| 3708823761946 | 370882 | 3761946 | 5.71 | 2.40 | 12.19 |
| 3708973761946 | 370897 | 3761946 | 7.62 | 2.38 | 17.05 |
| 3709023761946 | 370902 | 3761946 | 8.44 | 2.38 | 18.78 |
| 3709073761946 | 370907 | 3761946 | 9.35 | 2.38 | 20.42 |
| 3709123761946 | 370912 | 3761946 | 10.34 | 2.37 | 21.86 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3709173761946 | 370917 | 3761946 | 11.39 | 2.38 | 23.02 |
| 3709223761946 | 370922 | 3761946 | 12.47 | 2.38 | 23.84 |
| 3709273761946 | 370927 | 3761946 | 13.53 | 2.39 | 24.31 |
| 3709323761946 | 370932 | 3761946 | 14.52 | 2.39 | 24.43 |
| 3709373761946 | 370937 | 3761946 | 15.39 | 2.40 | 24.23 |
| 3708073761951 | 370807 | 3761951 | 1.98 | 2.87 | 3.06 |
| 3708123761951 | 370812 | 3761951 | 2.09 | 2.81 | 3.26 |
| 3708173761951 | 370817 | 3761951 | 2.20 | 2.75 | 3.47 |
| 3708223761951 | 370822 | 3761951 | 2.32 | 2.69 | 3.71 |
| 3708273761951 | 370827 | 3761951 | 2.45 | 2.64 | 3.97 |
| 3708323761951 | 370832 | 3761951 | 2.59 | 2.60 | 4.26 |
| 3708373761951 | 370837 | 3761951 | 2.75 | 2.55 | 4.58 |
| 3708423761951 | 370842 | 3761951 | 2.91 | 2.51 | 4.94 |
| 3708473761951 | 370847 | 3761951 | 3.10 | 2.48 | 5.36 |
| 3708523761951 | 370852 | 3761951 | 3.30 | 2.44 | 5.83 |
| 3708573761951 | 370857 | 3761951 | 3.53 | 2.41 | 6.38 |
| 3708623761951 | 370862 | 3761951 | 3.78 | 2.39 | 7.01 |
| 3708673761951 | 370867 | 3761951 | 4.06 | 2.36 | 7.74 |
| 3708723761951 | 370872 | 3761951 | 4.38 | 2.34 | 8.58 |
| 3708773761951 | 370877 | 3761951 | 4.75 | 2.33 | 9.55 |
| 3708823761951 | 370882 | 3761951 | 5.16 | 2.31 | 10.66 |
| 3709023761951 | 370902 | 3761951 | 7.49 | 2.29 | 16.11 |
| 3709073761951 | 370907 | 3761951 | 8.26 | 2.28 | 17.49 |
| 3709123761951 | 370912 | 3761951 | 9.10 | 2.28 | 18.75 |
| 3709173761951 | 370917 | 3761951 | 9.99 | 2.28 | 19.81 |
| 3709223761951 | 370922 | 3761951 | 10.90 | 2.28 | 20.62 |
| 3709273761951 | 370927 | 3761951 | 11.81 | 2.28 | 21.17 |
| 3709323761951 | 370932 | 3761951 | 12.67 | 2.29 | 21.44 |
| 3709373761951 | 370937 | 3761951 | 13.46 | 2.29 | 21.45 |
| 3709423761951 | 370942 | 3761951 | 14.14 | 2.29 | 21.23 |
| 3708073761956 | 370807 | 3761956 | 1.86 | 2.79 | 2.83 |
| 3708123761956 | 370812 | 3761956 | 1.95 | 2.73 | 3.01 |
| 3708173761956 | 370817 | 3761956 | 2.06 | 2.67 | 3.20 |
| 3708223761956 | 370822 | 3761956 | 2.17 | 2.62 | 3.41 |
| 3708273761956 | 370827 | 3761956 | 2.28 | 2.57 | 3.63 |
| 3708323761956 | 370832 | 3761956 | 2.41 | 2.53 | 3.89 |
| 3708373761956 | 370837 | 3761956 | 2.55 | 2.48 | 4.17 |
| 3708423761956 | 370842 | 3761956 | 2.70 | 2.44 | 4.49 |
| 3708473761956 | 370847 | 3761956 | 2.86 | 2.41 | 4.86 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708523761956 | 370852 | 3761956 | 3.04 | 2.37 | 5.27 |
| 3708573761956 | 370857 | 3761956 | 3.24 | 2.34 | 5.74 |
| 3708623761956 | 370862 | 3761956 | 3.47 | 2.32 | 6.29 |
| 3708673761956 | 370867 | 3761956 | 3.72 | 2.29 | 6.91 |
| 3708723761956 | 370872 | 3761956 | 4.00 | 2.27 | 7.63 |
| 3708773761956 | 370877 | 3761956 | 4.32 | 2.25 | 8.45 |
| 3708823761956 | 370882 | 3761956 | 4.68 | 2.24 | 9.38 |
| 3708873761956 | 370887 | 3761956 | 5.09 | 2.23 | 10.41 |
| 3709073761956 | 370907 | 3761956 | 7.34 | 2.20 | 15.11 |
| 3709123761956 | 370912 | 3761956 | 8.06 | 2.20 | 16.20 |
| 3709173761956 | 370917 | 3761956 | 8.81 | 2.19 | 17.16 |
| 3709223761956 | 370922 | 3761956 | 9.59 | 2.19 | 17.94 |
| 3709273761956 | 370927 | 3761956 | 10.37 | 2.19 | 18.51 |
| 3709323761956 | 370932 | 3761956 | 11.13 | 2.19 | 18.87 |
| 3709373761956 | 370937 | 3761956 | 11.83 | 2.19 | 19.02 |
| 3709423761956 | 370942 | 3761956 | 12.46 | 2.20 | 18.97 |
| 3708123761961 | 370812 | 3761961 | 1.83 | 2.66 | 2.78 |
| 3708173761961 | 370817 | 3761961 | 1.93 | 2.60 | 2.95 |
| 3708223761961 | 370822 | 3761961 | 2.02 | 2.55 | 3.14 |
| 3708273761961 | 370827 | 3761961 | 2.13 | 2.51 | 3.34 |
| 3708323761961 | 370832 | 3761961 | 2.24 | 2.46 | 3.57 |
| 3708373761961 | 370837 | 3761961 | 2.37 | 2.42 | 3.82 |
| 3708423761961 | 370842 | 3761961 | 2.50 | 2.38 | 4.10 |
| 3708473761961 | 370847 | 3761961 | 2.65 | 2.34 | 4.42 |
| 3708523761961 | 370852 | 3761961 | 2.81 | 2.31 | 4.78 |
| 3708573761961 | 370857 | 3761961 | 2.99 | 2.28 | 5.19 |
| 3708623761961 | 370862 | 3761961 | 3.19 | 2.25 | 5.66 |
| 3708673761961 | 370867 | 3761961 | 3.41 | 2.23 | 6.20 |
| 3708723761961 | 370872 | 3761961 | 3.66 | 2.20 | 6.82 |
| 3708773761961 | 370877 | 3761961 | 3.94 | 2.18 | 7.52 |
| 3708823761961 | 370882 | 3761961 | 4.26 | 2.17 | 8.31 |
| 3708873761961 | 370887 | 3761961 | 4.62 | 2.15 | 9.18 |
| 3708923761961 | 370892 | 3761961 | 5.03 | 2.14 | 10.12 |
| 3709123761961 | 370912 | 3761961 | 7.17 | 2.12 | 14.10 |
| 3709173761961 | 370917 | 3761961 | 7.82 | 2.11 | 14.95 |
| 3709223761961 | 370922 | 3761961 | 8.49 | 2.11 | 15.68 |
| 3709273761961 | 370927 | 3761961 | 9.17 | 2.11 | 16.26 |
| 3709323761961 | 370932 | 3761961 | 9.83 | 2.11 | 16.67 |
| 3709373761961 | 370937 | 3761961 | 10.45 | 2.11 | 16.90 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3709423761961 | 370942 | 3761961 | 11.03 | 2.11 | 16.97 |
| 3708173761966 | 370817 | 3761966 | 1.81 | 2.54 | 2.73 |
| 3708223761966 | 370822 | 3761966 | 1.89 | 2.49 | 2.89 |
| 3708273761966 | 370827 | 3761966 | 1.99 | 2.44 | 3.08 |
| 3708323761966 | 370832 | 3761966 | 2.09 | 2.40 | 3.28 |
| 3708373761966 | 370837 | 3761966 | 2.21 | 2.36 | 3.50 |
| 3708423761966 | 370842 | 3761966 | 2.33 | 2.32 | 3.75 |
| 3708473761966 | 370847 | 3761966 | 2.46 | 2.28 | 4.03 |
| 3708523761966 | 370852 | 3761966 | 2.60 | 2.25 | 4.35 |
| 3708573761966 | 370857 | 3761966 | 2.76 | 2.22 | 4.71 |
| 3708623761966 | 370862 | 3761966 | 2.94 | 2.19 | 5.12 |
| 3708673761966 | 370867 | 3761966 | 3.14 | 2.16 | 5.59 |
| 3708723761966 | 370872 | 3761966 | 3.36 | 2.14 | 6.13 |
| 3708773761966 | 370877 | 3761966 | 3.61 | 2.12 | 6.73 |
| 3708823761966 | 370882 | 3761966 | 3.90 | 2.10 | 7.40 |
| 3708873761966 | 370887 | 3761966 | 4.21 | 2.09 | 8.14 |
| 3708923761966 | 370892 | 3761966 | 4.57 | 2.07 | 8.93 |
| 3708973761966 | 370897 | 3761966 | 4.97 | 2.06 | 9.78 |
| 3709123761966 | 370912 | 3761966 | 6.42 | 2.04 | 12.35 |
| 3709173761966 | 370917 | 3761966 | 6.98 | 2.04 | 13.11 |
| 3709223761966 | 370922 | 3761966 | 7.56 | 2.03 | 13.78 |
| 3709273761966 | 370927 | 3761966 | 8.15 | 2.03 | 14.34 |
| 3709323761966 | 370932 | 3761966 | 8.73 | 2.03 | 14.76 |
| 3709373761966 | 370937 | 3761966 | 9.29 | 2.03 | 15.05 |
| 3709423761966 | 370942 | 3761966 | 9.81 | 2.02 | 15.20 |
| 3709473761966 | 370947 | 3761966 | 10.27 | 2.02 | 15.22 |
| 3708223761971 | 370822 | 3761971 | 1.78 | 2.43 | 2.68 |
| 3708273761971 | 370827 | 3761971 | 1.86 | 2.38 | 2.84 |
| 3708323761971 | 370832 | 3761971 | 1.96 | 2.34 | 3.02 |
| 3708373761971 | 370837 | 3761971 | 2.06 | 2.30 | 3.22 |
| 3708423761971 | 370842 | 3761971 | 2.17 | 2.26 | 3.44 |
| 3708473761971 | 370847 | 3761971 | 2.29 | 2.22 | 3.69 |
| 3708523761971 | 370852 | 3761971 | 2.42 | 2.19 | 3.97 |
| 3708573761971 | 370857 | 3761971 | 2.56 | 2.16 | 4.29 |
| 3708623761971 | 370862 | 3761971 | 2.72 | 2.13 | 4.65 |
| 3708673761971 | 370867 | 3761971 | 2.90 | 2.10 | 5.06 |
| 3708723761971 | 370872 | 3761971 | 3.10 | 2.08 | 5.52 |
| 3708773761971 | 370877 | 3761971 | 3.32 | 2.06 | 6.04 |
| 3708823761971 | 370882 | 3761971 | 3.57 | 2.04 | 6.62 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708873761971 | 370887 | 3761971 | 3.85 | 2.03 | 7.25 |
| 3708923761971 | 370892 | 3761971 | 4.17 | 2.01 | 7.93 |
| 3708973761971 | 370897 | 3761971 | 4.51 | 2.00 | 8.65 |
| 3709173761971 | 370917 | 3761971 | 6.26 | 1.97 | 11.56 |
| 3709223761971 | 370922 | 3761971 | 6.76 | 1.96 | 12.17 |
| 3709273761971 | 370927 | 3761971 | 7.28 | 1.96 | 12.70 |
| 3709323761971 | 370932 | 3761971 | 7.79 | 1.95 | 13.12 |
| 3709373761971 | 370937 | 3761971 | 8.29 | 1.95 | 13.44 |
| 3709423761971 | 370942 | 3761971 | 8.76 | 1.95 | 13.64 |
| 3709473761971 | 370947 | 3761971 | 9.19 | 1.95 | 13.73 |
| 3709523761971 | 370952 | 3761971 | 9.57 | 1.94 | 13.72 |
| 3708223761976 | 370822 | 3761976 | 1.67 | 2.37 | 2.48 |
| 3708273761976 | 370827 | 3761976 | 1.75 | 2.32 | 2.63 |
| 3708323761976 | 370832 | 3761976 | 1.83 | 2.28 | 2.79 |
| 3708373761976 | 370837 | 3761976 | 1.92 | 2.24 | 2.97 |
| 3708423761976 | 370842 | 3761976 | 2.02 | 2.20 | 3.17 |
| 3708473761976 | 370847 | 3761976 | 2.13 | 2.17 | 3.39 |
| 3708523761976 | 370852 | 3761976 | 2.25 | 2.13 | 3.64 |
| 3708573761976 | 370857 | 3761976 | 2.38 | 2.10 | 3.92 |
| 3708623761976 | 370862 | 3761976 | 2.52 | 2.07 | 4.24 |
| 3708673761976 | 370867 | 3761976 | 2.68 | 2.05 | 4.60 |
| 3708723761976 | 370872 | 3761976 | 2.86 | 2.03 | 5.00 |
| 3708773761976 | 370877 | 3761976 | 3.06 | 2.00 | 5.45 |
| 3708823761976 | 370882 | 3761976 | 3.28 | 1.98 | 5.95 |
| 3708873761976 | 370887 | 3761976 | 3.53 | 1.97 | 6.49 |
| 3708923761976 | 370892 | 3761976 | 3.81 | 1.95 | 7.08 |
| 3708973761976 | 370897 | 3761976 | 4.12 | 1.94 | 7.70 |
| 3709023761976 | 370902 | 3761976 | 4.45 | 1.93 | 8.34 |
| 3709223761976 | 370922 | 3761976 | 6.08 | 1.90 | 10.80 |
| 3709273761976 | 370927 | 3761976 | 6.53 | 1.89 | 11.29 |
| 3709323761976 | 370932 | 3761976 | 6.98 | 1.89 | 11.70 |
| 3709373761976 | 370937 | 3761976 | 7.43 | 1.88 | 12.03 |
| 3709423761976 | 370942 | 3761976 | 7.85 | 1.88 | 12.26 |
| 3709473761976 | 370947 | 3761976 | 8.25 | 1.88 | 12.41 |
| 3709523761976 | 370952 | 3761976 | 8.61 | 1.87 | 12.46 |
| 3709573761976 | 370957 | 3761976 | 8.92 | 1.87 | 12.43 |
| 3708273761981 | 370827 | 3761981 | 1.64 | 2.26 | 2.44 |
| 3708323761981 | 370832 | 3761981 | 1.72 | 2.22 | 2.58 |
| 3708373761981 | 370837 | 3761981 | 1.80 | 2.18 | 2.74 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708423761981 | 370842 | 3761981 | 1.89 | 2.15 | 2.92 |
| 3708473761981 | 370847 | 3761981 | 1.99 | 2.11 | 3.12 |
| 3708523761981 | 370852 | 3761981 | 2.10 | 2.08 | 3.35 |
| 3708573761981 | 370857 | 3761981 | 2.21 | 2.05 | 3.60 |
| 3708623761981 | 370862 | 3761981 | 2.34 | 2.02 | 3.88 |
| 3708673761981 | 370867 | 3761981 | 2.49 | 2.00 | 4.19 |
| 3708723761981 | 370872 | 3761981 | 2.65 | 1.97 | 4.55 |
| 3708773761981 | 370877 | 3761981 | 2.83 | 1.95 | 4.94 |
| 3708823761981 | 370882 | 3761981 | 3.03 | 1.93 | 5.37 |
| 3708873761981 | 370887 | 3761981 | 3.25 | 1.91 | 5.84 |
| 3708923761981 | 370892 | 3761981 | 3.50 | 1.90 | 6.35 |
| 3708973761981 | 370897 | 3761981 | 3.77 | 1.88 | 6.89 |
| 3709023761981 | 370902 | 3761981 | 4.06 | 1.87 | 7.45 |
| 3709073761981 | 370907 | 3761981 | 4.39 | 1.86 | 8.01 |
| 3709223761981 | 370922 | 3761981 | 5.49 | 1.84 | 9.62 |
| 3709273761981 | 370927 | 3761981 | 5.89 | 1.83 | 10.08 |
| 3709323761981 | 370932 | 3761981 | 6.29 | 1.83 | 10.47 |
| 3709373761981 | 370937 | 3761981 | 6.68 | 1.82 | 10.80 |
| 3709423761981 | 370942 | 3761981 | 7.07 | 1.82 | 11.05 |
| 3709473761981 | 370947 | 3761981 | 7.43 | 1.81 | 11.22 |
| 3709523761981 | 370952 | 3761981 | 7.76 | 1.81 | 11.32 |
| 3709573761981 | 370957 | 3761981 | 8.06 | 1.80 | 11.34 |
| 3708323761986 | 370832 | 3761986 | 1.61 | 2.17 | 2.40 |
| 3708373761986 | 370837 | 3761986 | 1.69 | 2.13 | 2.54 |
| 3708423761986 | 370842 | 3761986 | 1.77 | 2.10 | 2.70 |
| 3708473761986 | 370847 | 3761986 | 1.86 | 2.06 | 2.88 |
| 3708523761986 | 370852 | 3761986 | 1.96 | 2.03 | 3.08 |
| 3708573761986 | 370857 | 3761986 | 2.07 | 2.00 | 3.31 |
| 3708623761986 | 370862 | 3761986 | 2.18 | 1.97 | 3.56 |
| 3708673761986 | 370867 | 3761986 | 2.31 | 1.95 | 3.84 |
| 3708723761986 | 370872 | 3761986 | 2.46 | 1.92 | 4.15 |
| 3708773761986 | 370877 | 3761986 | 2.62 | 1.90 | 4.49 |
| 3708823761986 | 370882 | 3761986 | 2.80 | 1.88 | 4.87 |
| 3708873761986 | 370887 | 3761986 | 3.00 | 1.86 | 5.28 |
| 3708923761986 | 370892 | 3761986 | 3.22 | 1.84 | 5.72 |
| 3708973761986 | 370897 | 3761986 | 3.46 | 1.83 | 6.19 |
| 3709023761986 | 370902 | 3761986 | 3.72 | 1.82 | 6.67 |
| 3709073761986 | 370907 | 3761986 | 4.01 | 1.81 | 7.17 |
| 3709273761986 | 370927 | 3761986 | 5.33 | 1.78 | 9.03 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3709323761986 | 370932 | 3761986 | 5.68 | 1.77 | 9.40 |
| 3709373761986 | 370937 | 3761986 | 6.04 | 1.76 | 9.71 |
| 3709423761986 | 370942 | 3761986 | 6.38 | 1.76 | 9.97 |
| 3709473761986 | 370947 | 3761986 | 6.71 | 1.75 | 10.17 |
| 3709523761986 | 370952 | 3761986 | 7.02 | 1.75 | 10.30 |
| 3709573761986 | 370957 | 3761986 | 7.30 | 1.74 | 10.36 |
| 3709623761986 | 370962 | 3761986 | 7.55 | 1.74 | 10.37 |
| 3708323761991 | 370832 | 3761991 | 1.51 | 2.12 | 2.23 |
| 3708373761991 | 370837 | 3761991 | 1.58 | 2.08 | 2.36 |
| 3708423761991 | 370842 | 3761991 | 1.66 | 2.05 | 2.51 |
| 3708473761991 | 370847 | 3761991 | 1.74 | 2.01 | 2.67 |
| 3708523761991 | 370852 | 3761991 | 1.83 | 1.98 | 2.85 |
| 3708573761991 | 370857 | 3761991 | 1.93 | 1.95 | 3.05 |
| 3708623761991 | 370862 | 3761991 | 2.04 | 1.92 | 3.27 |
| 3708673761991 | 370867 | 3761991 | 2.16 | 1.90 | 3.52 |
| 3708723761991 | 370872 | 3761991 | 2.29 | 1.87 | 3.79 |
| 3708773761991 | 370877 | 3761991 | 2.43 | 1.85 | 4.10 |
| 3708823761991 | 370882 | 3761991 | 2.59 | 1.83 | 4.43 |
| 3708873761991 | 370887 | 3761991 | 2.77 | 1.81 | 4.79 |
| 3708923761991 | 370892 | 3761991 | 2.97 | 1.80 | 5.18 |
| 3708973761991 | 370897 | 3761991 | 3.18 | 1.78 | 5.58 |
| 3709023761991 | 370902 | 3761991 | 3.42 | 1.77 | 6.01 |
| 3709073761991 | 370907 | 3761991 | 3.67 | 1.76 | 6.45 |
| 3709123761991 | 370912 | 3761991 | 3.94 | 1.75 | 6.88 |
| 3709323761991 | 370932 | 3761991 | 5.16 | 1.72 | 8.46 |
| 3709373761991 | 370937 | 3761991 | 5.48 | 1.71 | 8.76 |
| 3709423761991 | 370942 | 3761991 | 5.79 | 1.70 | 9.02 |
| 3709473761991 | 370947 | 3761991 | 6.09 | 1.70 | 9.23 |
| 3709523761991 | 370952 | 3761991 | 6.37 | 1.69 | 9.38 |
| 3709573761991 | 370957 | 3761991 | 6.64 | 1.68 | 9.47 |
| 3709623761991 | 370962 | 3761991 | 6.85 | 1.68 | 9.51 |
| 3709673761991 | 370967 | 3761991 | 7.05 | 1.67 | 9.50 |
| 3708373761996 | 370837 | 3761996 | 1.49 | 2.03 | 2.20 |
| 3708423761996 | 370842 | 3761996 | 1.56 | 2.00 | 2.33 |
| 3708473761996 | 370847 | 3761996 | 1.64 | 1.97 | 2.48 |
| 3708523761996 | 370852 | 3761996 | 1.72 | 1.94 | 2.64 |
| 3708573761996 | 370857 | 3761996 | 1.81 | 1.91 | 2.82 |
| 3708623761996 | 370862 | 3761996 | 1.91 | 1.88 | 3.02 |
| 3708673761996 | 370867 | 3761996 | 2.01 | 1.85 | 3.24 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708723761996 | 370872 | 3761996 | 2.13 | 1.83 | 3.48 |
| 3708773761996 | 370877 | 3761996 | 2.27 | 1.81 | 3.75 |
| 3708823761996 | 370882 | 3761996 | 2.41 | 1.79 | 4.04 |
| 3708873761996 | 370887 | 3761996 | 2.56 | 1.77 | 4.36 |
| 3708923761996 | 370892 | 3761996 | 2.74 | 1.75 | 4.70 |
| 3708973761996 | 370897 | 3761996 | 2.94 | 1.73 | 5.06 |
| 3709023761996 | 370902 | 3761996 | 3.15 | 1.72 | 5.43 |
| 3709073761996 | 370907 | 3761996 | 3.37 | 1.71 | 5.82 |
| 3709123761996 | 370912 | 3761996 | 3.61 | 1.70 | 6.21 |
| 3709173761996 | 370917 | 3761996 | 3.87 | 1.69 | 6.59 |
| 3709373761996 | 370937 | 3761996 | 4.98 | 1.66 | 7.93 |
| 3709423761996 | 370942 | 3761996 | 5.26 | 1.65 | 8.18 |
| 3709473761996 | 370947 | 3761996 | 5.54 | 1.64 | 8.39 |
| 3709523761996 | 370952 | 3761996 | 5.80 | 1.64 | 8.55 |
| 3709573761996 | 370957 | 3761996 | 6.04 | 1.63 | 8.67 |
| 3709623761996 | 370962 | 3761996 | 6.25 | 1.63 | 8.73 |
| 3709673761996 | 370967 | 3761996 | 6.44 | 1.62 | 8.76 |
| 3709723761996 | 370972 | 3761996 | 6.62 | 1.61 | 8.74 |
| 3708423762001 | 370842 | 3762001 | 1.47 | 1.96 | 2.17 |
| 3708473762001 | 370847 | 3762001 | 1.54 | 1.92 | 2.30 |
| 3708523762001 | 370852 | 3762001 | 1.61 | 1.89 | 2.45 |
| 3708573762001 | 370857 | 3762001 | 1.70 | 1.86 | 2.61 |
| 3708623762001 | 370862 | 3762001 | 1.79 | 1.84 | 2.79 |
| 3708673762001 | 370867 | 3762001 | 1.88 | 1.81 | 2.99 |
| 3708723762001 | 370872 | 3762001 | 1.99 | 1.79 | 3.20 |
| 3708773762001 | 370877 | 3762001 | 2.11 | 1.76 | 3.44 |
| 3708823762001 | 370882 | 3762001 | 2.24 | 1.74 | 3.70 |
| 3708873762001 | 370887 | 3762001 | 2.39 | 1.72 | 3.98 |
| 3708923762001 | 370892 | 3762001 | 2.55 | 1.71 | 4.28 |
| 3708973762001 | 370897 | 3762001 | 2.72 | 1.69 | 4.60 |
| 3709023762001 | 370902 | 3762001 | 2.90 | 1.68 | 4.93 |
| 3709073762001 | 370907 | 3762001 | 3.11 | 1.66 | 5.27 |
| 3709123762001 | 370912 | 3762001 | 3.32 | 1.65 | 5.62 |
| 3709173762001 | 370917 | 3762001 | 3.55 | 1.64 | 5.96 |
| 3709223762001 | 370922 | 3762001 | 3.79 | 1.63 | 6.30 |
| 3709373762001 | 370937 | 3762001 | 4.55 | 1.61 | 7.19 |
| 3709423762001 | 370942 | 3762001 | 4.80 | 1.60 | 7.43 |
| 3709473762001 | 370947 | 3762001 | 5.05 | 1.60 | 7.64 |
| 3709523762001 | 370952 | 3762001 | 5.29 | 1.59 | 7.81 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3709573762001 | 370957 | 3762001 | 5.52 | 1.58 | 7.94 |
| 3709623762001 | 370962 | 3762001 | 5.73 | 1.58 | 8.03 |
| 3709673762001 | 370967 | 3762001 | 5.92 | 1.57 | 8.08 |
| 3709723762001 | 370972 | 3762001 | 6.09 | 1.56 | 8.09 |
| 3708473762006 | 370847 | 3762006 | 1.45 | 1.88 | 2.15 |
| 3708523762006 | 370852 | 3762006 | 1.52 | 1.85 | 2.28 |
| 3708573762006 | 370857 | 3762006 | 1.59 | 1.82 | 2.42 |
| 3708623762006 | 370862 | 3762006 | 1.68 | 1.80 | 2.58 |
| 3708673762006 | 370867 | 3762006 | 1.77 | 1.77 | 2.76 |
| 3708723762006 | 370872 | 3762006 | 1.87 | 1.75 | 2.96 |
| 3708773762006 | 370877 | 3762006 | 1.97 | 1.72 | 3.17 |
| 3708823762006 | 370882 | 3762006 | 2.09 | 1.70 | 3.40 |
| 3708873762006 | 370887 | 3762006 | 2.22 | 1.68 | 3.65 |
| 3708923762006 | 370892 | 3762006 | 2.37 | 1.67 | 3.91 |
| 3708973762006 | 370897 | 3762006 | 2.52 | 1.65 | 4.20 |
| 3709023762006 | 370902 | 3762006 | 2.69 | 1.64 | 4.49 |
| 3709073762006 | 370907 | 3762006 | 2.87 | 1.62 | 4.79 |
| 3709123762006 | 370912 | 3762006 | 3.06 | 1.61 | 5.10 |
| 3709173762006 | 370917 | 3762006 | 3.27 | 1.60 | 5.41 |
| 3709223762006 | 370922 | 3762006 | 3.48 | 1.59 | 5.71 |
| 3709423762006 | 370942 | 3762006 | 4.39 | 1.56 | 6.77 |
| 3709473762006 | 370947 | 3762006 | 4.62 | 1.55 | 6.97 |
| 3709523762006 | 370952 | 3762006 | 4.84 | 1.54 | 7.14 |
| 3709573762006 | 370957 | 3762006 | 5.05 | 1.54 | 7.28 |
| 3709623762006 | 370962 | 3762006 | 5.25 | 1.53 | 7.38 |
| 3709673762006 | 370967 | 3762006 | 5.43 | 1.52 | 7.45 |
| 3709723762006 | 370972 | 3762006 | 5.60 | 1.52 | 7.49 |
| 3709773762006 | 370977 | 3762006 | 5.74 | 1.51 | 7.49 |
| 3708473762011 | 370847 | 3762011 | 1.37 | 1.84 | 2.00 |
| 3708523762011 | 370852 | 3762011 | 1.43 | 1.81 | 2.12 |
| 3708573762011 | 370857 | 3762011 | 1.50 | 1.78 | 2.26 |
| 3708623762011 | 370862 | 3762011 | 1.58 | 1.76 | 2.40 |
| 3708673762011 | 370867 | 3762011 | 1.66 | 1.73 | 2.56 |
| 3708723762011 | 370872 | 3762011 | 1.75 | 1.71 | 2.73 |
| 3708773762011 | 370877 | 3762011 | 1.85 | 1.69 | 2.92 |
| 3708823762011 | 370882 | 3762011 | 1.96 | 1.67 | 3.13 |
| 3708873762011 | 370887 | 3762011 | 2.08 | 1.65 | 3.35 |
| 3708923762011 | 370892 | 3762011 | 2.20 | 1.63 | 3.59 |
| 3708973762011 | 370897 | 3762011 | 2.34 | 1.61 | 3.84 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3709023762011 | 370902 | 3762011 | 2.50 | 1.60 | 4.10 |
| 3709073762011 | 370907 | 3762011 | 2.66 | 1.58 | 4.37 |
| 3709123762011 | 370912 | 3762011 | 2.83 | 1.57 | 4.65 |
| 3709173762011 | 370917 | 3762011 | 3.01 | 1.56 | 4.93 |
| 3709223762011 | 370922 | 3762011 | 3.21 | 1.55 | 5.20 |
| 3709273762011 | 370927 | 3762011 | 3.41 | 1.54 | 5.47 |
| 3709473762011 | 370947 | 3762011 | 4.24 | 1.51 | 6.37 |
| 3709523762011 | 370952 | 3762011 | 4.44 | 1.50 | 6.54 |
| 3709573762011 | 370957 | 3762011 | 4.64 | 1.49 | 6.68 |
| 3709623762011 | 370962 | 3762011 | 4.82 | 1.49 | 6.80 |
| 3709673762011 | 370967 | 3762011 | 4.99 | 1.48 | 6.88 |
| 3709723762011 | 370972 | 3762011 | 5.15 | 1.47 | 6.93 |
| 3709773762011 | 370977 | 3762011 | 5.29 | 1.47 | 6.96 |
| 3709823762011 | 370982 | 3762011 | 5.42 | 1.46 | 6.95 |
| 3708523762016 | 370852 | 3762016 | 1.35 | 1.77 | 1.98 |
| 3708573762016 | 370857 | 3762016 | 1.41 | 1.74 | 2.10 |
| 3708623762016 | 370862 | 3762016 | 1.48 | 1.72 | 2.23 |
| 3708673762016 | 370867 | 3762016 | 1.56 | 1.69 | 2.38 |
| 3708723762016 | 370872 | 3762016 | 1.64 | 1.67 | 2.54 |
| 3708773762016 | 370877 | 3762016 | 1.73 | 1.65 | 2.71 |
| 3708823762016 | 370882 | 3762016 | 1.83 | 1.63 | 2.89 |
| 3708873762016 | 370887 | 3762016 | 1.94 | 1.61 | 3.09 |
| 3708923762016 | 370892 | 3762016 | 2.05 | 1.59 | 3.30 |
| 3708973762016 | 370897 | 3762016 | 2.18 | 1.57 | 3.52 |
| 3709023762016 | 370902 | 3762016 | 2.32 | 1.56 | 3.76 |
| 3709073762016 | 370907 | 3762016 | 2.47 | 1.55 | 4.00 |
| 3709123762016 | 370912 | 3762016 | 2.62 | 1.53 | 4.25 |
| 3709173762016 | 370917 | 3762016 | 2.79 | 1.52 | 4.50 |
| 3709223762016 | 370922 | 3762016 | 2.96 | 1.51 | 4.75 |
| 3709273762016 | 370927 | 3762016 | 3.14 | 1.50 | 4.99 |
| 3709323762016 | 370932 | 3762016 | 3.33 | 1.49 | 5.22 |
| 3709473762016 | 370947 | 3762016 | 3.90 | 1.47 | 5.84 |
| 3709523762016 | 370952 | 3762016 | 4.08 | 1.46 | 6.01 |
| 3709573762016 | 370957 | 3762016 | 4.26 | 1.45 | 6.15 |
| 3709623762016 | 370962 | 3762016 | 4.44 | 1.45 | 6.26 |
| 3709673762016 | 370967 | 3762016 | 4.60 | 1.44 | 6.36 |
| 3709723762016 | 370972 | 3762016 | 4.75 | 1.43 | 6.42 |
| 3709773762016 | 370977 | 3762016 | 4.89 | 1.43 | 6.46 |
| 3709823762016 | 370982 | 3762016 | 5.01 | 1.42 | 6.48 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708573762021 | 370857 | 3762021 | 1.33 | 1.71 | 1.96 |
| 3708623762021 | 370862 | 3762021 | 1.40 | 1.68 | 2.08 |
| 3708673762021 | 370867 | 3762021 | 1.47 | 1.66 | 2.21 |
| 3708723762021 | 370872 | 3762021 | 1.55 | 1.64 | 2.36 |
| 3708773762021 | 370877 | 3762021 | 1.63 | 1.61 | 2.51 |
| 3708823762021 | 370882 | 3762021 | 1.72 | 1.59 | 2.67 |
| 3708873762021 | 370887 | 3762021 | 1.81 | 1.57 | 2.85 |
| 3708923762021 | 370892 | 3762021 | 1.91 | 1.55 | 3.03 |
| 3708973762021 | 370897 | 3762021 | 2.02 | 1.54 | 3.22 |
| 3709023762021 | 370902 | 3762021 | 2.15 | 1.52 | 3.45 |
| 3709073762021 | 370907 | 3762021 | 2.29 | 1.51 | 3.67 |
| 3709123762021 | 370912 | 3762021 | 2.44 | 1.50 | 3.89 |
| 3709173762021 | 370917 | 3762021 | 2.59 | 1.49 | 4.12 |
| 3709223762021 | 370922 | 3762021 | 2.74 | 1.47 | 4.34 |
| 3709273762021 | 370927 | 3762021 | 2.90 | 1.46 | 4.57 |
| 3709323762021 | 370932 | 3762021 | 3.07 | 1.45 | 4.78 |
| 3709523762021 | 370952 | 3762021 | 3.76 | 1.42 | 5.52 |
| 3709573762021 | 370957 | 3762021 | 3.93 | 1.41 | 5.66 |
| 3709623762021 | 370962 | 3762021 | 4.09 | 1.41 | 5.78 |
| 3709673762021 | 370967 | 3762021 | 4.24 | 1.40 | 5.88 |
| 3709723762021 | 370972 | 3762021 | 4.39 | 1.39 | 5.95 |
| 3709773762021 | 370977 | 3762021 | 4.52 | 1.39 | 6.00 |
| 3709823762021 | 370982 | 3762021 | 4.63 | 1.38 | 6.03 |
| 3709873762021 | 370987 | 3762021 | 4.73 | 1.37 | 6.04 |
| 3708623762026 | 370862 | 3762026 | 1.32 | 1.65 | 1.95 |
| 3708673762026 | 370867 | 3762026 | 1.39 | 1.62 | 2.06 |
| 3708723762026 | 370872 | 3762026 | 1.46 | 1.60 | 2.19 |
| 3708773762026 | 370877 | 3762026 | 1.53 | 1.58 | 2.33 |
| 3708823762026 | 370882 | 3762026 | 1.61 | 1.56 | 2.48 |
| 3708873762026 | 370887 | 3762026 | 1.69 | 1.54 | 2.62 |
| 3708923762026 | 370892 | 3762026 | 1.78 | 1.52 | 2.78 |
| 3708973762026 | 370897 | 3762026 | 1.88 | 1.50 | 2.96 |
| 3709023762026 | 370902 | 3762026 | 2.00 | 1.49 | 3.16 |
| 3709073762026 | 370907 | 3762026 | 2.13 | 1.48 | 3.37 |
| 3709123762026 | 370912 | 3762026 | 2.26 | 1.46 | 3.58 |
| 3709173762026 | 370917 | 3762026 | 2.40 | 1.45 | 3.78 |
| 3709223762026 | 370922 | 3762026 | 2.54 | 1.44 | 3.99 |
| 3709273762026 | 370927 | 3762026 | 2.69 | 1.43 | 4.19 |
| 3709323762026 | 370932 | 3762026 | 2.84 | 1.42 | 4.39 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3709373762026 | 370937 | 3762026 | 3.00 | 1.41 | 4.58 |
| 3709573762026 | 370957 | 3762026 | 3.63 | 1.38 | 5.22 |
| 3709623762026 | 370962 | 3762026 | 3.78 | 1.37 | 5.34 |
| 3709673762026 | 370967 | 3762026 | 3.92 | 1.36 | 5.44 |
| 3709723762026 | 370972 | 3762026 | 4.06 | 1.36 | 5.52 |
| 3709773762026 | 370977 | 3762026 | 4.18 | 1.35 | 5.58 |
| 3709823762026 | 370982 | 3762026 | 4.29 | 1.34 | 5.62 |
| 3709873762026 | 370987 | 3762026 | 4.39 | 1.34 | 5.65 |
| 3709923762026 | 370992 | 3762026 | 4.48 | 1.33 | 5.65 |
| 3708623762031 | 370862 | 3762031 | 1.25 | 1.61 | 1.82 |
| 3708673762031 | 370867 | 3762031 | 1.31 | 1.59 | 1.93 |
| 3708723762031 | 370872 | 3762031 | 1.37 | 1.57 | 2.05 |
| 3708773762031 | 370877 | 3762031 | 1.44 | 1.55 | 2.17 |
| 3708823762031 | 370882 | 3762031 | 1.52 | 1.53 | 2.31 |
| 3708873762031 | 370887 | 3762031 | 1.59 | 1.51 | 2.45 |
| 3708923762031 | 370892 | 3762031 | 1.68 | 1.49 | 2.60 |
| 3708973762031 | 370897 | 3762031 | 1.77 | 1.47 | 2.76 |
| 3709023762031 | 370902 | 3762031 | 1.88 | 1.46 | 2.93 |
| 3709073762031 | 370907 | 3762031 | 1.99 | 1.44 | 3.11 |
| 3709123762031 | 370912 | 3762031 | 2.11 | 1.43 | 3.30 |
| 3709173762031 | 370917 | 3762031 | 2.24 | 1.42 | 3.48 |
| 3709223762031 | 370922 | 3762031 | 2.37 | 1.41 | 3.67 |
| 3709273762031 | 370927 | 3762031 | 2.50 | 1.40 | 3.85 |
| 3709323762031 | 370932 | 3762031 | 2.64 | 1.39 | 4.04 |
| 3709373762031 | 370937 | 3762031 | 2.78 | 1.38 | 4.21 |
| 3709423762031 | 370942 | 3762031 | 2.93 | 1.37 | 4.38 |
| 3709623762031 | 370962 | 3762031 | 3.50 | 1.34 | 4.94 |
| 3709673762031 | 370967 | 3762031 | 3.63 | 1.33 | 5.04 |
| 3709723762031 | 370972 | 3762031 | 3.76 | 1.32 | 5.13 |
| 3709773762031 | 370977 | 3762031 | 3.88 | 1.31 | 5.19 |
| 3709823762031 | 370982 | 3762031 | 3.99 | 1.31 | 5.24 |
| 3709873762031 | 370987 | 3762031 | 4.09 | 1.30 | 5.28 |
| 3709923762031 | 370992 | 3762031 | 4.17 | 1.29 | 5.29 |
| 3709973762031 | 370997 | 3762031 | 4.25 | 1.29 | 5.29 |
| 3708673762036 | 370867 | 3762036 | 1.24 | 1.56 | 1.81 |
| 3708723762036 | 370872 | 3762036 | 1.30 | 1.54 | 1.91 |
| 3708773762036 | 370877 | 3762036 | 1.36 | 1.52 | 2.03 |
| 3708823762036 | 370882 | 3762036 | 1.43 | 1.50 | 2.15 |
| 3708873762036 | 370887 | 3762036 | 1.51 | 1.48 | 2.28 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708923762036 | 370892 | 3762036 | 1.59 | 1.46 | 2.42 |
| 3708973762036 | 370897 | 3762036 | 1.67 | 1.44 | 2.56 |
| 3709023762036 | 370902 | 3762036 | 1.76 | 1.43 | 2.72 |
| 3709073762036 | 370907 | 3762036 | 1.86 | 1.41 | 2.88 |
| 3709123762036 | 370912 | 3762036 | 1.98 | 1.40 | 3.04 |
| 3709173762036 | 370917 | 3762036 | 2.09 | 1.39 | 3.21 |
| 3709223762036 | 370922 | 3762036 | 2.20 | 1.38 | 3.38 |
| 3709273762036 | 370927 | 3762036 | 2.33 | 1.36 | 3.55 |
| 3709323762036 | 370932 | 3762036 | 2.45 | 1.35 | 3.72 |
| 3709373762036 | 370937 | 3762036 | 2.58 | 1.34 | 3.88 |
| 3709423762036 | 370942 | 3762036 | 2.72 | 1.34 | 4.04 |
| 3709473762036 | 370947 | 3762036 | 2.85 | 1.33 | 4.19 |
| 3709623762036 | 370962 | 3762036 | 3.24 | 1.30 | 4.57 |
| 3709673762036 | 370967 | 3762036 | 3.37 | 1.30 | 4.68 |
| 3709723762036 | 370972 | 3762036 | 3.49 | 1.29 | 4.76 |
| 3709773762036 | 370977 | 3762036 | 3.60 | 1.28 | 4.83 |
| 3709823762036 | 370982 | 3762036 | 3.71 | 1.27 | 4.89 |
| 3709873762036 | 370987 | 3762036 | 3.81 | 1.27 | 4.93 |
| 3709923762036 | 370992 | 3762036 | 3.89 | 1.26 | 4.96 |
| 3709973762036 | 370997 | 3762036 | 3.96 | 1.25 | 4.97 |
| 3708723762041 | 370872 | 3762041 | 1.23 | 1.51 | 1.79 |
| 3708773762041 | 370877 | 3762041 | 1.29 | 1.49 | 1.89 |
| 3708823762041 | 370882 | 3762041 | 1.35 | 1.47 | 2.01 |
| 3708873762041 | 370887 | 3762041 | 1.42 | 1.45 | 2.13 |
| 3708923762041 | 370892 | 3762041 | 1.50 | 1.43 | 2.25 |
| 3708973762041 | 370897 | 3762041 | 1.58 | 1.41 | 2.38 |
| 3709023762041 | 370902 | 3762041 | 1.66 | 1.40 | 2.52 |
| 3709073762041 | 370907 | 3762041 | 1.75 | 1.38 | 2.67 |
| 3709123762041 | 370912 | 3762041 | 1.85 | 1.37 | 2.82 |
| 3709173762041 | 370917 | 3762041 | 1.95 | 1.36 | 2.97 |
| 3709223762041 | 370922 | 3762041 | 2.05 | 1.35 | 3.12 |
| 3709273762041 | 370927 | 3762041 | 2.17 | 1.33 | 3.28 |
| 3709323762041 | 370932 | 3762041 | 2.29 | 1.32 | 3.44 |
| 3709373762041 | 370937 | 3762041 | 2.41 | 1.31 | 3.59 |
| 3709423762041 | 370942 | 3762041 | 2.53 | 1.31 | 3.73 |
| 3709473762041 | 370947 | 3762041 | 2.65 | 1.30 | 3.87 |
| 3709673762041 | 370967 | 3762041 | 3.13 | 1.27 | 4.34 |
| 3709723762041 | 370972 | 3762041 | 3.24 | 1.26 | 4.43 |
| 3709773762041 | 370977 | 3762041 | 3.35 | 1.25 | 4.50 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3709823762041 | 370982 | 3762041 | 3.45 | 1.24 | 4.57 |
| 3709873762041 | 370987 | 3762041 | 3.55 | 1.24 | 4.61 |
| 3709923762041 | 370992 | 3762041 | 3.63 | 1.23 | 4.65 |
| 3709973762041 | 370997 | 3762041 | 3.70 | 1.22 | 4.67 |
| 3710023762041 | 371002 | 3762041 | 3.77 | 1.21 | 4.67 |
| 3708773762046 | 370877 | 3762046 | 1.22 | 1.46 | 1.77 |
| 3708823762046 | 370882 | 3762046 | 1.28 | 1.44 | 1.88 |
| 3708873762046 | 370887 | 3762046 | 1.34 | 1.42 | 1.98 |
| 3708923762046 | 370892 | 3762046 | 1.41 | 1.40 | 2.10 |
| 3708973762046 | 370897 | 3762046 | 1.48 | 1.39 | 2.22 |
| 3709023762046 | 370902 | 3762046 | 1.56 | 1.37 | 2.35 |
| 3709073762046 | 370907 | 3762046 | 1.64 | 1.36 | 2.48 |
| 3709123762046 | 370912 | 3762046 | 1.73 | 1.34 | 2.61 |
| 3709173762046 | 370917 | 3762046 | 1.82 | 1.33 | 2.75 |
| 3709223762046 | 370922 | 3762046 | 1.92 | 1.32 | 2.89 |
| 3709273762046 | 370927 | 3762046 | 2.02 | 1.31 | 3.04 |
| 3709323762046 | 370932 | 3762046 | 2.13 | 1.30 | 3.18 |
| 3709373762046 | 370937 | 3762046 | 2.24 | 1.29 | 3.32 |
| 3709423762046 | 370942 | 3762046 | 2.35 | 1.28 | 3.46 |
| 3709473762046 | 370947 | 3762046 | 2.47 | 1.27 | 3.59 |
| 3709523762046 | 370952 | 3762046 | 2.58 | 1.26 | 3.71 |
| 3709723762046 | 370972 | 3762046 | 3.02 | 1.23 | 4.12 |
| 3709773762046 | 370977 | 3762046 | 3.12 | 1.22 | 4.20 |
| 3709823762046 | 370982 | 3762046 | 3.22 | 1.21 | 4.26 |
| 3709873762046 | 370987 | 3762046 | 3.31 | 1.21 | 4.32 |
| 3709923762046 | 370992 | 3762046 | 3.39 | 1.20 | 4.35 |
| 3709973762046 | 370997 | 3762046 | 3.46 | 1.19 | 4.38 |
| 3710023762046 | 371002 | 3762046 | 3.53 | 1.19 | 4.40 |
| 3708773762051 | 370877 | 3762051 | 1.15 | 1.43 | 1.66 |
| 3708823762051 | 370882 | 3762051 | 1.21 | 1.41 | 1.76 |
| 3708873762051 | 370887 | 3762051 | 1.27 | 1.39 | 1.86 |
| 3708923762051 | 370892 | 3762051 | 1.33 | 1.38 | 1.96 |
| 3708973762051 | 370897 | 3762051 | 1.40 | 1.36 | 2.07 |
| 3709023762051 | 370902 | 3762051 | 1.47 | 1.34 | 2.19 |
| 3709073762051 | 370907 | 3762051 | 1.54 | 1.33 | 2.30 |
| 3709123762051 | 370912 | 3762051 | 1.62 | 1.32 | 2.43 |
| 3709173762051 | 370917 | 3762051 | 1.71 | 1.30 | 2.56 |
| 3709223762051 | 370922 | 3762051 | 1.80 | 1.29 | 2.68 |
| 3709273762051 | 370927 | 3762051 | 1.89 | 1.28 | 2.82 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3709323762051 | 370932 | 3762051 | 1.99 | 1.27 | 2.95 |
| 3709373762051 | 370937 | 3762051 | 2.09 | 1.26 | 3.08 |
| 3709423762051 | 370942 | 3762051 | 2.19 | 1.25 | 3.21 |
| 3709473762051 | 370947 | 3762051 | 2.30 | 1.24 | 3.33 |
| 3709523762051 | 370952 | 3762051 | 2.41 | 1.23 | 3.45 |
| 3709573762051 | 370957 | 3762051 | 2.51 | 1.22 | 3.56 |
| 3709723762051 | 370972 | 3762051 | 2.82 | 1.20 | 3.84 |
| 3709773762051 | 370977 | 3762051 | 2.91 | 1.19 | 3.92 |
| 3709823762051 | 370982 | 3762051 | 3.00 | 1.19 | 3.99 |
| 3709873762051 | 370987 | 3762051 | 3.09 | 1.18 | 4.04 |
| 3709923762051 | 370992 | 3762051 | 3.17 | 1.17 | 4.08 |
| 3709973762051 | 370997 | 3762051 | 3.24 | 1.16 | 4.12 |
| 3710023762051 | 371002 | 3762051 | 3.31 | 1.16 | 4.14 |
| 3708823762056 | 370882 | 3762056 | 1.15 | 1.38 | 1.65 |
| 3708873762056 | 370887 | 3762056 | 1.20 | 1.37 | 1.74 |
| 3708923762056 | 370892 | 3762056 | 1.26 | 1.35 | 1.83 |
| 3708973762056 | 370897 | 3762056 | 1.32 | 1.33 | 1.94 |
| 3709023762056 | 370902 | 3762056 | 1.39 | 1.32 | 2.04 |
| 3709073762056 | 370907 | 3762056 | 1.46 | 1.30 | 2.15 |
| 3709123762056 | 370912 | 3762056 | 1.53 | 1.29 | 2.26 |
| 3709173762056 | 370917 | 3762056 | 1.60 | 1.28 | 2.38 |
| 3709223762056 | 370922 | 3762056 | 1.68 | 1.26 | 2.49 |
| 3709273762056 | 370927 | 3762056 | 1.77 | 1.25 | 2.62 |
| 3709323762056 | 370932 | 3762056 | 1.86 | 1.24 | 2.74 |
| 3709373762056 | 370937 | 3762056 | 1.95 | 1.23 | 2.85 |
| 3709423762056 | 370942 | 3762056 | 2.05 | 1.22 | 2.98 |
| 3709473762056 | 370947 | 3762056 | 2.15 | 1.21 | 3.09 |
| 3709523762056 | 370952 | 3762056 | 2.25 | 1.21 | 3.20 |
| 3709573762056 | 370957 | 3762056 | 2.35 | 1.20 | 3.31 |
| 3709623762056 | 370962 | 3762056 | 2.44 | 1.19 | 3.41 |
| 3709773762056 | 370977 | 3762056 | 2.72 | 1.17 | 3.66 |
| 3709823762056 | 370982 | 3762056 | 2.81 | 1.16 | 3.73 |
| 3709873762056 | 370987 | 3762056 | 2.89 | 1.15 | 3.78 |
| 3709923762056 | 370992 | 3762056 | 2.97 | 1.15 | 3.83 |
| 3709973762056 | 370997 | 3762056 | 3.04 | 1.14 | 3.87 |
| 3710023762056 | 371002 | 3762056 | 3.10 | 1.13 | 3.90 |
| 3708693761662 | 370869 | 3761662 | 1.31 | 1.99 | 0.98 |
| 3708893761662 | 370889 | 3761662 | 1.17 | 1.58 | 0.82 |
| 3709093761662 | 370909 | 3761662 | 1.03 | 1.35 | 0.70 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3709293761662 | 370929 | 3761662 | 0.91 | 1.27 | 0.60 |
| 3709493761662 | 370949 | 3761662 | 0.76 | 1.06 | 0.49 |
| 3709693761662 | 370969 | 3761662 | 0.62 | 0.89 | 0.40 |
| 3709893761662 | 370989 | 3761662 | 0.50 | 0.75 | 0.33 |
| 3710093761662 | 371009 | 3761662 | 0.41 | 0.63 | 0.27 |
| 3710293761662 | 371029 | 3761662 | 0.33 | 0.54 | 0.23 |
| 3710493761662 | 371049 | 3761662 | 0.27 | 0.46 | 0.19 |
| 3710693761662 | 371069 | 3761662 | 0.23 | 0.39 | 0.16 |
| 3710893761662 | 371089 | 3761662 | 0.19 | 0.34 | 0.14 |
| 3711093761662 | 371109 | 3761662 | 0.16 | 0.30 | 0.12 |
| 3711293761662 | 371129 | 3761662 | 0.14 | 0.26 | 0.11 |
| 3711493761662 | 371149 | 3761662 | 0.12 | 0.23 | 0.10 |
| 3711693761662 | 371169 | 3761662 | 0.11 | 0.21 | 0.09 |
| 3711893761662 | 371189 | 3761662 | 0.10 | 0.19 | 0.08 |
| 3712093761662 | 371209 | 3761662 | 0.09 | 0.17 | 0.07 |
| 3712293761662 | 371229 | 3761662 | 0.08 | 0.16 | 0.06 |
| 3712493761662 | 371249 | 3761662 | 0.07 | 0.14 | 0.06 |
| 3712693761662 | 371269 | 3761662 | 0.06 | 0.13 | 0.05 |
| 3712893761662 | 371289 | 3761662 | 0.06 | 0.12 | 0.05 |
| 3713093761662 | 371309 | 3761662 | 0.05 | 0.11 | 0.05 |
| 3713293761662 | 371329 | 3761662 | 0.05 | 0.10 | 0.04 |
| 3713493761662 | 371349 | 3761662 | 0.05 | 0.10 | 0.04 |
| 3713693761662 | 371369 | 3761662 | 0.04 | 0.09 | 0.04 |
| 3713893761662 | 371389 | 3761662 | 0.04 | 0.08 | 0.04 |
| 3714093761662 | 371409 | 3761662 | 0.04 | 0.08 | 0.03 |
| 3714293761662 | 371429 | 3761662 | 0.04 | 0.07 | 0.03 |
| 3714493761662 | 371449 | 3761662 | 0.03 | 0.07 | 0.03 |
| 3708693761682 | 370869 | 3761682 | 1.61 | 2.51 | 1.19 |
| 3708893761682 | 370889 | 3761682 | 1.35 | 1.99 | 0.94 |
| 3709093761682 | 370909 | 3761682 | 1.34 | 1.92 | 0.87 |
| 3709293761682 | 370929 | 3761682 | 1.13 | 1.64 | 0.71 |
| 3709493761682 | 370949 | 3761682 | 0.92 | 1.33 | 0.57 |
| 3709693761682 | 370969 | 3761682 | 0.73 | 1.09 | 0.46 |
| 3709893761682 | 370989 | 3761682 | 0.58 | 0.89 | 0.37 |
| 3710093761682 | 371009 | 3761682 | 0.46 | 0.73 | 0.30 |
| 3710293761682 | 371029 | 3761682 | 0.37 | 0.61 | 0.24 |
| 3710493761682 | 371049 | 3761682 | 0.30 | 0.51 | 0.20 |
| 3710693761682 | 371069 | 3761682 | 0.24 | 0.44 | 0.17 |
| 3710893761682 | 371089 | 3761682 | 0.20 | 0.38 | 0.15 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3711093761682 | 371109 | 3761682 | 0.17 | 0.33 | 0.13 |
| 3711293761682 | 371129 | 3761682 | 0.15 | 0.28 | 0.11 |
| 3711493761682 | 371149 | 3761682 | 0.13 | 0.25 | 0.10 |
| 3711693761682 | 371169 | 3761682 | 0.11 | 0.22 | 0.09 |
| 3711893761682 | 371189 | 3761682 | 0.10 | 0.20 | 0.08 |
| 3712093761682 | 371209 | 3761682 | 0.09 | 0.18 | 0.07 |
| 3712293761682 | 371229 | 3761682 | 0.08 | 0.16 | 0.07 |
| 3712493761682 | 371249 | 3761682 | 0.07 | 0.15 | 0.06 |
| 3712693761682 | 371269 | 3761682 | 0.07 | 0.14 | 0.06 |
| 3712893761682 | 371289 | 3761682 | 0.06 | 0.13 | 0.05 |
| 3713093761682 | 371309 | 3761682 | 0.06 | 0.12 | 0.05 |
| 3713293761682 | 371329 | 3761682 | 0.05 | 0.11 | 0.04 |
| 3713493761682 | 371349 | 3761682 | 0.05 | 0.10 | 0.04 |
| 3713693761682 | 371369 | 3761682 | 0.05 | 0.09 | 0.04 |
| 3713893761682 | 371389 | 3761682 | 0.04 | 0.09 | 0.04 |
| 3714093761682 | 371409 | 3761682 | 0.04 | 0.08 | 0.03 |
| 3714293761682 | 371429 | 3761682 | 0.04 | 0.08 | 0.03 |
| 3714493761682 | 371449 | 3761682 | 0.03 | 0.07 | 0.03 |
| 3708693761702 | 370869 | 3761702 | 1.93 | 3.37 | 1.38 |
| 3708893761702 | 370889 | 3761702 | 1.97 | 3.19 | 1.30 |
| 3709093761702 | 370909 | 3761702 | 1.75 | 2.81 | 1.07 |
| 3709293761702 | 370929 | 3761702 | 1.44 | 2.21 | 0.84 |
| 3709493761702 | 370949 | 3761702 | 1.14 | 1.73 | 0.66 |
| 3709693761702 | 370969 | 3761702 | 0.88 | 1.36 | 0.52 |
| 3709893761702 | 370989 | 3761702 | 0.67 | 1.08 | 0.41 |
| 3710093761702 | 371009 | 3761702 | 0.52 | 0.87 | 0.33 |
| 3710293761702 | 371029 | 3761702 | 0.40 | 0.71 | 0.26 |
| 3710493761702 | 371049 | 3761702 | 0.32 | 0.58 | 0.22 |
| 3710693761702 | 371069 | 3761702 | 0.26 | 0.49 | 0.18 |
| 3710893761702 | 371089 | 3761702 | 0.22 | 0.42 | 0.16 |
| 3711093761702 | 371109 | 3761702 | 0.18 | 0.36 | 0.14 |
| 3711293761702 | 371129 | 3761702 | 0.16 | 0.31 | 0.12 |
| 3711493761702 | 371149 | 3761702 | 0.14 | 0.27 | 0.11 |
| 3711693761702 | 371169 | 3761702 | 0.12 | 0.24 | 0.10 |
| 3711893761702 | 371189 | 3761702 | 0.11 | 0.21 | 0.09 |
| 3712093761702 | 371209 | 3761702 | 0.10 | 0.19 | 0.08 |
| 3712293761702 | 371229 | 3761702 | 0.09 | 0.17 | 0.07 |
| 3712493761702 | 371249 | 3761702 | 0.08 | 0.16 | 0.06 |
| 3712693761702 | 371269 | 3761702 | 0.07 | 0.14 | 0.06 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3712893761702 | 371289 | 3761702 | 0.07 | 0.13 | 0.05 |
| 3713093761702 | 371309 | 3761702 | 0.06 | 0.12 | 0.05 |
| 3713293761702 | 371329 | 3761702 | 0.06 | 0.11 | 0.05 |
| 3713493761702 | 371349 | 3761702 | 0.05 | 0.10 | 0.04 |
| 3713693761702 | 371369 | 3761702 | 0.05 | 0.10 | 0.04 |
| 3713893761702 | 371389 | 3761702 | 0.05 | 0.09 | 0.04 |
| 3714093761702 | 371409 | 3761702 | 0.04 | 0.08 | 0.04 |
| 3714293761702 | 371429 | 3761702 | 0.04 | 0.08 | 0.03 |
| 3714493761702 | 371449 | 3761702 | 0.04 | 0.07 | 0.03 |
| 3708693761722 | 370869 | 3761722 | 2.94 | 7.36 | 2.12 |
| 3708893761722 | 370889 | 3761722 | 2.77 | 5.83 | 1.75 |
| 3709093761722 | 370909 | 3761722 | 2.37 | 4.27 | 1.35 |
| 3709293761722 | 370929 | 3761722 | 1.90 | 3.17 | 1.03 |
| 3709493761722 | 370949 | 3761722 | 1.45 | 2.35 | 0.77 |
| 3709693761722 | 370969 | 3761722 | 1.07 | 1.77 | 0.59 |
| 3709893761722 | 370989 | 3761722 | 0.78 | 1.35 | 0.45 |
| 3710093761722 | 371009 | 3761722 | 0.58 | 1.05 | 0.36 |
| 3710293761722 | 371029 | 3761722 | 0.45 | 0.83 | 0.29 |
| 3710493761722 | 371049 | 3761722 | 0.35 | 0.67 | 0.24 |
| 3710693761722 | 371069 | 3761722 | 0.28 | 0.55 | 0.20 |
| 3710893761722 | 371089 | 3761722 | 0.24 | 0.47 | 0.17 |
| 3711093761722 | 371109 | 3761722 | 0.20 | 0.40 | 0.15 |
| 3711293761722 | 371129 | 3761722 | 0.17 | 0.34 | 0.13 |
| 3711493761722 | 371149 | 3761722 | 0.15 | 0.29 | 0.11 |
| 3711693761722 | 371169 | 3761722 | 0.13 | 0.26 | 0.10 |
| 3711893761722 | 371189 | 3761722 | 0.12 | 0.23 | 0.09 |
| 3712093761722 | 371209 | 3761722 | 0.11 | 0.21 | 0.08 |
| 3712293761722 | 371229 | 3761722 | 0.10 | 0.18 | 0.08 |
| 3712493761722 | 371249 | 3761722 | 0.09 | 0.17 | 0.07 |
| 3712693761722 | 371269 | 3761722 | 0.08 | 0.15 | 0.06 |
| 3712893761722 | 371289 | 3761722 | 0.07 | 0.14 | 0.06 |
| 3713093761722 | 371309 | 3761722 | 0.07 | 0.13 | 0.05 |
| 3713293761722 | 371329 | 3761722 | 0.06 | 0.12 | 0.05 |
| 3713493761722 | 371349 | 3761722 | 0.06 | 0.11 | 0.05 |
| 3713693761722 | 371369 | 3761722 | 0.05 | 0.10 | 0.04 |
| 3713893761722 | 371389 | 3761722 | 0.05 | 0.09 | 0.04 |
| 3714093761722 | 371409 | 3761722 | 0.05 | 0.09 | 0.04 |
| 3714293761722 | 371429 | 3761722 | 0.04 | 0.08 | 0.04 |
| 3714493761722 | 371449 | 3761722 | 0.04 | 0.08 | 0.03 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708693761742 | 370869 | 3761742 | 4.22 | 17.41 | 3.06 |
| 3708893761742 | 370889 | 3761742 | 3.97 | 10.73 | 2.39 |
| 3709093761742 | 370909 | 3761742 | 3.38 | 7.17 | 1.76 |
| 3709293761742 | 370929 | 3761742 | 2.63 | 4.93 | 1.27 |
| 3709493761742 | 370949 | 3761742 | 1.89 | 3.39 | 0.92 |
| 3709693761742 | 370969 | 3761742 | 1.31 | 2.38 | 0.67 |
| 3709893761742 | 370989 | 3761742 | 0.92 | 1.72 | 0.51 |
| 3710093761742 | 371009 | 3761742 | 0.66 | 1.28 | 0.39 |
| 3710293761742 | 371029 | 3761742 | 0.50 | 0.99 | 0.32 |
| 3710493761742 | 371049 | 3761742 | 0.39 | 0.79 | 0.26 |
| 3710693761742 | 371069 | 3761742 | 0.32 | 0.64 | 0.22 |
| 3710893761742 | 371089 | 3761742 | 0.26 | 0.53 | 0.19 |
| 3711093761742 | 371109 | 3761742 | 0.22 | 0.45 | 0.16 |
| 3711293761742 | 371129 | 3761742 | 0.19 | 0.38 | 0.14 |
| 3711493761742 | 371149 | 3761742 | 0.17 | 0.32 | 0.13 |
| 3711693761742 | 371169 | 3761742 | 0.15 | 0.29 | 0.11 |
| 3711893761742 | 371189 | 3761742 | 0.13 | 0.25 | 0.10 |
| 3712093761742 | 371209 | 3761742 | 0.12 | 0.23 | 0.09 |
| 3712293761742 | 371229 | 3761742 | 0.11 | 0.20 | 0.08 |
| 3712493761742 | 371249 | 3761742 | 0.10 | 0.18 | 0.08 |
| 3712693761742 | 371269 | 3761742 | 0.09 | 0.17 | 0.07 |
| 3712893761742 | 371289 | 3761742 | 0.08 | 0.15 | 0.06 |
| 3713093761742 | 371309 | 3761742 | 0.08 | 0.14 | 0.06 |
| 3713293761742 | 371329 | 3761742 | 0.07 | 0.13 | 0.05 |
| 3713493761742 | 371349 | 3761742 | 0.06 | 0.12 | 0.05 |
| 3713693761742 | 371369 | 3761742 | 0.06 | 0.11 | 0.05 |
| 3713893761742 | 371389 | 3761742 | 0.06 | 0.10 | 0.04 |
| 3714093761742 | 371409 | 3761742 | 0.05 | 0.09 | 0.04 |
| 3714293761742 | 371429 | 3761742 | 0.05 | 0.09 | 0.04 |
| 3714493761742 | 371449 | 3761742 | 0.04 | 0.08 | 0.04 |
| 3708693761762 | 370869 | 3761762 | 6.26 | 19.09 | 4.65 |
| 3708893761762 | 370889 | 3761762 | 6.09 | 18.83 | 3.44 |
| 3709093761762 | 370909 | 3761762 | 5.19 | 13.88 | 2.35 |
| 3709293761762 | 370929 | 3761762 | 3.86 | 8.48 | 1.59 |
| 3709493761762 | 370949 | 3761762 | 2.57 | 5.17 | 1.09 |
| 3709693761762 | 370969 | 3761762 | 1.65 | 3.30 | 0.78 |
| 3709893761762 | 370989 | 3761762 | 1.09 | 2.24 | 0.58 |
| 3710093761762 | 371009 | 3761762 | 0.77 | 1.61 | 0.45 |
| 3710293761762 | 371029 | 3761762 | 0.57 | 1.21 | 0.36 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3710493761762 | 371049 | 3761762 | 0.45 | 0.94 | 0.29 |
| 3710693761762 | 371069 | 3761762 | 0.37 | 0.75 | 0.25 |
| 3710893761762 | 371089 | 3761762 | 0.31 | 0.62 | 0.21 |
| 3711093761762 | 371109 | 3761762 | 0.27 | 0.51 | 0.19 |
| 3711293761762 | 371129 | 3761762 | 0.23 | 0.44 | 0.16 |
| 3711493761762 | 371149 | 3761762 | 0.20 | 0.37 | 0.14 |
| 3711693761762 | 371169 | 3761762 | 0.18 | 0.32 | 0.13 |
| 3711893761762 | 371189 | 3761762 | 0.16 | 0.28 | 0.12 |
| 3712093761762 | 371209 | 3761762 | 0.14 | 0.25 | 0.10 |
| 3712293761762 | 371229 | 3761762 | 0.13 | 0.22 | 0.09 |
| 3712493761762 | 371249 | 3761762 | 0.12 | 0.20 | 0.09 |
| 3712693761762 | 371269 | 3761762 | 0.11 | 0.18 | 0.08 |
| 3712893761762 | 371289 | 3761762 | 0.10 | 0.16 | 0.07 |
| 3713093761762 | 371309 | 3761762 | 0.09 | 0.15 | 0.07 |
| 3713293761762 | 371329 | 3761762 | 0.08 | 0.13 | 0.06 |
| 3713493761762 | 371349 | 3761762 | 0.07 | 0.12 | 0.06 |
| 3713693761762 | 371369 | 3761762 | 0.07 | 0.11 | 0.05 |
| 3713893761762 | 371389 | 3761762 | 0.06 | 0.10 | 0.05 |
| 3714093761762 | 371409 | 3761762 | 0.06 | 0.10 | 0.04 |
| 3714293761762 | 371429 | 3761762 | 0.05 | 0.09 | 0.04 |
| 3714493761762 | 371449 | 3761762 | 0.05 | 0.08 | 0.04 |
| 3708693761782 | 370869 | 3761782 | 9.87 | 26.98 | 7.91 |
| 3708893761782 | 370889 | 3761782 | 10.21 | 16.51 | 5.32 |
| 3709093761782 | 370909 | 3761782 | 8.84 | 19.50 | 3.27 |
| 3709293761782 | 370929 | 3761782 | 6.15 | 17.26 | 2.03 |
| 3709493761782 | 370949 | 3761782 | 3.65 | 8.38 | 1.33 |
| 3709693761782 | 370969 | 3761782 | 2.11 | 4.66 | 0.93 |
| 3709893761782 | 370989 | 3761782 | 1.34 | 2.97 | 0.69 |
| 3710093761782 | 371009 | 3761782 | 0.95 | 2.06 | 0.54 |
| 3710293761782 | 371029 | 3761782 | 0.73 | 1.51 | 0.43 |
| 3710493761782 | 371049 | 3761782 | 0.58 | 1.15 | 0.36 |
| 3710693761782 | 371069 | 3761782 | 0.49 | 0.91 | 0.30 |
| 3710893761782 | 371089 | 3761782 | 0.41 | 0.73 | 0.26 |
| 3711093761782 | 371109 | 3761782 | 0.35 | 0.60 | 0.23 |
| 3711293761782 | 371129 | 3761782 | 0.31 | 0.50 | 0.20 |
| 3711493761782 | 371149 | 3761782 | 0.27 | 0.43 | 0.17 |
| 3711693761782 | 371169 | 3761782 | 0.23 | 0.37 | 0.15 |
| 3711893761782 | 371189 | 3761782 | 0.21 | 0.32 | 0.14 |
| 3712093761782 | 371209 | 3761782 | 0.18 | 0.28 | 0.12 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3712293761782 | 371229 | 3761782 | 0.16 | 0.25 | 0.11 |
| 3712493761782 | 371249 | 3761782 | 0.15 | 0.22 | 0.10 |
| 3712693761782 | 371269 | 3761782 | 0.13 | 0.19 | 0.09 |
| 3712893761782 | 371289 | 3761782 | 0.12 | 0.18 | 0.08 |
| 3713093761782 | 371309 | 3761782 | 0.11 | 0.16 | 0.08 |
| 3713293761782 | 371329 | 3761782 | 0.10 | 0.14 | 0.07 |
| 3713493761782 | 371349 | 3761782 | 0.09 | 0.13 | 0.06 |
| 3713693761782 | 371369 | 3761782 | 0.08 | 0.12 | 0.06 |
| 3713893761782 | 371389 | 3761782 | 0.07 | 0.11 | 0.05 |
| 3714093761782 | 371409 | 3761782 | 0.07 | 0.10 | 0.05 |
| 3714293761782 | 371429 | 3761782 | 0.06 | 0.10 | 0.05 |
| 3714493761782 | 371449 | 3761782 | 0.06 | 0.09 | 0.04 |
| 3708693761802 | 370869 | 3761802 | 16.53 | 19.05 | 16.21 |
| 3708893761802 | 370889 | 3761802 | 18.95 | 30.08 | 9.07 |
| 3709093761802 | 370909 | 3761802 | 17.14 | 29.81 | 4.75 |
| 3709293761802 | 370929 | 3761802 | 11.00 | 19.09 | 2.75 |
| 3709493761802 | 370949 | 3761802 | 5.51 | 13.52 | 1.79 |
| 3709693761802 | 370969 | 3761802 | 3.01 | 6.59 | 1.27 |
| 3709893761802 | 370989 | 3761802 | 2.01 | 3.96 | 0.95 |
| 3710093761802 | 371009 | 3761802 | 1.50 | 2.65 | 0.75 |
| 3710293761802 | 371029 | 3761802 | 1.18 | 1.90 | 0.61 |
| 3710493761802 | 371049 | 3761802 | 0.95 | 1.42 | 0.50 |
| 3710693761802 | 371069 | 3761802 | 0.77 | 1.10 | 0.42 |
| 3710893761802 | 371089 | 3761802 | 0.64 | 0.88 | 0.35 |
| 3711093761802 | 371109 | 3761802 | 0.53 | 0.71 | 0.30 |
| 3711293761802 | 371129 | 3761802 | 0.45 | 0.59 | 0.26 |
| 3711493761802 | 371149 | 3761802 | 0.38 | 0.49 | 0.23 |
| 3711693761802 | 371169 | 3761802 | 0.33 | 0.42 | 0.20 |
| 3711893761802 | 371189 | 3761802 | 0.28 | 0.36 | 0.17 |
| 3712093761802 | 371209 | 3761802 | 0.24 | 0.32 | 0.15 |
| 3712293761802 | 371229 | 3761802 | 0.21 | 0.28 | 0.14 |
| 3712493761802 | 371249 | 3761802 | 0.19 | 0.24 | 0.12 |
| 3712693761802 | 371269 | 3761802 | 0.17 | 0.22 | 0.11 |
| 3712893761802 | 371289 | 3761802 | 0.15 | 0.19 | 0.10 |
| 3713093761802 | 371309 | 3761802 | 0.13 | 0.17 | 0.09 |
| 3713293761802 | 371329 | 3761802 | 0.12 | 0.16 | 0.08 |
| 3713493761802 | 371349 | 3761802 | 0.11 | 0.14 | 0.07 |
| 3713693761802 | 371369 | 3761802 | 0.09 | 0.13 | 0.07 |
| 3713893761802 | 371389 | 3761802 | 0.09 | 0.12 | 0.06 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3714093761802 | 371409 | 3761802 | 0.08 | 0.11 | 0.06 |
| 3714293761802 | 371429 | 3761802 | 0.07 | 0.10 | 0.05 |
| 3714493761802 | 371449 | 3761802 | 0.06 | 0.09 | 0.05 |
| 3708693761822 | 370869 | 3761822 | 27.46 | 13.46 | 45.61 |
| 3708893761822 | 370889 | 3761822 | 33.64 | 17.37 | 17.44 |
| 3709493761822 | 370949 | 3761822 | 12.36 | 14.72 | 3.37 |
| 3709693761822 | 370969 | 3761822 | 7.76 | 7.96 | 2.32 |
| 3709893761822 | 370989 | 3761822 | 5.13 | 4.87 | 1.69 |
| 3710093761822 | 371009 | 3761822 | 3.52 | 3.26 | 1.28 |
| 3710293761822 | 371029 | 3761822 | 2.49 | 2.32 | 0.99 |
| 3710493761822 | 371049 | 3761822 | 1.83 | 1.72 | 0.79 |
| 3710693761822 | 371069 | 3761822 | 1.38 | 1.32 | 0.64 |
| 3710893761822 | 371089 | 3761822 | 1.07 | 1.05 | 0.52 |
| 3711093761822 | 371109 | 3761822 | 0.85 | 0.84 | 0.43 |
| 3711293761822 | 371129 | 3761822 | 0.69 | 0.69 | 0.36 |
| 3711493761822 | 371149 | 3761822 | 0.57 | 0.58 | 0.31 |
| 3711693761822 | 371169 | 3761822 | 0.47 | 0.49 | 0.27 |
| 3711893761822 | 371189 | 3761822 | 0.40 | 0.42 | 0.23 |
| 3712093761822 | 371209 | 3761822 | 0.34 | 0.36 | 0.20 |
| 3712293761822 | 371229 | 3761822 | 0.29 | 0.31 | 0.17 |
| 3712493761822 | 371249 | 3761822 | 0.25 | 0.27 | 0.15 |
| 3712693761822 | 371269 | 3761822 | 0.22 | 0.24 | 0.14 |
| 3712893761822 | 371289 | 3761822 | 0.18 | 0.21 | 0.12 |
| 3713093761822 | 371309 | 3761822 | 0.16 | 0.19 | 0.10 |
| 3713293761822 | 371329 | 3761822 | 0.14 | 0.17 | 0.09 |
| 3713493761822 | 371349 | 3761822 | 0.13 | 0.16 | 0.09 |
| 3713693761822 | 371369 | 3761822 | 0.12 | 0.14 | 0.08 |
| 3713893761822 | 371389 | 3761822 | 0.10 | 0.13 | 0.07 |
| 3714093761822 | 371409 | 3761822 | 0.09 | 0.12 | 0.06 |
| 3714293761822 | 371429 | 3761822 | 0.08 | 0.11 | 0.06 |
| 3714493761822 | 371449 | 3761822 | 0.08 | 0.10 | 0.05 |
| 3709693761842 | 370969 | 3761842 | 29.80 | 7.47 | 5.21 |
| 3709893761842 | 370989 | 3761842 | 15.14 | 5.13 | 3.47 |
| 3710093761842 | 371009 | 3761842 | 8.41 | 3.62 | 2.43 |
| 3710293761842 | 371029 | 3761842 | 5.21 | 2.64 | 1.77 |
| 3710493761842 | 371049 | 3761842 | 3.48 | 1.99 | 1.33 |
| 3710693761842 | 371069 | 3761842 | 2.45 | 1.54 | 1.03 |
| 3710893761842 | 371089 | 3761842 | 1.80 | 1.21 | 0.81 |
| 3711093761842 | 371109 | 3761842 | 1.37 | 0.98 | 0.65 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3711293761842 | 371129 | 3761842 | 1.06 | 0.80 | 0.53 |
| 3711493761842 | 371149 | 3761842 | 0.85 | 0.67 | 0.44 |
| 3711693761842 | 371169 | 3761842 | 0.68 | 0.56 | 0.37 |
| 3711893761842 | 371189 | 3761842 | 0.56 | 0.47 | 0.31 |
| 3712093761842 | 371209 | 3761842 | 0.47 | 0.41 | 0.27 |
| 3712293761842 | 371229 | 3761842 | 0.39 | 0.35 | 0.23 |
| 3712493761842 | 371249 | 3761842 | 0.33 | 0.31 | 0.20 |
| 3712693761842 | 371269 | 3761842 | 0.29 | 0.27 | 0.17 |
| 3712893761842 | 371289 | 3761842 | 0.24 | 0.24 | 0.15 |
| 3713093761842 | 371309 | 3761842 | 0.21 | 0.21 | 0.13 |
| 3713293761842 | 371329 | 3761842 | 0.18 | 0.19 | 0.12 |
| 3713493761842 | 371349 | 3761842 | 0.16 | 0.17 | 0.10 |
| 3713693761842 | 371369 | 3761842 | 0.15 | 0.16 | 0.10 |
| 3713893761842 | 371389 | 3761842 | 0.13 | 0.14 | 0.09 |
| 3714093761842 | 371409 | 3761842 | 0.12 | 0.13 | 0.08 |
| 3714293761842 | 371429 | 3761842 | 0.11 | 0.12 | 0.07 |
| 3714493761842 | 371449 | 3761842 | 0.09 | 0.11 | 0.06 |
| 3708693761862 | 370869 | 3761862 | 30.96 | 6.41 | 157.36 |
| 3709493761862 | 370949 | 3761862 | 83.18 | 7.67 | 19.70 |
| 3709693761862 | 370969 | 3761862 | 52.27 | 6.18 | 11.05 |
| 3709893761862 | 370989 | 3761862 | 26.72 | 4.75 | 6.78 |
| 3710093761862 | 371009 | 3761862 | 14.62 | 3.63 | 4.45 |
| 3710293761862 | 371029 | 3761862 | 8.79 | 2.78 | 3.08 |
| 3710493761862 | 371049 | 3761862 | 5.68 | 2.16 | 2.21 |
| 3710693761862 | 371069 | 3761862 | 3.88 | 1.70 | 1.64 |
| 3710893761862 | 371089 | 3761862 | 2.77 | 1.36 | 1.25 |
| 3711093761862 | 371109 | 3761862 | 2.05 | 1.10 | 0.98 |
| 3711293761862 | 371129 | 3761862 | 1.56 | 0.91 | 0.78 |
| 3711493761862 | 371149 | 3761862 | 1.21 | 0.75 | 0.63 |
| 3711693761862 | 371169 | 3761862 | 0.96 | 0.63 | 0.52 |
| 3711893761862 | 371189 | 3761862 | 0.78 | 0.54 | 0.43 |
| 3712093761862 | 371209 | 3761862 | 0.64 | 0.46 | 0.36 |
| 3712293761862 | 371229 | 3761862 | 0.53 | 0.40 | 0.31 |
| 3712493761862 | 371249 | 3761862 | 0.45 | 0.35 | 0.26 |
| 3712693761862 | 371269 | 3761862 | 0.38 | 0.31 | 0.23 |
| 3712893761862 | 371289 | 3761862 | 0.32 | 0.27 | 0.19 |
| 3713093761862 | 371309 | 3761862 | 0.27 | 0.24 | 0.17 |
| 3713293761862 | 371329 | 3761862 | 0.23 | 0.21 | 0.15 |
| 3713493761862 | 371349 | 3761862 | 0.21 | 0.19 | 0.13 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3713693761862 | 371369 | 3761862 | 0.18 | 0.17 | 0.12 |
| 3713893761862 | 371389 | 3761862 | 0.16 | 0.16 | 0.10 |
| 3714093761862 | 371409 | 3761862 | 0.14 | 0.14 | 0.09 |
| 3714293761862 | 371429 | 3761862 | 0.13 | 0.13 | 0.08 |
| 3714493761862 | 371449 | 3761862 | 0.11 | 0.12 | 0.08 |
| 3708693761882 | 370869 | 3761882 | 20.48 | 4.49 | 81.85 |
| 3708893761882 | 370889 | 3761882 | 40.21 | 4.93 | 225.41 |
| 3709293761882 | 370929 | 3761882 | 89.70 | 5.58 | 79.19 |
| 3709493761882 | 370949 | 3761882 | 77.75 | 5.44 | 35.43 |
| 3709693761882 | 370969 | 3761882 | 50.64 | 4.87 | 18.90 |
| 3709893761882 | 370989 | 3761882 | 30.53 | 4.12 | 11.19 |
| 3710093761882 | 371009 | 3761882 | 18.57 | 3.37 | 7.14 |
| 3710293761882 | 371029 | 3761882 | 11.75 | 2.73 | 4.81 |
| 3710493761882 | 371049 | 3761882 | 7.78 | 2.21 | 3.38 |
| 3710693761882 | 371069 | 3761882 | 5.36 | 1.79 | 2.46 |
| 3710893761882 | 371089 | 3761882 | 3.83 | 1.46 | 1.84 |
| 3711093761882 | 371109 | 3761882 | 2.82 | 1.20 | 1.41 |
| 3711293761882 | 371129 | 3761882 | 2.13 | 1.00 | 1.10 |
| 3711493761882 | 371149 | 3761882 | 1.64 | 0.83 | 0.88 |
| 3711693761882 | 371169 | 3761882 | 1.29 | 0.70 | 0.71 |
| 3711893761882 | 371189 | 3761882 | 1.04 | 0.60 | 0.58 |
| 3712093761882 | 371209 | 3761882 | 0.83 | 0.51 | 0.48 |
| 3712293761882 | 371229 | 3761882 | 0.69 | 0.44 | 0.40 |
| 3712493761882 | 371249 | 3761882 | 0.58 | 0.39 | 0.34 |
| 3712693761882 | 371269 | 3761882 | 0.49 | 0.34 | 0.29 |
| 3712893761882 | 371289 | 3761882 | 0.41 | 0.30 | 0.25 |
| 3713093761882 | 371309 | 3761882 | 0.34 | 0.26 | 0.21 |
| 3713293761882 | 371329 | 3761882 | 0.30 | 0.23 | 0.19 |
| 3713493761882 | 371349 | 3761882 | 0.26 | 0.21 | 0.16 |
| 3713693761882 | 371369 | 3761882 | 0.22 | 0.19 | 0.14 |
| 3713893761882 | 371389 | 3761882 | 0.20 | 0.17 | 0.13 |
| 3714093761882 | 371409 | 3761882 | 0.18 | 0.16 | 0.11 |
| 3714293761882 | 371429 | 3761882 | 0.15 | 0.14 | 0.10 |
| 3714493761882 | 371449 | 3761882 | 0.13 | 0.13 | 0.09 |
| 3708693761902 | 370869 | 3761902 | 12.35 | 3.52 | 35.94 |
| 3708893761902 | 370889 | 3761902 | 21.39 | 3.64 | 82.77 |
| 3709293761902 | 370929 | 3761902 | 61.26 | 3.99 | 79.75 |
| 3709493761902 | 370949 | 3761902 | 54.06 | 4.01 | 42.17 |
| 3709693761902 | 370969 | 3761902 | 40.09 | 3.82 | 24.16 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3709893761902 | 370989 | 3761902 | 27.98 | 3.46 | 14.86 |
| 3710093761902 | 371009 | 3761902 | 19.11 | 3.01 | 9.66 |
| 3710293761902 | 371029 | 3761902 | 13.10 | 2.56 | 6.57 |
| 3710493761902 | 371049 | 3761902 | 9.14 | 2.15 | 4.63 |
| 3710693761902 | 371069 | 3761902 | 6.51 | 1.80 | 3.36 |
| 3710893761902 | 371089 | 3761902 | 4.75 | 1.50 | 2.51 |
| 3711093761902 | 371109 | 3761902 | 3.54 | 1.26 | 1.91 |
| 3711293761902 | 371129 | 3761902 | 2.69 | 1.06 | 1.48 |
| 3711493761902 | 371149 | 3761902 | 2.09 | 0.90 | 1.17 |
| 3711693761902 | 371169 | 3761902 | 1.64 | 0.77 | 0.94 |
| 3711893761902 | 371189 | 3761902 | 1.31 | 0.65 | 0.76 |
| 3712093761902 | 371209 | 3761902 | 1.06 | 0.56 | 0.63 |
| 3712293761902 | 371229 | 3761902 | 0.87 | 0.49 | 0.52 |
| 3712493761902 | 371249 | 3761902 | 0.72 | 0.43 | 0.44 |
| 3712693761902 | 371269 | 3761902 | 0.61 | 0.37 | 0.37 |
| 3712893761902 | 371289 | 3761902 | 0.51 | 0.33 | 0.32 |
| 3713093761902 | 371309 | 3761902 | 0.43 | 0.29 | 0.27 |
| 3713293761902 | 371329 | 3761902 | 0.37 | 0.26 | 0.23 |
| 3713493761902 | 371349 | 3761902 | 0.32 | 0.23 | 0.20 |
| 3713693761902 | 371369 | 3761902 | 0.28 | 0.21 | 0.18 |
| 3713893761902 | 371389 | 3761902 | 0.25 | 0.19 | 0.16 |
| 3714093761902 | 371409 | 3761902 | 0.21 | 0.17 | 0.14 |
| 3714293761902 | 371429 | 3761902 | 0.18 | 0.15 | 0.12 |
| 3714493761902 | 371449 | 3761902 | 0.16 | 0.14 | 0.11 |
| 3708693761922 | 370869 | 3761922 | 7.59 | 2.91 | 17.71 |
| 3708893761922 | 370889 | 3761922 | 11.74 | 2.92 | 32.50 |
| 3709093761922 | 370909 | 3761922 | 19.63 | 2.98 | 51.11 |
| 3709293761922 | 370929 | 3761922 | 29.80 | 3.07 | 48.33 |
| 3709493761922 | 370949 | 3761922 | 32.09 | 3.10 | 35.03 |
| 3709693761922 | 370969 | 3761922 | 28.21 | 3.03 | 23.78 |
| 3709893761922 | 370989 | 3761922 | 22.57 | 2.87 | 16.12 |
| 3710093761922 | 371009 | 3761922 | 17.20 | 2.62 | 11.12 |
| 3710293761922 | 371029 | 3761922 | 12.84 | 2.34 | 7.86 |
| 3710493761922 | 371049 | 3761922 | 9.53 | 2.03 | 5.68 |
| 3710693761922 | 371069 | 3761922 | 7.11 | 1.75 | 4.19 |
| 3710893761922 | 371089 | 3761922 | 5.36 | 1.50 | 3.16 |
| 3711093761922 | 371109 | 3761922 | 4.10 | 1.28 | 2.42 |
| 3711293761922 | 371129 | 3761922 | 3.17 | 1.10 | 1.89 |
| 3711493761922 | 371149 | 3761922 | 2.49 | 0.94 | 1.49 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3711693761922 | 371169 | 3761922 | 1.97 | 0.81 | 1.20 |
| 3711893761922 | 371189 | 3761922 | 1.59 | 0.70 | 0.97 |
| 3712093761922 | 371209 | 3761922 | 1.29 | 0.61 | 0.80 |
| 3712293761922 | 371229 | 3761922 | 1.06 | 0.53 | 0.66 |
| 3712493761922 | 371249 | 3761922 | 0.86 | 0.46 | 0.54 |
| 3712693761922 | 371269 | 3761922 | 0.73 | 0.41 | 0.46 |
| 3712893761922 | 371289 | 3761922 | 0.62 | 0.36 | 0.39 |
| 3713093761922 | 371309 | 3761922 | 0.52 | 0.32 | 0.34 |
| 3713293761922 | 371329 | 3761922 | 0.45 | 0.28 | 0.29 |
| 3713493761922 | 371349 | 3761922 | 0.38 | 0.25 | 0.25 |
| 3713693761922 | 371369 | 3761922 | 0.34 | 0.23 | 0.22 |
| 3713893761922 | 371389 | 3761922 | 0.29 | 0.21 | 0.19 |
| 3714093761922 | 371409 | 3761922 | 0.25 | 0.18 | 0.17 |
| 3714293761922 | 371429 | 3761922 | 0.22 | 0.17 | 0.14 |
| 3714493761922 | 371449 | 3761922 | 0.19 | 0.15 | 0.13 |
| 3708693761942 | 370869 | 3761942 | 4.97 | 2.50 | 10.04 |
| 3708893761942 | 370889 | 3761942 | 7.11 | 2.46 | 16.15 |
| 3709093761942 | 370909 | 3761942 | 10.82 | 2.46 | 23.95 |
| 3709293761942 | 370929 | 3761942 | 15.62 | 2.48 | 27.25 |
| 3709493761942 | 370949 | 3761942 | 18.71 | 2.50 | 24.63 |
| 3709693761942 | 370969 | 3761942 | 18.80 | 2.48 | 19.72 |
| 3709893761942 | 370989 | 3761942 | 16.92 | 2.40 | 15.01 |
| 3710093761942 | 371009 | 3761942 | 14.24 | 2.26 | 11.23 |
| 3710293761942 | 371029 | 3761942 | 11.52 | 2.08 | 8.38 |
| 3710493761942 | 371049 | 3761942 | 9.11 | 1.87 | 6.30 |
| 3710693761942 | 371069 | 3761942 | 7.15 | 1.66 | 4.79 |
| 3710893761942 | 371089 | 3761942 | 5.61 | 1.46 | 3.69 |
| 3711093761942 | 371109 | 3761942 | 4.42 | 1.27 | 2.87 |
| 3711293761942 | 371129 | 3761942 | 3.50 | 1.11 | 2.26 |
| 3711493761942 | 371149 | 3761942 | 2.79 | 0.97 | 1.81 |
| 3711693761942 | 371169 | 3761942 | 2.25 | 0.84 | 1.45 |
| 3711893761942 | 371189 | 3761942 | 1.83 | 0.74 | 1.18 |
| 3712093761942 | 371209 | 3761942 | 1.50 | 0.64 | 0.97 |
| 3712293761942 | 371229 | 3761942 | 1.23 | 0.56 | 0.80 |
| 3712493761942 | 371249 | 3761942 | 1.02 | 0.50 | 0.66 |
| 3712693761942 | 371269 | 3761942 | 0.85 | 0.44 | 0.56 |
| 3712893761942 | 371289 | 3761942 | 0.73 | 0.39 | 0.48 |
| 3713093761942 | 371309 | 3761942 | 0.62 | 0.34 | 0.41 |
| 3713293761942 | 371329 | 3761942 | 0.52 | 0.31 | 0.35 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3713493761942 | 371349 | 3761942 | 0.46 | 0.28 | 0.31 |
| 3713693761942 | 371369 | 3761942 | 0.39 | 0.25 | 0.26 |
| 3713893761942 | 371389 | 3761942 | 0.34 | 0.22 | 0.23 |
| 3714093761942 | 371409 | 3761942 | 0.29 | 0.20 | 0.20 |
| 3714293761942 | 371429 | 3761942 | 0.26 | 0.18 | 0.17 |
| 3714493761942 | 371449 | 3761942 | 0.23 | 0.17 | 0.16 |
| 3708693761962 | 370869 | 3761962 | 3.45 | 2.20 | 6.30 |
| 3708893761962 | 370889 | 3761962 | 4.69 | 2.14 | 9.31 |
| 3709093761962 | 370909 | 3761962 | 6.65 | 2.10 | 13.17 |
| 3709293761962 | 370929 | 3761962 | 9.21 | 2.09 | 16.04 |
| 3709493761962 | 370949 | 3761962 | 11.44 | 2.09 | 16.48 |
| 3709693761962 | 370969 | 3761962 | 12.48 | 2.07 | 14.98 |
| 3709893761962 | 370989 | 3761962 | 12.25 | 2.03 | 12.65 |
| 3710093761962 | 371009 | 3761962 | 11.19 | 1.95 | 10.28 |
| 3710293761962 | 371029 | 3761962 | 9.72 | 1.83 | 8.17 |
| 3710493761962 | 371049 | 3761962 | 8.17 | 1.69 | 6.44 |
| 3710693761962 | 371069 | 3761962 | 6.74 | 1.54 | 5.08 |
| 3710893761962 | 371089 | 3761962 | 5.51 | 1.39 | 4.02 |
| 3711093761962 | 371109 | 3761962 | 4.49 | 1.24 | 3.20 |
| 3711293761962 | 371129 | 3761962 | 3.66 | 1.10 | 2.57 |
| 3711493761962 | 371149 | 3761962 | 2.98 | 0.97 | 2.08 |
| 3711693761962 | 371169 | 3761962 | 2.45 | 0.86 | 1.69 |
| 3711893761962 | 371189 | 3761962 | 2.02 | 0.76 | 1.39 |
| 3712093761962 | 371209 | 3761962 | 1.67 | 0.67 | 1.14 |
| 3712293761962 | 371229 | 3761962 | 1.39 | 0.59 | 0.95 |
| 3712493761962 | 371249 | 3761962 | 1.16 | 0.52 | 0.79 |
| 3712693761962 | 371269 | 3761962 | 0.98 | 0.46 | 0.67 |
| 3712893761962 | 371289 | 3761962 | 0.84 | 0.41 | 0.57 |
| 3713093761962 | 371309 | 3761962 | 0.71 | 0.37 | 0.48 |
| 3713293761962 | 371329 | 3761962 | 0.61 | 0.33 | 0.42 |
| 3713493761962 | 371349 | 3761962 | 0.53 | 0.30 | 0.37 |
| 3713693761962 | 371369 | 3761962 | 0.46 | 0.27 | 0.31 |
| 3713893761962 | 371389 | 3761962 | 0.39 | 0.24 | 0.27 |
| 3714093761962 | 371409 | 3761962 | 0.34 | 0.22 | 0.23 |
| 3714293761962 | 371429 | 3761962 | 0.30 | 0.20 | 0.21 |
| 3714493761962 | 371449 | 3761962 | 0.26 | 0.18 | 0.18 |
| 3708693761982 | 370869 | 3761982 | 2.51 | 1.98 | 4.25 |
| 3708893761982 | 370889 | 3761982 | 3.29 | 1.89 | 5.92 |
| 3709093761982 | 370909 | 3761982 | 4.44 | 1.85 | 8.05 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3709293761982 | 370929 | 3761982 | 5.93 | 1.82 | 10.02 |
| 3709493761982 | 370949 | 3761982 | 7.41 | 1.80 | 11.05 |
| 3709693761982 | 370969 | 3761982 | 8.45 | 1.78 | 10.96 |
| 3709893761982 | 370989 | 3761982 | 8.82 | 1.75 | 10.07 |
| 3710093761982 | 371009 | 3761982 | 8.57 | 1.70 | 8.79 |
| 3710293761982 | 371029 | 3761982 | 7.90 | 1.62 | 7.43 |
| 3710493761982 | 371049 | 3761982 | 7.02 | 1.53 | 6.16 |
| 3710693761982 | 371069 | 3761982 | 6.08 | 1.42 | 5.06 |
| 3710893761982 | 371089 | 3761982 | 5.17 | 1.30 | 4.14 |
| 3711093761982 | 371109 | 3761982 | 4.35 | 1.18 | 3.38 |
| 3711293761982 | 371129 | 3761982 | 3.65 | 1.06 | 2.77 |
| 3711493761982 | 371149 | 3761982 | 3.05 | 0.96 | 2.28 |
| 3711693761982 | 371169 | 3761982 | 2.55 | 0.86 | 1.88 |
| 3711893761982 | 371189 | 3761982 | 2.14 | 0.77 | 1.56 |
| 3712093761982 | 371209 | 3761982 | 1.80 | 0.68 | 1.30 |
| 3712293761982 | 371229 | 3761982 | 1.52 | 0.61 | 1.09 |
| 3712493761982 | 371249 | 3761982 | 1.28 | 0.54 | 0.92 |
| 3712693761982 | 371269 | 3761982 | 1.09 | 0.49 | 0.78 |
| 3712893761982 | 371289 | 3761982 | 0.93 | 0.44 | 0.66 |
| 3713093761982 | 371309 | 3761982 | 0.80 | 0.39 | 0.57 |
| 3713293761982 | 371329 | 3761982 | 0.69 | 0.35 | 0.49 |
| 3713493761982 | 371349 | 3761982 | 0.59 | 0.31 | 0.42 |
| 3713693761982 | 371369 | 3761982 | 0.52 | 0.28 | 0.37 |
| 3713893761982 | 371389 | 3761982 | 0.44 | 0.26 | 0.31 |
| 3714093761982 | 371409 | 3761982 | 0.39 | 0.23 | 0.27 |
| 3714293761982 | 371429 | 3761982 | 0.35 | 0.21 | 0.25 |
| 3714493761982 | 371449 | 3761982 | 0.30 | 0.19 | 0.22 |
| 3708693762002 | 370869 | 3762002 | 1.90 | 1.79 | 3.02 |
| 3708893762002 | 370889 | 3762002 | 2.41 | 1.71 | 4.03 |
| 3709093762002 | 370909 | 3762002 | 3.14 | 1.65 | 5.31 |
| 3709293762002 | 370929 | 3762002 | 4.06 | 1.61 | 6.61 |
| 3709493762002 | 370949 | 3762002 | 5.06 | 1.58 | 7.57 |
| 3709693762002 | 370969 | 3762002 | 5.89 | 1.56 | 7.96 |
| 3709893762002 | 370989 | 3762002 | 6.40 | 1.53 | 7.79 |
| 3710093762002 | 371009 | 3762002 | 6.50 | 1.49 | 7.22 |
| 3710293762002 | 371029 | 3762002 | 6.30 | 1.44 | 6.45 |
| 3710493762002 | 371049 | 3762002 | 5.86 | 1.37 | 5.61 |
| 3710693762002 | 371069 | 3762002 | 5.29 | 1.30 | 4.79 |
| 3710893762002 | 371089 | 3762002 | 4.68 | 1.21 | 4.06 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3711093762002 | 371109 | 3762002 | 4.07 | 1.12 | 3.41 |
| 3711293762002 | 371129 | 3762002 | 3.51 | 1.02 | 2.86 |
| 3711493762002 | 371149 | 3762002 | 3.01 | 0.93 | 2.40 |
| 3711693762002 | 371169 | 3762002 | 2.57 | 0.85 | 2.02 |
| 3711893762002 | 371189 | 3762002 | 2.20 | 0.76 | 1.70 |
| 3712093762002 | 371209 | 3762002 | 1.88 | 0.69 | 1.43 |
| 3712293762002 | 371229 | 3762002 | 1.60 | 0.62 | 1.21 |
| 3712493762002 | 371249 | 3762002 | 1.37 | 0.56 | 1.03 |
| 3712693762002 | 371269 | 3762002 | 1.18 | 0.50 | 0.88 |
| 3712893762002 | 371289 | 3762002 | 1.01 | 0.45 | 0.75 |
| 3713093762002 | 371309 | 3762002 | 0.88 | 0.41 | 0.65 |
| 3713293762002 | 371329 | 3762002 | 0.75 | 0.37 | 0.55 |
| 3713493762002 | 371349 | 3762002 | 0.65 | 0.33 | 0.48 |
| 3713693762002 | 371369 | 3762002 | 0.57 | 0.30 | 0.42 |
| 3713893762002 | 371389 | 3762002 | 0.50 | 0.27 | 0.36 |
| 3714093762002 | 371409 | 3762002 | 0.44 | 0.25 | 0.32 |
| 3714293762002 | 371429 | 3762002 | 0.39 | 0.23 | 0.28 |
| 3714493762002 | 371449 | 3762002 | 0.35 | 0.21 | 0.25 |
| 3708693762022 | 370869 | 3762022 | 1.48 | 1.64 | 2.24 |
| 3708893762022 | 370889 | 3762022 | 1.82 | 1.56 | 2.87 |
| 3709093762022 | 370909 | 3762022 | 2.31 | 1.50 | 3.69 |
| 3709293762022 | 370929 | 3762022 | 2.93 | 1.45 | 4.57 |
| 3709493762022 | 370949 | 3762022 | 3.60 | 1.42 | 5.34 |
| 3709693762022 | 370969 | 3762022 | 4.23 | 1.39 | 5.82 |
| 3709893762022 | 370989 | 3762022 | 4.70 | 1.36 | 5.96 |
| 3710093762022 | 371009 | 3762022 | 4.96 | 1.33 | 5.80 |
| 3710293762022 | 371029 | 3762022 | 4.97 | 1.29 | 5.42 |
| 3710493762022 | 371049 | 3762022 | 4.81 | 1.24 | 4.92 |
| 3710693762022 | 371069 | 3762022 | 4.51 | 1.18 | 4.37 |
| 3710893762022 | 371089 | 3762022 | 4.12 | 1.12 | 3.82 |
| 3711093762022 | 371109 | 3762022 | 3.70 | 1.04 | 3.31 |
| 3711293762022 | 371129 | 3762022 | 3.28 | 0.97 | 2.85 |
| 3711493762022 | 371149 | 3762022 | 2.88 | 0.89 | 2.44 |
| 3711693762022 | 371169 | 3762022 | 2.52 | 0.82 | 2.09 |
| 3711893762022 | 371189 | 3762022 | 2.19 | 0.75 | 1.78 |
| 3712093762022 | 371209 | 3762022 | 1.90 | 0.68 | 1.53 |
| 3712293762022 | 371229 | 3762022 | 1.65 | 0.62 | 1.31 |
| 3712493762022 | 371249 | 3762022 | 1.43 | 0.57 | 1.12 |
| 3712693762022 | 371269 | 3762022 | 1.24 | 0.51 | 0.97 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3712893762022 | 371289 | 3762022 | 1.08 | 0.46 | 0.84 |
| 3713093762022 | 371309 | 3762022 | 0.94 | 0.42 | 0.72 |
| 3713293762022 | 371329 | 3762022 | 0.82 | 0.38 | 0.62 |
| 3713493762022 | 371349 | 3762022 | 0.71 | 0.35 | 0.54 |
| 3713693762022 | 371369 | 3762022 | 0.62 | 0.31 | 0.47 |
| 3713893762022 | 371389 | 3762022 | 0.55 | 0.29 | 0.41 |
| 3714093762022 | 371409 | 3762022 | 0.49 | 0.26 | 0.37 |
| 3714293762022 | 371429 | 3762022 | 0.43 | 0.24 | 0.32 |
| 3714493762022 | 371449 | 3762022 | 0.38 | 0.22 | 0.28 |
| 3708693762042 | 370869 | 3762042 | 1.18 | 1.51 | 1.71 |
| 3708893762042 | 370889 | 3762042 | 1.43 | 1.44 | 2.14 |
| 3709093762042 | 370909 | 3762042 | 1.76 | 1.37 | 2.69 |
| 3709293762042 | 370929 | 3762042 | 2.18 | 1.32 | 3.29 |
| 3709493762042 | 370949 | 3762042 | 2.66 | 1.29 | 3.87 |
| 3709693762042 | 370969 | 3762042 | 3.13 | 1.26 | 4.32 |
| 3709893762042 | 370989 | 3762042 | 3.53 | 1.23 | 4.57 |
| 3710093762042 | 371009 | 3762042 | 3.80 | 1.20 | 4.61 |
| 3710293762042 | 371029 | 3762042 | 3.93 | 1.17 | 4.48 |
| 3710493762042 | 371049 | 3762042 | 3.91 | 1.13 | 4.21 |
| 3710693762042 | 371069 | 3762042 | 3.78 | 1.08 | 3.87 |
| 3710893762042 | 371089 | 3762042 | 3.56 | 1.03 | 3.49 |
| 3711093762042 | 371109 | 3762042 | 3.29 | 0.98 | 3.11 |
| 3711293762042 | 371129 | 3762042 | 2.99 | 0.91 | 2.74 |
| 3711493762042 | 371149 | 3762042 | 2.69 | 0.85 | 2.40 |
| 3711693762042 | 371169 | 3762042 | 2.40 | 0.79 | 2.09 |
| 3711893762042 | 371189 | 3762042 | 2.13 | 0.73 | 1.82 |
| 3712093762042 | 371209 | 3762042 | 1.88 | 0.67 | 1.58 |
| 3712293762042 | 371229 | 3762042 | 1.65 | 0.62 | 1.37 |
| 3712493762042 | 371249 | 3762042 | 1.45 | 0.57 | 1.19 |
| 3712693762042 | 371269 | 3762042 | 1.28 | 0.52 | 1.04 |
| 3712893762042 | 371289 | 3762042 | 1.12 | 0.47 | 0.90 |
| 3713093762042 | 371309 | 3762042 | 0.99 | 0.43 | 0.79 |
| 3713293762042 | 371329 | 3762042 | 0.87 | 0.39 | 0.69 |
| 3713493762042 | 371349 | 3762042 | 0.77 | 0.36 | 0.60 |
| 3713693762042 | 371369 | 3762042 | 0.67 | 0.33 | 0.52 |
| 3713893762042 | 371389 | 3762042 | 0.59 | 0.30 | 0.46 |
| 3714093762042 | 371409 | 3762042 | 0.53 | 0.27 | 0.41 |
| 3714293762042 | 371429 | 3762042 | 0.47 | 0.25 | 0.36 |
| 3714493762042 | 371449 | 3762042 | 0.42 | 0.23 | 0.32 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708693762062 | 370869 | 3762062 | 0.96 | 1.40 | 1.34 |
| 3708893762062 | 370889 | 3762062 | 1.15 | 1.33 | 1.65 |
| 3709093762062 | 370909 | 3762062 | 1.38 | 1.27 | 2.02 |
| 3709293762062 | 370929 | 3762062 | 1.67 | 1.22 | 2.45 |
| 3709493762062 | 370949 | 3762062 | 2.02 | 1.18 | 2.88 |
| 3709693762062 | 370969 | 3762062 | 2.38 | 1.15 | 3.26 |
| 3709893762062 | 370989 | 3762062 | 2.70 | 1.12 | 3.52 |
| 3710093762062 | 371009 | 3762062 | 2.95 | 1.09 | 3.65 |
| 3710293762062 | 371029 | 3762062 | 3.11 | 1.06 | 3.66 |
| 3710493762062 | 371049 | 3762062 | 3.17 | 1.03 | 3.55 |
| 3710693762062 | 371069 | 3762062 | 3.15 | 0.99 | 3.36 |
| 3710893762062 | 371089 | 3762062 | 3.04 | 0.95 | 3.12 |
| 3711093762062 | 371109 | 3762062 | 2.88 | 0.91 | 2.85 |
| 3711293762062 | 371129 | 3762062 | 2.69 | 0.86 | 2.57 |
| 3711493762062 | 371149 | 3762062 | 2.47 | 0.81 | 2.30 |
| 3711693762062 | 371169 | 3762062 | 2.25 | 0.76 | 2.05 |
| 3711893762062 | 371189 | 3762062 | 2.03 | 0.71 | 1.81 |
| 3712093762062 | 371209 | 3762062 | 1.82 | 0.66 | 1.60 |
| 3712293762062 | 371229 | 3762062 | 1.63 | 0.61 | 1.40 |
| 3712493762062 | 371249 | 3762062 | 1.45 | 0.56 | 1.23 |
| 3712693762062 | 371269 | 3762062 | 1.29 | 0.52 | 1.08 |
| 3712893762062 | 371289 | 3762062 | 1.14 | 0.48 | 0.95 |
| 3713093762062 | 371309 | 3762062 | 1.02 | 0.44 | 0.84 |
| 3713293762062 | 371329 | 3762062 | 0.90 | 0.40 | 0.74 |
| 3713493762062 | 371349 | 3762062 | 0.80 | 0.37 | 0.65 |
| 3713693762062 | 371369 | 3762062 | 0.71 | 0.34 | 0.58 |
| 3713893762062 | 371389 | 3762062 | 0.63 | 0.31 | 0.51 |
| 3714093762062 | 371409 | 3762062 | 0.56 | 0.28 | 0.45 |
| 3714293762062 | 371429 | 3762062 | 0.50 | 0.26 | 0.40 |
| 3714493762062 | 371449 | 3762062 | 0.45 | 0.24 | 0.35 |
| 3708693762082 | 370869 | 3762082 | 0.79 | 1.30 | 1.07 |
| 3708893762082 | 370889 | 3762082 | 0.93 | 1.23 | 1.30 |
| 3709093762082 | 370909 | 3762082 | 1.11 | 1.18 | 1.57 |
| 3709293762082 | 370929 | 3762082 | 1.32 | 1.13 | 1.87 |
| 3709493762082 | 370949 | 3762082 | 1.57 | 1.09 | 2.19 |
| 3709693762082 | 370969 | 3762082 | 1.84 | 1.06 | 2.50 |
| 3709893762082 | 370989 | 3762082 | 2.10 | 1.03 | 2.75 |
| 3710093762082 | 371009 | 3762082 | 2.32 | 1.00 | 2.91 |
| 3710293762082 | 371029 | 3762082 | 2.48 | 0.97 | 2.97 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3710493762082 | 371049 | 3762082 | 2.58 | 0.95 | 2.97 |
| 3710693762082 | 371069 | 3762082 | 2.61 | 0.92 | 2.88 |
| 3710893762082 | 371089 | 3762082 | 2.58 | 0.88 | 2.74 |
| 3711093762082 | 371109 | 3762082 | 2.50 | 0.85 | 2.57 |
| 3711293762082 | 371129 | 3762082 | 2.38 | 0.81 | 2.37 |
| 3711493762082 | 371149 | 3762082 | 2.23 | 0.77 | 2.16 |
| 3711693762082 | 371169 | 3762082 | 2.07 | 0.72 | 1.96 |
| 3711893762082 | 371189 | 3762082 | 1.90 | 0.68 | 1.76 |
| 3712093762082 | 371209 | 3762082 | 1.73 | 0.64 | 1.58 |
| 3712293762082 | 371229 | 3762082 | 1.57 | 0.59 | 1.41 |
| 3712493762082 | 371249 | 3762082 | 1.42 | 0.55 | 1.25 |
| 3712693762082 | 371269 | 3762082 | 1.27 | 0.51 | 1.11 |
| 3712893762082 | 371289 | 3762082 | 1.14 | 0.47 | 0.99 |
| 3713093762082 | 371309 | 3762082 | 1.03 | 0.44 | 0.88 |
| 3713293762082 | 371329 | 3762082 | 0.92 | 0.41 | 0.78 |
| 3713493762082 | 371349 | 3762082 | 0.82 | 0.37 | 0.69 |
| 3713693762082 | 371369 | 3762082 | 0.74 | 0.34 | 0.61 |
| 3713893762082 | 371389 | 3762082 | 0.66 | 0.32 | 0.55 |
| 3714093762082 | 371409 | 3762082 | 0.59 | 0.29 | 0.49 |
| 3714293762082 | 371429 | 3762082 | 0.53 | 0.27 | 0.43 |
| 3714493762082 | 371449 | 3762082 | 0.48 | 0.25 | 0.39 |
| 3708693762102 | 370869 | 3762102 | 0.66 | 1.21 | 0.87 |
| 3708893762102 | 370889 | 3762102 | 0.77 | 1.15 | 1.04 |
| 3709093762102 | 370909 | 3762102 | 0.91 | 1.10 | 1.24 |
| 3709293762102 | 370929 | 3762102 | 1.07 | 1.05 | 1.47 |
| 3709493762102 | 370949 | 3762102 | 1.25 | 1.01 | 1.71 |
| 3709693762102 | 370969 | 3762102 | 1.45 | 0.98 | 1.95 |
| 3709893762102 | 370989 | 3762102 | 1.66 | 0.95 | 2.16 |
| 3710093762102 | 371009 | 3762102 | 1.85 | 0.93 | 2.33 |
| 3710293762102 | 371029 | 3762102 | 2.00 | 0.90 | 2.43 |
| 3710493762102 | 371049 | 3762102 | 2.11 | 0.88 | 2.47 |
| 3710693762102 | 371069 | 3762102 | 2.16 | 0.85 | 2.45 |
| 3710893762102 | 371089 | 3762102 | 2.17 | 0.82 | 2.38 |
| 3711093762102 | 371109 | 3762102 | 2.15 | 0.79 | 2.27 |
| 3711293762102 | 371129 | 3762102 | 2.09 | 0.76 | 2.14 |
| 3711493762102 | 371149 | 3762102 | 1.99 | 0.72 | 1.99 |
| 3711693762102 | 371169 | 3762102 | 1.88 | 0.69 | 1.84 |
| 3711893762102 | 371189 | 3762102 | 1.75 | 0.65 | 1.68 |
| 3712093762102 | 371209 | 3762102 | 1.62 | 0.61 | 1.53 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3712293762102 | 371229 | 3762102 | 1.49 | 0.58 | 1.38 |
| 3712493762102 | 371249 | 3762102 | 1.37 | 0.54 | 1.25 |
| 3712693762102 | 371269 | 3762102 | 1.24 | 0.50 | 1.12 |
| 3712893762102 | 371289 | 3762102 | 1.13 | 0.47 | 1.00 |
| 3713093762102 | 371309 | 3762102 | 1.02 | 0.44 | 0.90 |
| 3713293762102 | 371329 | 3762102 | 0.93 | 0.41 | 0.81 |
| 3713493762102 | 371349 | 3762102 | 0.84 | 0.38 | 0.72 |
| 3713693762102 | 371369 | 3762102 | 0.75 | 0.35 | 0.64 |
| 3713893762102 | 371389 | 3762102 | 0.68 | 0.32 | 0.58 |
| 3714093762102 | 371409 | 3762102 | 0.61 | 0.30 | 0.52 |
| 3714293762102 | 371429 | 3762102 | 0.55 | 0.28 | 0.46 |
| 3714493762102 | 371449 | 3762102 | 0.50 | 0.26 | 0.42 |
| 3708693762122 | 370869 | 3762122 | 0.56 | 1.12 | 0.72 |
| 3708893762122 | 370889 | 3762122 | 0.64 | 1.07 | 0.84 |
| 3709093762122 | 370909 | 3762122 | 0.75 | 1.02 | 1.00 |
| 3709293762122 | 370929 | 3762122 | 0.88 | 0.98 | 1.17 |
| 3709493762122 | 370949 | 3762122 | 1.02 | 0.94 | 1.36 |
| 3709693762122 | 370969 | 3762122 | 1.17 | 0.91 | 1.54 |
| 3709893762122 | 370989 | 3762122 | 1.33 | 0.88 | 1.73 |
| 3710093762122 | 371009 | 3762122 | 1.49 | 0.86 | 1.88 |
| 3710293762122 | 371029 | 3762122 | 1.63 | 0.84 | 1.99 |
| 3710493762122 | 371049 | 3762122 | 1.73 | 0.81 | 2.05 |
| 3710693762122 | 371069 | 3762122 | 1.80 | 0.79 | 2.07 |
| 3710893762122 | 371089 | 3762122 | 1.84 | 0.77 | 2.05 |
| 3711093762122 | 371109 | 3762122 | 1.84 | 0.74 | 2.00 |
| 3711293762122 | 371129 | 3762122 | 1.82 | 0.71 | 1.92 |
| 3711493762122 | 371149 | 3762122 | 1.76 | 0.68 | 1.81 |
| 3711693762122 | 371169 | 3762122 | 1.69 | 0.65 | 1.70 |
| 3711893762122 | 371189 | 3762122 | 1.60 | 0.62 | 1.58 |
| 3712093762122 | 371209 | 3762122 | 1.50 | 0.59 | 1.46 |
| 3712293762122 | 371229 | 3762122 | 1.40 | 0.56 | 1.34 |
| 3712493762122 | 371249 | 3762122 | 1.30 | 0.53 | 1.22 |
| 3712693762122 | 371269 | 3762122 | 1.20 | 0.49 | 1.11 |
| 3712893762122 | 371289 | 3762122 | 1.10 | 0.46 | 1.00 |
| 3713093762122 | 371309 | 3762122 | 1.01 | 0.43 | 0.91 |
| 3713293762122 | 371329 | 3762122 | 0.92 | 0.40 | 0.82 |
| 3713493762122 | 371349 | 3762122 | 0.84 | 0.38 | 0.74 |
| 3713693762122 | 371369 | 3762122 | 0.76 | 0.35 | 0.67 |
| 3713893762122 | 371389 | 3762122 | 0.69 | 0.33 | 0.60 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3714093762122 | 371409 | 3762122 | 0.63 | 0.30 | 0.54 |
| 3714293762122 | 371429 | 3762122 | 0.57 | 0.28 | 0.49 |
| 3714493762122 | 371449 | 3762122 | 0.52 | 0.26 | 0.44 |
| 3708693762142 | 370869 | 3762142 | 0.48 | 1.04 | 0.61 |
| 3708893762142 | 370889 | 3762142 | 0.54 | 0.99 | 0.70 |
| 3709093762142 | 370909 | 3762142 | 0.62 | 0.95 | 0.81 |
| 3709293762142 | 370929 | 3762142 | 0.73 | 0.91 | 0.96 |
| 3709493762142 | 370949 | 3762142 | 0.84 | 0.88 | 1.10 |
| 3709693762142 | 370969 | 3762142 | 0.96 | 0.85 | 1.24 |
| 3709893762142 | 370989 | 3762142 | 1.09 | 0.83 | 1.39 |
| 3710093762142 | 371009 | 3762142 | 1.22 | 0.80 | 1.53 |
| 3710293762142 | 371029 | 3762142 | 1.33 | 0.78 | 1.63 |
| 3710493762142 | 371049 | 3762142 | 1.42 | 0.76 | 1.70 |
| 3710693762142 | 371069 | 3762142 | 1.50 | 0.74 | 1.75 |
| 3710893762142 | 371089 | 3762142 | 1.55 | 0.72 | 1.76 |
| 3711093762142 | 371109 | 3762142 | 1.58 | 0.69 | 1.74 |
| 3711293762142 | 371129 | 3762142 | 1.58 | 0.67 | 1.70 |
| 3711493762142 | 371149 | 3762142 | 1.55 | 0.65 | 1.63 |
| 3711693762142 | 371169 | 3762142 | 1.51 | 0.62 | 1.55 |
| 3711893762142 | 371189 | 3762142 | 1.45 | 0.59 | 1.46 |
| 3712093762142 | 371209 | 3762142 | 1.38 | 0.57 | 1.37 |
| 3712293762142 | 371229 | 3762142 | 1.30 | 0.54 | 1.27 |
| 3712493762142 | 371249 | 3762142 | 1.22 | 0.51 | 1.18 |
| 3712693762142 | 371269 | 3762142 | 1.14 | 0.48 | 1.08 |
| 3712893762142 | 371289 | 3762142 | 1.06 | 0.45 | 0.99 |
| 3713093762142 | 371309 | 3762142 | 0.98 | 0.43 | 0.91 |
| 3713293762142 | 371329 | 3762142 | 0.90 | 0.40 | 0.83 |
| 3713493762142 | 371349 | 3762142 | 0.83 | 0.38 | 0.75 |
| 3713693762142 | 371369 | 3762142 | 0.76 | 0.35 | 0.68 |
| 3713893762142 | 371389 | 3762142 | 0.69 | 0.33 | 0.62 |
| 3714093762142 | 371409 | 3762142 | 0.64 | 0.31 | 0.56 |
| 3714293762142 | 371429 | 3762142 | 0.58 | 0.29 | 0.51 |
| 3714493762142 | 371449 | 3762142 | 0.53 | 0.27 | 0.46 |
| 3708693762162 | 370869 | 3762162 | 0.41 | 0.96 | 0.52 |
| 3708893762162 | 370889 | 3762162 | 0.47 | 0.92 | 0.59 |
| 3709093762162 | 370909 | 3762162 | 0.53 | 0.89 | 0.68 |
| 3709293762162 | 370929 | 3762162 | 0.61 | 0.85 | 0.79 |
| 3709493762162 | 370949 | 3762162 | 0.70 | 0.82 | 0.90 |
| 3709693762162 | 370969 | 3762162 | 0.79 | 0.80 | 1.02 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3709893762162 | 370989 | 3762162 | 0.90 | 0.77 | 1.14 |
| 3710093762162 | 371009 | 3762162 | 1.01 | 0.75 | 1.26 |
| 3710293762162 | 371029 | 3762162 | 1.10 | 0.73 | 1.35 |
| 3710493762162 | 371049 | 3762162 | 1.19 | 0.71 | 1.42 |
| 3710693762162 | 371069 | 3762162 | 1.26 | 0.69 | 1.48 |
| 3710893762162 | 371089 | 3762162 | 1.31 | 0.67 | 1.50 |
| 3711093762162 | 371109 | 3762162 | 1.35 | 0.65 | 1.51 |
| 3711293762162 | 371129 | 3762162 | 1.37 | 0.63 | 1.49 |
| 3711493762162 | 371149 | 3762162 | 1.36 | 0.61 | 1.46 |
| 3711693762162 | 371169 | 3762162 | 1.34 | 0.59 | 1.41 |
| 3711893762162 | 371189 | 3762162 | 1.30 | 0.56 | 1.34 |
| 3712093762162 | 371209 | 3762162 | 1.25 | 0.54 | 1.27 |
| 3712293762162 | 371229 | 3762162 | 1.20 | 0.52 | 1.20 |
| 3712493762162 | 371249 | 3762162 | 1.14 | 0.49 | 1.12 |
| 3712693762162 | 371269 | 3762162 | 1.07 | 0.47 | 1.04 |
| 3712893762162 | 371289 | 3762162 | 1.00 | 0.44 | 0.96 |
| 3713093762162 | 371309 | 3762162 | 0.94 | 0.42 | 0.89 |
| 3713293762162 | 371329 | 3762162 | 0.87 | 0.39 | 0.82 |
| 3713493762162 | 371349 | 3762162 | 0.81 | 0.37 | 0.75 |
| 3713693762162 | 371369 | 3762162 | 0.75 | 0.35 | 0.69 |
| 3713893762162 | 371389 | 3762162 | 0.69 | 0.33 | 0.63 |
| 3714093762162 | 371409 | 3762162 | 0.64 | 0.31 | 0.58 |
| 3714293762162 | 371429 | 3762162 | 0.58 | 0.29 | 0.52 |
| 3714493762162 | 371449 | 3762162 | 0.54 | 0.27 | 0.48 |
| 3708693762182 | 370869 | 3762182 | 0.36 | 0.89 | 0.44 |
| 3708893762182 | 370889 | 3762182 | 0.40 | 0.86 | 0.50 |
| 3709093762182 | 370909 | 3762182 | 0.46 | 0.82 | 0.58 |
| 3709293762182 | 370929 | 3762182 | 0.52 | 0.80 | 0.66 |
| 3709493762182 | 370949 | 3762182 | 0.59 | 0.77 | 0.75 |
| 3709693762182 | 370969 | 3762182 | 0.67 | 0.75 | 0.84 |
| 3709893762182 | 370989 | 3762182 | 0.75 | 0.72 | 0.94 |
| 3710093762182 | 371009 | 3762182 | 0.84 | 0.70 | 1.04 |
| 3710293762182 | 371029 | 3762182 | 0.92 | 0.68 | 1.12 |
| 3710493762182 | 371049 | 3762182 | 0.99 | 0.67 | 1.19 |
| 3710693762182 | 371069 | 3762182 | 1.06 | 0.65 | 1.25 |
| 3710893762182 | 371089 | 3762182 | 1.12 | 0.63 | 1.29 |
| 3711093762182 | 371109 | 3762182 | 1.16 | 0.61 | 1.31 |
| 3711293762182 | 371129 | 3762182 | 1.18 | 0.60 | 1.31 |
| 3711493762182 | 371149 | 3762182 | 1.19 | 0.58 | 1.30 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3711693762182 | 371169 | 3762182 | 1.19 | 0.56 | 1.26 |
| 3711893762182 | 371189 | 3762182 | 1.17 | 0.54 | 1.22 |
| 3712093762182 | 371209 | 3762182 | 1.14 | 0.52 | 1.17 |
| 3712293762182 | 371229 | 3762182 | 1.10 | 0.50 | 1.12 |
| 3712493762182 | 371249 | 3762182 | 1.05 | 0.47 | 1.05 |
| 3712693762182 | 371269 | 3762182 | 1.00 | 0.45 | 0.99 |
| 3712893762182 | 371289 | 3762182 | 0.95 | 0.43 | 0.93 |
| 3713093762182 | 371309 | 3762182 | 0.89 | 0.41 | 0.86 |
| 3713293762182 | 371329 | 3762182 | 0.84 | 0.39 | 0.80 |
| 3713493762182 | 371349 | 3762182 | 0.78 | 0.37 | 0.74 |
| 3713693762182 | 371369 | 3762182 | 0.73 | 0.35 | 0.69 |
| 3713893762182 | 371389 | 3762182 | 0.68 | 0.33 | 0.63 |
| 3714093762182 | 371409 | 3762182 | 0.63 | 0.31 | 0.58 |
| 3714293762182 | 371429 | 3762182 | 0.58 | 0.29 | 0.53 |
| 3714493762182 | 371449 | 3762182 | 0.54 | 0.27 | 0.49 |
| 3708693762202 | 370869 | 3762202 | 0.31 | 0.82 | 0.38 |
| 3708893762202 | 370889 | 3762202 | 0.35 | 0.79 | 0.43 |
| 3709093762202 | 370909 | 3762202 | 0.39 | 0.77 | 0.49 |
| 3709293762202 | 370929 | 3762202 | 0.45 | 0.74 | 0.56 |
| 3709493762202 | 370949 | 3762202 | 0.50 | 0.72 | 0.63 |
| 3709693762202 | 370969 | 3762202 | 0.56 | 0.70 | 0.70 |
| 3709893762202 | 370989 | 3762202 | 0.63 | 0.68 | 0.78 |
| 3710093762202 | 371009 | 3762202 | 0.71 | 0.66 | 0.87 |
| 3710293762202 | 371029 | 3762202 | 0.77 | 0.64 | 0.93 |
| 3710493762202 | 371049 | 3762202 | 0.84 | 0.63 | 1.01 |
| 3710693762202 | 371069 | 3762202 | 0.90 | 0.61 | 1.06 |
| 3710893762202 | 371089 | 3762202 | 0.95 | 0.59 | 1.10 |
| 3711093762202 | 371109 | 3762202 | 0.99 | 0.58 | 1.13 |
| 3711293762202 | 371129 | 3762202 | 1.03 | 0.56 | 1.15 |
| 3711493762202 | 371149 | 3762202 | 1.04 | 0.55 | 1.15 |
| 3711693762202 | 371169 | 3762202 | 1.05 | 0.53 | 1.13 |
| 3711893762202 | 371189 | 3762202 | 1.04 | 0.51 | 1.11 |
| 3712093762202 | 371209 | 3762202 | 1.02 | 0.49 | 1.07 |
| 3712293762202 | 371229 | 3762202 | 1.00 | 0.47 | 1.03 |
| 3712493762202 | 371249 | 3762202 | 0.96 | 0.46 | 0.98 |
| 3712693762202 | 371269 | 3762202 | 0.93 | 0.44 | 0.94 |
| 3712893762202 | 371289 | 3762202 | 0.89 | 0.42 | 0.88 |
| 3713093762202 | 371309 | 3762202 | 0.84 | 0.40 | 0.83 |
| 3713293762202 | 371329 | 3762202 | 0.80 | 0.38 | 0.78 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| XY | X | Y | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| | | | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3713493762202 | 371349 | 3762202 | 0.75 | 0.36 | 0.73 |
| 3713693762202 | 371369 | 3762202 | 0.70 | 0.34 | 0.68 |
| 3713893762202 | 371389 | 3762202 | 0.66 | 0.32 | 0.63 |
| 3714093762202 | 371409 | 3762202 | 0.62 | 0.31 | 0.58 |
| 3714293762202 | 371429 | 3762202 | 0.57 | 0.29 | 0.54 |
| 3714493762202 | 371449 | 3762202 | 0.53 | 0.27 | 0.50 |
| 3708693762222 | 370869 | 3762222 | 0.28 | 0.75 | 0.33 |
| 3708893762222 | 370889 | 3762222 | 0.30 | 0.73 | 0.37 |
| 3709093762222 | 370909 | 3762222 | 0.34 | 0.71 | 0.41 |
| 3709293762222 | 370929 | 3762222 | 0.38 | 0.69 | 0.47 |
| 3709493762222 | 370949 | 3762222 | 0.43 | 0.67 | 0.53 |
| 3709693762222 | 370969 | 3762222 | 0.48 | 0.65 | 0.59 |
| 3709893762222 | 370989 | 3762222 | 0.54 | 0.63 | 0.66 |
| 3710093762222 | 371009 | 3762222 | 0.60 | 0.62 | 0.73 |
| 3710293762222 | 371029 | 3762222 | 0.65 | 0.60 | 0.79 |
| 3710493762222 | 371049 | 3762222 | 0.71 | 0.59 | 0.85 |
| 3710693762222 | 371069 | 3762222 | 0.77 | 0.57 | 0.90 |
| 3710893762222 | 371089 | 3762222 | 0.81 | 0.56 | 0.94 |
| 3711093762222 | 371109 | 3762222 | 0.86 | 0.55 | 0.98 |
| 3711293762222 | 371129 | 3762222 | 0.89 | 0.53 | 1.00 |
| 3711493762222 | 371149 | 3762222 | 0.91 | 0.52 | 1.01 |
| 3711693762222 | 371169 | 3762222 | 0.92 | 0.50 | 1.01 |
| 3711893762222 | 371189 | 3762222 | 0.93 | 0.49 | 1.00 |
| 3712093762222 | 371209 | 3762222 | 0.92 | 0.47 | 0.98 |
| 3712293762222 | 371229 | 3762222 | 0.91 | 0.45 | 0.95 |
| 3712493762222 | 371249 | 3762222 | 0.88 | 0.44 | 0.91 |
| 3712693762222 | 371269 | 3762222 | 0.86 | 0.42 | 0.88 |
| 3712893762222 | 371289 | 3762222 | 0.82 | 0.40 | 0.83 |
| 3713093762222 | 371309 | 3762222 | 0.79 | 0.39 | 0.79 |
| 3713293762222 | 371329 | 3762222 | 0.75 | 0.37 | 0.75 |
| 3713493762222 | 371349 | 3762222 | 0.72 | 0.35 | 0.70 |
| 3713693762222 | 371369 | 3762222 | 0.68 | 0.33 | 0.66 |
| 3713893762222 | 371389 | 3762222 | 0.64 | 0.32 | 0.62 |
| 3714093762222 | 371409 | 3762222 | 0.60 | 0.30 | 0.57 |
| 3714293762222 | 371429 | 3762222 | 0.56 | 0.29 | 0.53 |
| 3714493762222 | 371449 | 3762222 | 0.53 | 0.27 | 0.50 |
| 3708693762242 | 370869 | 3762242 | 0.25 | 0.69 | 0.29 |
| 3708893762242 | 370889 | 3762242 | 0.27 | 0.67 | 0.32 |
| 3709093762242 | 370909 | 3762242 | 0.30 | 0.65 | 0.36 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3709293762242 | 370929 | 3762242 | 0.34 | 0.64 | 0.41 |
| 3709493762242 | 370949 | 3762242 | 0.37 | 0.62 | 0.45 |
| 3709693762242 | 370969 | 3762242 | 0.41 | 0.61 | 0.50 |
| 3709893762242 | 370989 | 3762242 | 0.46 | 0.59 | 0.56 |
| 3710093762242 | 371009 | 3762242 | 0.51 | 0.58 | 0.62 |
| 3710293762242 | 371029 | 3762242 | 0.56 | 0.57 | 0.67 |
| 3710493762242 | 371049 | 3762242 | 0.61 | 0.55 | 0.73 |
| 3710693762242 | 371069 | 3762242 | 0.66 | 0.54 | 0.78 |
| 3710893762242 | 371089 | 3762242 | 0.70 | 0.53 | 0.82 |
| 3711093762242 | 371109 | 3762242 | 0.74 | 0.51 | 0.85 |
| 3711293762242 | 371129 | 3762242 | 0.78 | 0.50 | 0.88 |
| 3711493762242 | 371149 | 3762242 | 0.80 | 0.49 | 0.89 |
| 3711693762242 | 371169 | 3762242 | 0.81 | 0.48 | 0.89 |
| 3711893762242 | 371189 | 3762242 | 0.82 | 0.46 | 0.89 |
| 3712093762242 | 371209 | 3762242 | 0.82 | 0.45 | 0.88 |
| 3712293762242 | 371229 | 3762242 | 0.82 | 0.43 | 0.87 |
| 3712493762242 | 371249 | 3762242 | 0.80 | 0.42 | 0.84 |
| 3712693762242 | 371269 | 3762242 | 0.79 | 0.40 | 0.81 |
| 3712893762242 | 371289 | 3762242 | 0.76 | 0.39 | 0.78 |
| 3713093762242 | 371309 | 3762242 | 0.74 | 0.37 | 0.75 |
| 3713293762242 | 371329 | 3762242 | 0.71 | 0.36 | 0.71 |
| 3713493762242 | 371349 | 3762242 | 0.68 | 0.34 | 0.68 |
| 3713693762242 | 371369 | 3762242 | 0.65 | 0.33 | 0.64 |
| 3713893762242 | 371389 | 3762242 | 0.61 | 0.31 | 0.60 |
| 3714093762242 | 371409 | 3762242 | 0.58 | 0.30 | 0.56 |
| 3714293762242 | 371429 | 3762242 | 0.55 | 0.28 | 0.53 |
| 3714493762242 | 371449 | 3762242 | 0.52 | 0.27 | 0.49 |
| 3708683761881 | 370868 | 3761881 | 20.33 | 4.54 | 80.59 |
| 3708733761881 | 370873 | 3761881 | 23.86 | 4.63 | 107.17 |
| 3708783761881 | 370878 | 3761881 | 28.22 | 4.74 | 144.18 |
| 3708833761881 | 370883 | 3761881 | 33.58 | 4.87 | 189.18 |
| 3708883761881 | 370888 | 3761881 | 39.95 | 5.00 | 226.96 |
| 3708683761886 | 370868 | 3761886 | 18.03 | 4.24 | 66.10 |
| 3708733761886 | 370873 | 3761886 | 21.00 | 4.31 | 85.97 |
| 3708783761886 | 370878 | 3761886 | 24.66 | 4.39 | 113.64 |
| 3708833761886 | 370883 | 3761886 | 29.17 | 4.48 | 149.75 |
| 3708883761886 | 370888 | 3761886 | 34.59 | 4.58 | 187.95 |
| 3708683761891 | 370868 | 3761891 | 15.93 | 3.99 | 53.79 |
| 3708733761891 | 370873 | 3761891 | 18.40 | 4.03 | 68.49 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**AERMOD Concentrations**

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m$^3$) @ 1g/s | | |
| 3708783761891 | 370878 | 3761891 | 21.42 | 4.08 | 88.34 |
| 3708833761891 | 370883 | 3761891 | 25.13 | 4.14 | 114.55 |
| 3708883761891 | 370888 | 3761891 | 29.61 | 4.22 | 146.17 |
| 3708683761896 | 370868 | 3761896 | 14.03 | 3.75 | 43.87 |
| 3708733761896 | 370873 | 3761896 | 16.09 | 3.79 | 54.63 |
| 3708783761896 | 370878 | 3761896 | 18.56 | 3.82 | 68.77 |
| 3708833761896 | 370883 | 3761896 | 21.57 | 3.87 | 87.16 |
| 3708883761896 | 370888 | 3761896 | 25.20 | 3.93 | 110.54 |
| 3708683761901 | 370868 | 3761901 | 12.35 | 3.55 | 35.96 |
| 3708733761901 | 370873 | 3761901 | 14.06 | 3.57 | 43.92 |
| 3708783761901 | 370878 | 3761901 | 16.08 | 3.60 | 54.11 |
| 3708833761901 | 370883 | 3761901 | 18.51 | 3.63 | 67.11 |
| 3708883761901 | 370888 | 3761901 | 21.44 | 3.67 | 83.63 |
| 370957.913761837.06 | 370957.9 | 3761837 | 30.55 | 9.79 | 5.42 |
| 370912.33761897.47 | 370912.3 | 3761897 | 50.74 | 4.15 | 162.41 |
| 370883.713761858.17 | 370883.7 | 3761858 | 50.28 | 8.23 | 234.56 |
| 370880.193761853.48 | 370880.2 | 3761853 | 46.39 | 9.17 | 210.53 |
| 370875.943761845.85 | 370875.9 | 3761846 | 41.16 | 11.42 | 143.51 |
| 370873.743761839.4 | 370873.7 | 3761839 | 38.08 | 14.67 | 81.31 |
| 370872.133761830.75 | 370872.1 | 3761831 | 33.70 | 12.13 | 52.16 |
| 370912.753761819.75 | 370912.8 | 3761820 | 27.56 | 20.67 | 7.25 |
| 370924.923761817.11 | 370924.9 | 3761817 | 19.60 | 20.82 | 4.70 |
| 370931.373761818.14 | 370931.4 | 3761818 | 16.68 | 22.12 | 4.20 |
| 370936.353761821.07 | 370936.4 | 3761821 | 16.60 | 23.39 | 4.26 |

Spatial Average Receptors, 20 x 20 grid with 5 meter spacing

| | | | Offroad | Haul | Idle |
|---|---|---|---|---|---|
| XY | X | Y | AERMOD Concentration (µg/m3) @ 1g/s | | |

**3rd Trimester Age Bin**

| Parameter | | Age Bins | |
|---|---|---|---|
| | | 3rd Tri | 0 < 2 |
| DBR | Daily Breathing Rate (L/kg (body weight) per day) | 361 | 1090 |
| A | Inhalation absorption factor (default = 1). | 1 | 1 |
| EF | Exposure Frequency unitless (days/days) | 0.96 | 0.96 |
| ED | Exposure Duration (years) | 0.25 | 1.91 |
| FAH | Fraction of Time at Home | 1.00 | 1.00 |
| AT | Averaged Exposure Time Period (years) | 70 | 70 |
| ASF | Age Sensitvity Factor | 10 | 10 |
| CF | Conversion Factor | 1.00E-06 | 1.00E-06 |
| **DOSE** | **[= CONC × DBR × A × EF × CF] (mg/kg-day)** | | |
| CPF | Cancer Potency Factor (mg/kg-day)$^{-1}$ | 1.1 | 1.1 |
| | Diesel Particulate Matter | | |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370837.00 | 3761841.00 | 7.16E-03 | 2.70E-04 | 1.65E-04 |
| 370842.00 | 3761841.00 | 8.29E-03 | 2.85E-04 | 2.06E-04 |
| 370847.00 | 3761841.00 | 9.67E-03 | 3.05E-04 | 2.64E-04 |
| 370852.00 | 3761841.00 | 1.14E-02 | 3.31E-04 | 3.46E-04 |
| 370857.00 | 3761841.00 | 1.35E-02 | 3.66E-04 | 4.58E-04 |
| 370817.00 | 3761846.00 | 4.30E-03 | 2.35E-04 | 8.18E-05 |
| 370832.00 | 3761846.00 | 6.16E-03 | 2.46E-04 | 1.36E-04 |
| 370837.00 | 3761846.00 | 7.07E-03 | 2.54E-04 | 1.66E-04 |
| 370842.00 | 3761846.00 | 8.18E-03 | 2.65E-04 | 2.08E-04 |
| 370847.00 | 3761846.00 | 9.54E-03 | 2.80E-04 | 2.66E-04 |
| 370852.00 | 3761846.00 | 1.12E-02 | 3.00E-04 | 3.50E-04 |
| 370857.00 | 3761846.00 | 1.33E-02 | 3.23E-04 | 4.66E-04 |
| 370862.00 | 3761846.00 | 1.58E-02 | 3.52E-04 | 6.05E-04 |
| 370797.00 | 3761851.00 | 2.81E-03 | 2.34E-04 | 4.71E-05 |
| 370802.00 | 3761851.00 | 3.09E-03 | 2.30E-04 | 5.32E-05 |
| 370807.00 | 3761851.00 | 3.41E-03 | 2.27E-04 | 6.06E-05 |
| 370812.00 | 3761851.00 | 3.77E-03 | 2.25E-04 | 6.96E-05 |
| 370817.00 | 3761851.00 | 4.21E-03 | 2.25E-04 | 8.07E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370837.00 | 3761841.00 | 2.48E-06 | 9.36E-08 | 5.71E-08 |
| 370842.00 | 3761841.00 | 2.87E-06 | 9.87E-08 | 7.14E-08 |
| 370847.00 | 3761841.00 | 3.35E-06 | 1.06E-07 | 9.13E-08 |
| 370852.00 | 3761841.00 | 3.94E-06 | 1.15E-07 | 1.20E-07 |
| 370857.00 | 3761841.00 | 4.66E-06 | 1.27E-07 | 1.59E-07 |
| 370817.00 | 3761846.00 | 1.49E-06 | 8.13E-08 | 2.83E-08 |
| 370832.00 | 3761846.00 | 2.13E-06 | 8.50E-08 | 4.70E-08 |
| 370837.00 | 3761846.00 | 2.45E-06 | 8.79E-08 | 5.76E-08 |
| 370842.00 | 3761846.00 | 2.83E-06 | 9.19E-08 | 7.21E-08 |
| 370847.00 | 3761846.00 | 3.30E-06 | 9.71E-08 | 9.22E-08 |
| 370852.00 | 3761846.00 | 3.89E-06 | 1.04E-07 | 1.21E-07 |
| 370857.00 | 3761846.00 | 4.61E-06 | 1.12E-07 | 1.61E-07 |
| 370862.00 | 3761846.00 | 5.47E-06 | 1.22E-07 | 2.10E-07 |
| 370797.00 | 3761851.00 | 9.73E-07 | 8.08E-08 | 1.63E-08 |
| 370802.00 | 3761851.00 | 1.07E-06 | 7.95E-08 | 1.84E-08 |
| 370807.00 | 3761851.00 | 1.18E-06 | 7.85E-08 | 2.10E-08 |
| 370812.00 | 3761851.00 | 1.31E-06 | 7.79E-08 | 2.41E-08 |
| 370817.00 | 3761851.00 | 1.46E-06 | 7.78E-08 | 2.79E-08 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370837.00 | 3761851.00 | 6.89E-03 | 2.39E-04 | 1.64E-04 |
| 370842.00 | 3761851.00 | 7.95E-03 | 2.47E-04 | 2.04E-04 |
| 370847.00 | 3761851.00 | 9.27E-03 | 2.58E-04 | 2.60E-04 |
| 370852.00 | 3761851.00 | 1.09E-02 | 2.72E-04 | 3.39E-04 |
| 370857.00 | 3761851.00 | 1.29E-02 | 2.88E-04 | 4.52E-04 |
| 370862.00 | 3761851.00 | 1.53E-02 | 3.08E-04 | 6.01E-04 |
| 370777.00 | 3761856.00 | 1.96E-03 | 2.52E-04 | 2.99E-05 |
| 370782.00 | 3761856.00 | 2.12E-03 | 2.43E-04 | 3.30E-05 |
| 370787.00 | 3761856.00 | 2.30E-03 | 2.36E-04 | 3.67E-05 |
| 370792.00 | 3761856.00 | 2.50E-03 | 2.30E-04 | 4.10E-05 |
| 370797.00 | 3761856.00 | 2.74E-03 | 2.25E-04 | 4.60E-05 |
| 370802.00 | 3761856.00 | 3.00E-03 | 2.21E-04 | 5.20E-05 |
| 370807.00 | 3761856.00 | 3.31E-03 | 2.18E-04 | 5.91E-05 |
| 370812.00 | 3761856.00 | 3.67E-03 | 2.16E-04 | 6.78E-05 |
| 370817.00 | 3761856.00 | 4.08E-03 | 2.15E-04 | 7.85E-05 |
| 370822.00 | 3761856.00 | 4.56E-03 | 2.15E-04 | 9.17E-05 |
| 370837.00 | 3761856.00 | 6.63E-03 | 2.24E-04 | 1.58E-04 |
| 370842.00 | 3761856.00 | 7.64E-03 | 2.31E-04 | 1.95E-04 |
| 370847.00 | 3761856.00 | 8.87E-03 | 2.39E-04 | 2.47E-04 |
| 370852.00 | 3761856.00 | 1.04E-02 | 2.48E-04 | 3.19E-04 |
| 370857.00 | 3761856.00 | 1.22E-02 | 2.60E-04 | 4.22E-04 |
| 370862.00 | 3761856.00 | 1.45E-02 | 2.73E-04 | 5.66E-04 |
| 370867.00 | 3761856.00 | 1.72E-02 | 2.89E-04 | 7.41E-04 |
| 370757.00 | 3761861.00 | 1.43E-03 | 2.88E-04 | 2.03E-05 |
| 370762.00 | 3761861.00 | 1.53E-03 | 2.74E-04 | 2.21E-05 |
| 370767.00 | 3761861.00 | 1.64E-03 | 2.63E-04 | 2.41E-05 |
| 370772.00 | 3761861.00 | 1.77E-03 | 2.52E-04 | 2.64E-05 |
| 370777.00 | 3761861.00 | 1.90E-03 | 2.42E-04 | 2.91E-05 |
| 370782.00 | 3761861.00 | 2.06E-03 | 2.34E-04 | 3.21E-05 |
| 370787.00 | 3761861.00 | 2.23E-03 | 2.27E-04 | 3.56E-05 |
| 370792.00 | 3761861.00 | 2.43E-03 | 2.21E-04 | 3.97E-05 |
| 370797.00 | 3761861.00 | 2.65E-03 | 2.16E-04 | 4.46E-05 |
| 370802.00 | 3761861.00 | 2.91E-03 | 2.12E-04 | 5.03E-05 |
| 370807.00 | 3761861.00 | 3.20E-03 | 2.09E-04 | 5.71E-05 |
| 370812.00 | 3761861.00 | 3.54E-03 | 2.07E-04 | 6.54E-05 |
| 370817.00 | 3761861.00 | 3.93E-03 | 2.06E-04 | 7.54E-05 |
| 370822.00 | 3761861.00 | 4.39E-03 | 2.05E-04 | 8.79E-05 |
| 370842.00 | 3761861.00 | 7.25E-03 | 2.16E-04 | 1.83E-04 |
| 370847.00 | 3761861.00 | 8.39E-03 | 2.22E-04 | 2.29E-04 |
| 370852.00 | 3761861.00 | 9.78E-03 | 2.29E-04 | 2.93E-04 |
| 370857.00 | 3761861.00 | 1.15E-02 | 2.36E-04 | 3.84E-04 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370837.00 | 3761851.00 | 2.38E-06 | 8.26E-08 | 5.67E-08 |
| 370842.00 | 3761851.00 | 2.75E-06 | 8.56E-08 | 7.06E-08 |
| 370847.00 | 3761851.00 | 3.21E-06 | 8.94E-08 | 9.00E-08 |
| 370852.00 | 3761851.00 | 3.77E-06 | 9.41E-08 | 1.17E-07 |
| 370857.00 | 3761851.00 | 4.46E-06 | 9.97E-08 | 1.57E-07 |
| 370862.00 | 3761851.00 | 5.29E-06 | 1.06E-07 | 2.08E-07 |
| 370777.00 | 3761856.00 | 6.78E-07 | 8.71E-08 | 1.04E-08 |
| 370782.00 | 3761856.00 | 7.33E-07 | 8.41E-08 | 1.14E-08 |
| 370787.00 | 3761856.00 | 7.96E-07 | 8.16E-08 | 1.27E-08 |
| 370792.00 | 3761856.00 | 8.67E-07 | 7.95E-08 | 1.42E-08 |
| 370797.00 | 3761856.00 | 9.48E-07 | 7.78E-08 | 1.59E-08 |
| 370802.00 | 3761856.00 | 1.04E-06 | 7.64E-08 | 1.80E-08 |
| 370807.00 | 3761856.00 | 1.15E-06 | 7.54E-08 | 2.05E-08 |
| 370812.00 | 3761856.00 | 1.27E-06 | 7.47E-08 | 2.35E-08 |
| 370817.00 | 3761856.00 | 1.41E-06 | 7.44E-08 | 2.72E-08 |
| 370822.00 | 3761856.00 | 1.58E-06 | 7.45E-08 | 3.17E-08 |
| 370837.00 | 3761856.00 | 2.30E-06 | 7.77E-08 | 5.45E-08 |
| 370842.00 | 3761856.00 | 2.64E-06 | 7.98E-08 | 6.75E-08 |
| 370847.00 | 3761856.00 | 3.07E-06 | 8.26E-08 | 8.55E-08 |
| 370852.00 | 3761856.00 | 3.60E-06 | 8.60E-08 | 1.11E-07 |
| 370857.00 | 3761856.00 | 4.24E-06 | 8.99E-08 | 1.46E-07 |
| 370862.00 | 3761856.00 | 5.02E-06 | 9.45E-08 | 1.96E-07 |
| 370867.00 | 3761856.00 | 5.95E-06 | 9.99E-08 | 2.57E-07 |
| 370757.00 | 3761861.00 | 4.95E-07 | 9.95E-08 | 7.04E-09 |
| 370762.00 | 3761861.00 | 5.30E-07 | 9.50E-08 | 7.65E-09 |
| 370767.00 | 3761861.00 | 5.68E-07 | 9.09E-08 | 8.36E-09 |
| 370772.00 | 3761861.00 | 6.11E-07 | 8.72E-08 | 9.15E-09 |
| 370777.00 | 3761861.00 | 6.59E-07 | 8.39E-08 | 1.01E-08 |
| 370782.00 | 3761861.00 | 7.13E-07 | 8.11E-08 | 1.11E-08 |
| 370787.00 | 3761861.00 | 7.73E-07 | 7.87E-08 | 1.23E-08 |
| 370792.00 | 3761861.00 | 8.41E-07 | 7.66E-08 | 1.38E-08 |
| 370797.00 | 3761861.00 | 9.19E-07 | 7.49E-08 | 1.54E-08 |
| 370802.00 | 3761861.00 | 1.01E-06 | 7.35E-08 | 1.74E-08 |
| 370807.00 | 3761861.00 | 1.11E-06 | 7.24E-08 | 1.98E-08 |
| 370812.00 | 3761861.00 | 1.22E-06 | 7.16E-08 | 2.26E-08 |
| 370817.00 | 3761861.00 | 1.36E-06 | 7.12E-08 | 2.61E-08 |
| 370822.00 | 3761861.00 | 1.52E-06 | 7.11E-08 | 3.04E-08 |
| 370842.00 | 3761861.00 | 2.51E-06 | 7.47E-08 | 6.33E-08 |
| 370847.00 | 3761861.00 | 2.90E-06 | 7.67E-08 | 7.94E-08 |
| 370852.00 | 3761861.00 | 3.39E-06 | 7.91E-08 | 1.02E-07 |
| 370857.00 | 3761861.00 | 3.97E-06 | 8.19E-08 | 1.33E-07 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370862.00 | 3761861.00 | 1.35E-02 | 2.46E-04 | 5.13E-04 |
| 370867.00 | 3761861.00 | 1.60E-02 | 2.56E-04 | 6.90E-04 |
| 370872.00 | 3761861.00 | 1.90E-02 | 2.70E-04 | 8.88E-04 |
| 370757.00 | 3761866.00 | 1.39E-03 | 2.76E-04 | 1.97E-05 |
| 370762.00 | 3761866.00 | 1.49E-03 | 2.64E-04 | 2.15E-05 |
| 370767.00 | 3761866.00 | 1.59E-03 | 2.53E-04 | 2.34E-05 |
| 370772.00 | 3761866.00 | 1.71E-03 | 2.42E-04 | 2.56E-05 |
| 370777.00 | 3761866.00 | 1.85E-03 | 2.33E-04 | 2.81E-05 |
| 370782.00 | 3761866.00 | 1.99E-03 | 2.26E-04 | 3.10E-05 |
| 370787.00 | 3761866.00 | 2.16E-03 | 2.19E-04 | 3.44E-05 |
| 370792.00 | 3761866.00 | 2.35E-03 | 2.13E-04 | 3.83E-05 |
| 370797.00 | 3761866.00 | 2.56E-03 | 2.08E-04 | 4.28E-05 |
| 370802.00 | 3761866.00 | 2.80E-03 | 2.04E-04 | 4.82E-05 |
| 370807.00 | 3761866.00 | 3.08E-03 | 2.01E-04 | 5.46E-05 |
| 370812.00 | 3761866.00 | 3.39E-03 | 1.98E-04 | 6.24E-05 |
| 370817.00 | 3761866.00 | 3.76E-03 | 1.97E-04 | 7.17E-05 |
| 370822.00 | 3761866.00 | 4.19E-03 | 1.96E-04 | 8.33E-05 |
| 370842.00 | 3761866.00 | 6.82E-03 | 2.03E-04 | 1.69E-04 |
| 370847.00 | 3761866.00 | 7.85E-03 | 2.07E-04 | 2.09E-04 |
| 370852.00 | 3761866.00 | 9.11E-03 | 2.12E-04 | 2.65E-04 |
| 370857.00 | 3761866.00 | 1.06E-02 | 2.17E-04 | 3.42E-04 |
| 370862.00 | 3761866.00 | 1.25E-02 | 2.24E-04 | 4.53E-04 |
| 370867.00 | 3761866.00 | 1.48E-02 | 2.32E-04 | 6.12E-04 |
| 370872.00 | 3761866.00 | 1.75E-02 | 2.41E-04 | 8.21E-04 |
| 370757.00 | 3761871.00 | 1.35E-03 | 2.65E-04 | 1.91E-05 |
| 370762.00 | 3761871.00 | 1.44E-03 | 2.54E-04 | 2.07E-05 |
| 370767.00 | 3761871.00 | 1.54E-03 | 2.43E-04 | 2.26E-05 |
| 370772.00 | 3761871.00 | 1.66E-03 | 2.33E-04 | 2.47E-05 |
| 370777.00 | 3761871.00 | 1.78E-03 | 2.25E-04 | 2.71E-05 |
| 370782.00 | 3761871.00 | 1.92E-03 | 2.17E-04 | 2.98E-05 |
| 370787.00 | 3761871.00 | 2.08E-03 | 2.11E-04 | 3.30E-05 |
| 370792.00 | 3761871.00 | 2.26E-03 | 2.05E-04 | 3.66E-05 |
| 370797.00 | 3761871.00 | 2.46E-03 | 2.00E-04 | 4.09E-05 |
| 370802.00 | 3761871.00 | 2.68E-03 | 1.96E-04 | 4.59E-05 |
| 370807.00 | 3761871.00 | 2.94E-03 | 1.93E-04 | 5.19E-05 |
| 370812.00 | 3761871.00 | 3.24E-03 | 1.90E-04 | 5.90E-05 |
| 370817.00 | 3761871.00 | 3.58E-03 | 1.89E-04 | 6.76E-05 |
| 370822.00 | 3761871.00 | 3.97E-03 | 1.87E-04 | 7.81E-05 |
| 370827.00 | 3761871.00 | 4.44E-03 | 1.87E-04 | 9.10E-05 |
| 370847.00 | 3761871.00 | 7.29E-03 | 1.94E-04 | 1.88E-04 |
| 370852.00 | 3761871.00 | 8.40E-03 | 1.97E-04 | 2.35E-04 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370862.00 | 3761861.00 | 4.69E-06 | 8.50E-08 | 1.78E-07 |
| 370867.00 | 3761861.00 | 5.55E-06 | 8.88E-08 | 2.39E-07 |
| 370872.00 | 3761861.00 | 6.58E-06 | 9.34E-08 | 3.07E-07 |
| 370757.00 | 3761866.00 | 4.81E-07 | 9.55E-08 | 6.83E-09 |
| 370762.00 | 3761866.00 | 5.15E-07 | 9.13E-08 | 7.43E-09 |
| 370767.00 | 3761866.00 | 5.52E-07 | 8.75E-08 | 8.10E-09 |
| 370772.00 | 3761866.00 | 5.93E-07 | 8.39E-08 | 8.86E-09 |
| 370777.00 | 3761866.00 | 6.39E-07 | 8.08E-08 | 9.74E-09 |
| 370782.00 | 3761866.00 | 6.90E-07 | 7.81E-08 | 1.07E-08 |
| 370787.00 | 3761866.00 | 7.48E-07 | 7.58E-08 | 1.19E-08 |
| 370792.00 | 3761866.00 | 8.12E-07 | 7.38E-08 | 1.32E-08 |
| 370797.00 | 3761866.00 | 8.86E-07 | 7.21E-08 | 1.48E-08 |
| 370802.00 | 3761866.00 | 9.69E-07 | 7.06E-08 | 1.67E-08 |
| 370807.00 | 3761866.00 | 1.06E-06 | 6.95E-08 | 1.89E-08 |
| 370812.00 | 3761866.00 | 1.17E-06 | 6.87E-08 | 2.16E-08 |
| 370817.00 | 3761866.00 | 1.30E-06 | 6.81E-08 | 2.48E-08 |
| 370822.00 | 3761866.00 | 1.45E-06 | 6.79E-08 | 2.88E-08 |
| 370842.00 | 3761866.00 | 2.36E-06 | 7.01E-08 | 5.84E-08 |
| 370847.00 | 3761866.00 | 2.72E-06 | 7.15E-08 | 7.25E-08 |
| 370852.00 | 3761866.00 | 3.15E-06 | 7.33E-08 | 9.16E-08 |
| 370857.00 | 3761866.00 | 3.68E-06 | 7.53E-08 | 1.19E-07 |
| 370862.00 | 3761866.00 | 4.32E-06 | 7.76E-08 | 1.57E-07 |
| 370867.00 | 3761866.00 | 5.11E-06 | 8.02E-08 | 2.12E-07 |
| 370872.00 | 3761866.00 | 6.06E-06 | 8.34E-08 | 2.84E-07 |
| 370757.00 | 3761871.00 | 4.67E-07 | 9.19E-08 | 6.61E-09 |
| 370762.00 | 3761871.00 | 4.99E-07 | 8.78E-08 | 7.18E-09 |
| 370767.00 | 3761871.00 | 5.34E-07 | 8.42E-08 | 7.82E-09 |
| 370772.00 | 3761871.00 | 5.74E-07 | 8.08E-08 | 8.54E-09 |
| 370777.00 | 3761871.00 | 6.17E-07 | 7.79E-08 | 9.37E-09 |
| 370782.00 | 3761871.00 | 6.66E-07 | 7.53E-08 | 1.03E-08 |
| 370787.00 | 3761871.00 | 7.20E-07 | 7.30E-08 | 1.14E-08 |
| 370792.00 | 3761871.00 | 7.81E-07 | 7.11E-08 | 1.27E-08 |
| 370797.00 | 3761871.00 | 8.51E-07 | 6.94E-08 | 1.42E-08 |
| 370802.00 | 3761871.00 | 9.29E-07 | 6.80E-08 | 1.59E-08 |
| 370807.00 | 3761871.00 | 1.02E-06 | 6.68E-08 | 1.80E-08 |
| 370812.00 | 3761871.00 | 1.12E-06 | 6.59E-08 | 2.04E-08 |
| 370817.00 | 3761871.00 | 1.24E-06 | 6.53E-08 | 2.34E-08 |
| 370822.00 | 3761871.00 | 1.38E-06 | 6.49E-08 | 2.70E-08 |
| 370827.00 | 3761871.00 | 1.54E-06 | 6.48E-08 | 3.15E-08 |
| 370847.00 | 3761871.00 | 2.52E-06 | 6.70E-08 | 6.53E-08 |
| 370852.00 | 3761871.00 | 2.91E-06 | 6.82E-08 | 8.15E-08 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370857.00 | 3761871.00 | 9.75E-03 | 2.01E-04 | 3.00E-04 |
| 370862.00 | 3761871.00 | 1.14E-02 | 2.06E-04 | 3.92E-04 |
| 370867.00 | 3761871.00 | 1.34E-02 | 2.12E-04 | 5.25E-04 |
| 370872.00 | 3761871.00 | 1.59E-02 | 2.18E-04 | 7.13E-04 |
| 370877.00 | 3761871.00 | 1.89E-02 | 2.25E-04 | 9.46E-04 |
| 370757.00 | 3761876.00 | 1.30E-03 | 2.55E-04 | 1.84E-05 |
| 370762.00 | 3761876.00 | 1.39E-03 | 2.44E-04 | 2.00E-05 |
| 370767.00 | 3761876.00 | 1.49E-03 | 2.34E-04 | 2.17E-05 |
| 370772.00 | 3761876.00 | 1.60E-03 | 2.25E-04 | 2.37E-05 |
| 370777.00 | 3761876.00 | 1.72E-03 | 2.17E-04 | 2.59E-05 |
| 370782.00 | 3761876.00 | 1.85E-03 | 2.10E-04 | 2.85E-05 |
| 370787.00 | 3761876.00 | 2.00E-03 | 2.03E-04 | 3.15E-05 |
| 370792.00 | 3761876.00 | 2.16E-03 | 1.98E-04 | 3.49E-05 |
| 370797.00 | 3761876.00 | 2.35E-03 | 1.93E-04 | 3.88E-05 |
| 370802.00 | 3761876.00 | 2.56E-03 | 1.89E-04 | 4.35E-05 |
| 370807.00 | 3761876.00 | 2.80E-03 | 1.86E-04 | 4.89E-05 |
| 370812.00 | 3761876.00 | 3.07E-03 | 1.83E-04 | 5.54E-05 |
| 370817.00 | 3761876.00 | 3.39E-03 | 1.81E-04 | 6.32E-05 |
| 370822.00 | 3761876.00 | 3.75E-03 | 1.80E-04 | 7.26E-05 |
| 370827.00 | 3761876.00 | 4.17E-03 | 1.79E-04 | 8.41E-05 |
| 370847.00 | 3761876.00 | 6.72E-03 | 1.82E-04 | 1.68E-04 |
| 370852.00 | 3761876.00 | 7.69E-03 | 1.84E-04 | 2.07E-04 |
| 370857.00 | 3761876.00 | 8.88E-03 | 1.87E-04 | 2.60E-04 |
| 370862.00 | 3761876.00 | 1.03E-02 | 1.91E-04 | 3.35E-04 |
| 370867.00 | 3761876.00 | 1.21E-02 | 1.95E-04 | 4.42E-04 |
| 370872.00 | 3761876.00 | 1.42E-02 | 1.99E-04 | 5.96E-04 |
| 370877.00 | 3761876.00 | 1.69E-02 | 2.05E-04 | 8.06E-04 |
| 370882.00 | 3761876.00 | 2.01E-02 | 2.12E-04 | 1.04E-03 |
| 370757.00 | 3761881.00 | 1.26E-03 | 2.46E-04 | 1.77E-05 |
| 370762.00 | 3761881.00 | 1.34E-03 | 2.35E-04 | 1.92E-05 |
| 370767.00 | 3761881.00 | 1.44E-03 | 2.25E-04 | 2.08E-05 |
| 370772.00 | 3761881.00 | 1.54E-03 | 2.17E-04 | 2.27E-05 |
| 370777.00 | 3761881.00 | 1.65E-03 | 2.09E-04 | 2.48E-05 |
| 370782.00 | 3761881.00 | 1.77E-03 | 2.02E-04 | 2.71E-05 |
| 370787.00 | 3761881.00 | 1.91E-03 | 1.96E-04 | 2.99E-05 |
| 370792.00 | 3761881.00 | 2.07E-03 | 1.91E-04 | 3.30E-05 |
| 370797.00 | 3761881.00 | 2.24E-03 | 1.86E-04 | 3.66E-05 |
| 370802.00 | 3761881.00 | 2.44E-03 | 1.82E-04 | 4.09E-05 |
| 370807.00 | 3761881.00 | 2.66E-03 | 1.79E-04 | 4.58E-05 |
| 370812.00 | 3761881.00 | 2.91E-03 | 1.76E-04 | 5.17E-05 |
| 370817.00 | 3761881.00 | 3.19E-03 | 1.74E-04 | 5.86E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370857.00 | 3761871.00 | 3.38E-06 | 6.97E-08 | 1.04E-07 |
| 370862.00 | 3761871.00 | 3.94E-06 | 7.14E-08 | 1.36E-07 |
| 370867.00 | 3761871.00 | 4.64E-06 | 7.33E-08 | 1.82E-07 |
| 370872.00 | 3761871.00 | 5.50E-06 | 7.55E-08 | 2.47E-07 |
| 370877.00 | 3761871.00 | 6.54E-06 | 7.80E-08 | 3.28E-07 |
| 370757.00 | 3761876.00 | 4.52E-07 | 8.84E-08 | 6.37E-09 |
| 370762.00 | 3761876.00 | 4.82E-07 | 8.45E-08 | 6.91E-09 |
| 370767.00 | 3761876.00 | 5.16E-07 | 8.10E-08 | 7.52E-09 |
| 370772.00 | 3761876.00 | 5.53E-07 | 7.79E-08 | 8.20E-09 |
| 370777.00 | 3761876.00 | 5.94E-07 | 7.50E-08 | 8.98E-09 |
| 370782.00 | 3761876.00 | 6.40E-07 | 7.26E-08 | 9.87E-09 |
| 370787.00 | 3761876.00 | 6.91E-07 | 7.04E-08 | 1.09E-08 |
| 370792.00 | 3761876.00 | 7.49E-07 | 6.85E-08 | 1.21E-08 |
| 370797.00 | 3761876.00 | 8.14E-07 | 6.69E-08 | 1.34E-08 |
| 370802.00 | 3761876.00 | 8.87E-07 | 6.55E-08 | 1.50E-08 |
| 370807.00 | 3761876.00 | 9.70E-07 | 6.43E-08 | 1.69E-08 |
| 370812.00 | 3761876.00 | 1.06E-06 | 6.34E-08 | 1.92E-08 |
| 370817.00 | 3761876.00 | 1.17E-06 | 6.26E-08 | 2.19E-08 |
| 370822.00 | 3761876.00 | 1.30E-06 | 6.22E-08 | 2.51E-08 |
| 370827.00 | 3761876.00 | 1.44E-06 | 6.19E-08 | 2.91E-08 |
| 370847.00 | 3761876.00 | 2.33E-06 | 6.30E-08 | 5.81E-08 |
| 370852.00 | 3761876.00 | 2.66E-06 | 6.39E-08 | 7.17E-08 |
| 370857.00 | 3761876.00 | 3.07E-06 | 6.49E-08 | 9.01E-08 |
| 370862.00 | 3761876.00 | 3.57E-06 | 6.61E-08 | 1.16E-07 |
| 370867.00 | 3761876.00 | 4.17E-06 | 6.74E-08 | 1.53E-07 |
| 370872.00 | 3761876.00 | 4.92E-06 | 6.91E-08 | 2.06E-07 |
| 370877.00 | 3761876.00 | 5.84E-06 | 7.10E-08 | 2.79E-07 |
| 370882.00 | 3761876.00 | 6.97E-06 | 7.32E-08 | 3.59E-07 |
| 370757.00 | 3761881.00 | 4.36E-07 | 8.51E-08 | 6.13E-09 |
| 370762.00 | 3761881.00 | 4.65E-07 | 8.14E-08 | 6.63E-09 |
| 370767.00 | 3761881.00 | 4.97E-07 | 7.81E-08 | 7.20E-09 |
| 370772.00 | 3761881.00 | 5.32E-07 | 7.50E-08 | 7.84E-09 |
| 370777.00 | 3761881.00 | 5.71E-07 | 7.24E-08 | 8.57E-09 |
| 370782.00 | 3761881.00 | 6.14E-07 | 7.00E-08 | 9.39E-09 |
| 370787.00 | 3761881.00 | 6.62E-07 | 6.79E-08 | 1.03E-08 |
| 370792.00 | 3761881.00 | 7.15E-07 | 6.61E-08 | 1.14E-08 |
| 370797.00 | 3761881.00 | 7.76E-07 | 6.45E-08 | 1.27E-08 |
| 370802.00 | 3761881.00 | 8.43E-07 | 6.31E-08 | 1.41E-08 |
| 370807.00 | 3761881.00 | 9.20E-07 | 6.19E-08 | 1.59E-08 |
| 370812.00 | 3761881.00 | 1.01E-06 | 6.10E-08 | 1.79E-08 |
| 370817.00 | 3761881.00 | 1.11E-06 | 6.02E-08 | 2.03E-08 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370822.00 | 3761881.00 | 3.52E-03 | 1.72E-04 | 6.70E-05 |
| 370827.00 | 3761881.00 | 3.90E-03 | 1.71E-04 | 7.71E-05 |
| 370832.00 | 3761881.00 | 4.34E-03 | 1.71E-04 | 8.94E-05 |
| 370852.00 | 3761881.00 | 7.01E-03 | 1.73E-04 | 1.80E-04 |
| 370857.00 | 3761881.00 | 8.03E-03 | 1.76E-04 | 2.24E-04 |
| 370862.00 | 3761881.00 | 9.27E-03 | 1.78E-04 | 2.83E-04 |
| 370867.00 | 3761881.00 | 1.08E-02 | 1.80E-04 | 3.67E-04 |
| 370872.00 | 3761881.00 | 1.26E-02 | 1.84E-04 | 4.86E-04 |
| 370877.00 | 3761881.00 | 1.49E-02 | 1.88E-04 | 6.54E-04 |
| 370882.00 | 3761881.00 | 1.77E-02 | 1.93E-04 | 8.66E-04 |
| 370887.00 | 3761881.00 | 2.11E-02 | 1.98E-04 | 1.06E-03 |
| 370757.00 | 3761886.00 | 1.21E-03 | 2.37E-04 | 1.70E-05 |
| 370762.00 | 3761886.00 | 1.29E-03 | 2.27E-04 | 1.83E-05 |
| 370767.00 | 3761886.00 | 1.38E-03 | 2.17E-04 | 1.99E-05 |
| 370772.00 | 3761886.00 | 1.47E-03 | 2.09E-04 | 2.16E-05 |
| 370777.00 | 3761886.00 | 1.58E-03 | 2.02E-04 | 2.35E-05 |
| 370782.00 | 3761886.00 | 1.70E-03 | 1.95E-04 | 2.57E-05 |
| 370787.00 | 3761886.00 | 1.82E-03 | 1.89E-04 | 2.82E-05 |
| 370792.00 | 3761886.00 | 1.97E-03 | 1.84E-04 | 3.11E-05 |
| 370797.00 | 3761886.00 | 2.13E-03 | 1.80E-04 | 3.44E-05 |
| 370802.00 | 3761886.00 | 2.31E-03 | 1.76E-04 | 3.83E-05 |
| 370807.00 | 3761886.00 | 2.51E-03 | 1.72E-04 | 4.27E-05 |
| 370812.00 | 3761886.00 | 2.74E-03 | 1.70E-04 | 4.79E-05 |
| 370817.00 | 3761886.00 | 3.00E-03 | 1.67E-04 | 5.41E-05 |
| 370822.00 | 3761886.00 | 3.30E-03 | 1.65E-04 | 6.14E-05 |
| 370827.00 | 3761886.00 | 3.64E-03 | 1.64E-04 | 7.02E-05 |
| 370832.00 | 3761886.00 | 4.03E-03 | 1.63E-04 | 8.08E-05 |
| 370837.00 | 3761886.00 | 4.48E-03 | 1.63E-04 | 9.38E-05 |
| 370857.00 | 3761886.00 | 7.23E-03 | 1.65E-04 | 1.91E-04 |
| 370862.00 | 3761886.00 | 8.29E-03 | 1.67E-04 | 2.38E-04 |
| 370867.00 | 3761886.00 | 9.56E-03 | 1.69E-04 | 3.02E-04 |
| 370872.00 | 3761886.00 | 1.11E-02 | 1.71E-04 | 3.92E-04 |
| 370877.00 | 3761886.00 | 1.30E-02 | 1.74E-04 | 5.17E-04 |
| 370882.00 | 3761886.00 | 1.54E-02 | 1.78E-04 | 6.83E-04 |
| 370887.00 | 3761886.00 | 1.83E-02 | 1.82E-04 | 8.70E-04 |
| 370762.00 | 3761891.00 | 1.24E-03 | 2.18E-04 | 1.75E-05 |
| 370767.00 | 3761891.00 | 1.32E-03 | 2.10E-04 | 1.89E-05 |
| 370772.00 | 3761891.00 | 1.41E-03 | 2.02E-04 | 2.05E-05 |
| 370777.00 | 3761891.00 | 1.51E-03 | 1.95E-04 | 2.23E-05 |
| 370782.00 | 3761891.00 | 1.62E-03 | 1.89E-04 | 2.43E-05 |
| 370787.00 | 3761891.00 | 1.74E-03 | 1.83E-04 | 2.66E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370822.00 | 3761881.00 | 1.22E-06 | 5.96E-08 | 2.32E-08 |
| 370827.00 | 3761881.00 | 1.35E-06 | 5.93E-08 | 2.67E-08 |
| 370832.00 | 3761881.00 | 1.50E-06 | 5.91E-08 | 3.09E-08 |
| 370852.00 | 3761881.00 | 2.43E-06 | 6.01E-08 | 6.25E-08 |
| 370857.00 | 3761881.00 | 2.78E-06 | 6.08E-08 | 7.74E-08 |
| 370862.00 | 3761881.00 | 3.21E-06 | 6.16E-08 | 9.80E-08 |
| 370867.00 | 3761881.00 | 3.73E-06 | 6.24E-08 | 1.27E-07 |
| 370872.00 | 3761881.00 | 4.37E-06 | 6.37E-08 | 1.68E-07 |
| 370877.00 | 3761881.00 | 5.16E-06 | 6.52E-08 | 2.26E-07 |
| 370882.00 | 3761881.00 | 6.13E-06 | 6.69E-08 | 3.00E-07 |
| 370887.00 | 3761881.00 | 7.30E-06 | 6.87E-08 | 3.68E-07 |
| 370757.00 | 3761886.00 | 4.20E-07 | 8.20E-08 | 5.87E-09 |
| 370762.00 | 3761886.00 | 4.48E-07 | 7.84E-08 | 6.34E-09 |
| 370767.00 | 3761886.00 | 4.78E-07 | 7.52E-08 | 6.87E-09 |
| 370772.00 | 3761886.00 | 5.10E-07 | 7.24E-08 | 7.47E-09 |
| 370777.00 | 3761886.00 | 5.47E-07 | 6.98E-08 | 8.15E-09 |
| 370782.00 | 3761886.00 | 5.87E-07 | 6.76E-08 | 8.91E-09 |
| 370787.00 | 3761886.00 | 6.32E-07 | 6.56E-08 | 9.78E-09 |
| 370792.00 | 3761886.00 | 6.81E-07 | 6.38E-08 | 1.08E-08 |
| 370797.00 | 3761886.00 | 7.37E-07 | 6.22E-08 | 1.19E-08 |
| 370802.00 | 3761886.00 | 7.99E-07 | 6.09E-08 | 1.32E-08 |
| 370807.00 | 3761886.00 | 8.69E-07 | 5.97E-08 | 1.48E-08 |
| 370812.00 | 3761886.00 | 9.49E-07 | 5.87E-08 | 1.66E-08 |
| 370817.00 | 3761886.00 | 1.04E-06 | 5.79E-08 | 1.87E-08 |
| 370822.00 | 3761886.00 | 1.14E-06 | 5.72E-08 | 2.13E-08 |
| 370827.00 | 3761886.00 | 1.26E-06 | 5.68E-08 | 2.43E-08 |
| 370832.00 | 3761886.00 | 1.39E-06 | 5.65E-08 | 2.80E-08 |
| 370837.00 | 3761886.00 | 1.55E-06 | 5.63E-08 | 3.25E-08 |
| 370857.00 | 3761886.00 | 2.50E-06 | 5.72E-08 | 6.61E-08 |
| 370862.00 | 3761886.00 | 2.87E-06 | 5.78E-08 | 8.22E-08 |
| 370867.00 | 3761886.00 | 3.31E-06 | 5.85E-08 | 1.05E-07 |
| 370872.00 | 3761886.00 | 3.85E-06 | 5.93E-08 | 1.36E-07 |
| 370877.00 | 3761886.00 | 4.51E-06 | 6.03E-08 | 1.79E-07 |
| 370882.00 | 3761886.00 | 5.33E-06 | 6.16E-08 | 2.36E-07 |
| 370887.00 | 3761886.00 | 6.32E-06 | 6.29E-08 | 3.01E-07 |
| 370762.00 | 3761891.00 | 4.30E-07 | 7.55E-08 | 6.05E-09 |
| 370767.00 | 3761891.00 | 4.58E-07 | 7.25E-08 | 6.55E-09 |
| 370772.00 | 3761891.00 | 4.89E-07 | 6.99E-08 | 7.10E-09 |
| 370777.00 | 3761891.00 | 5.23E-07 | 6.75E-08 | 7.72E-09 |
| 370782.00 | 3761891.00 | 5.60E-07 | 6.53E-08 | 8.42E-09 |
| 370787.00 | 3761891.00 | 6.01E-07 | 6.34E-08 | 9.21E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370792.00 | 3761891.00 | 1.87E-03 | 1.78E-04 | 2.92E-05 |
| 370797.00 | 3761891.00 | 2.02E-03 | 1.74E-04 | 3.22E-05 |
| 370802.00 | 3761891.00 | 2.18E-03 | 1.70E-04 | 3.57E-05 |
| 370807.00 | 3761891.00 | 2.37E-03 | 1.66E-04 | 3.96E-05 |
| 370812.00 | 3761891.00 | 2.58E-03 | 1.63E-04 | 4.43E-05 |
| 370817.00 | 3761891.00 | 2.81E-03 | 1.61E-04 | 4.97E-05 |
| 370822.00 | 3761891.00 | 3.08E-03 | 1.59E-04 | 5.60E-05 |
| 370827.00 | 3761891.00 | 3.38E-03 | 1.57E-04 | 6.36E-05 |
| 370832.00 | 3761891.00 | 3.73E-03 | 1.56E-04 | 7.27E-05 |
| 370837.00 | 3761891.00 | 4.13E-03 | 1.55E-04 | 8.37E-05 |
| 370842.00 | 3761891.00 | 4.59E-03 | 1.55E-04 | 9.72E-05 |
| 370857.00 | 3761891.00 | 6.49E-03 | 1.56E-04 | 1.62E-04 |
| 370862.00 | 3761891.00 | 7.38E-03 | 1.57E-04 | 1.98E-04 |
| 370867.00 | 3761891.00 | 8.46E-03 | 1.59E-04 | 2.47E-04 |
| 370872.00 | 3761891.00 | 9.76E-03 | 1.60E-04 | 3.13E-04 |
| 370877.00 | 3761891.00 | 1.13E-02 | 1.62E-04 | 4.04E-04 |
| 370882.00 | 3761891.00 | 1.33E-02 | 1.65E-04 | 5.23E-04 |
| 370887.00 | 3761891.00 | 1.56E-02 | 1.68E-04 | 6.72E-04 |
| 370892.00 | 3761891.00 | 1.84E-02 | 1.71E-04 | 8.29E-04 |
| 370762.00 | 3761896.00 | 1.19E-03 | 2.10E-04 | 1.66E-05 |
| 370767.00 | 3761896.00 | 1.27E-03 | 2.02E-04 | 1.80E-05 |
| 370772.00 | 3761896.00 | 1.35E-03 | 1.95E-04 | 1.94E-05 |
| 370777.00 | 3761896.00 | 1.44E-03 | 1.88E-04 | 2.11E-05 |
| 370782.00 | 3761896.00 | 1.54E-03 | 1.82E-04 | 2.29E-05 |
| 370787.00 | 3761896.00 | 1.65E-03 | 1.77E-04 | 2.50E-05 |
| 370792.00 | 3761896.00 | 1.77E-03 | 1.72E-04 | 2.74E-05 |
| 370797.00 | 3761896.00 | 1.91E-03 | 1.68E-04 | 3.01E-05 |
| 370802.00 | 3761896.00 | 2.06E-03 | 1.64E-04 | 3.31E-05 |
| 370807.00 | 3761896.00 | 2.23E-03 | 1.61E-04 | 3.66E-05 |
| 370812.00 | 3761896.00 | 2.41E-03 | 1.58E-04 | 4.07E-05 |
| 370817.00 | 3761896.00 | 2.63E-03 | 1.55E-04 | 4.54E-05 |
| 370822.00 | 3761896.00 | 2.86E-03 | 1.53E-04 | 5.10E-05 |
| 370827.00 | 3761896.00 | 3.13E-03 | 1.51E-04 | 5.75E-05 |
| 370832.00 | 3761896.00 | 3.44E-03 | 1.50E-04 | 6.52E-05 |
| 370837.00 | 3761896.00 | 3.79E-03 | 1.49E-04 | 7.44E-05 |
| 370842.00 | 3761896.00 | 4.19E-03 | 1.48E-04 | 8.56E-05 |
| 370862.00 | 3761896.00 | 6.57E-03 | 1.49E-04 | 1.66E-04 |
| 370867.00 | 3761896.00 | 7.46E-03 | 1.50E-04 | 2.02E-04 |
| 370872.00 | 3761896.00 | 8.55E-03 | 1.51E-04 | 2.51E-04 |
| 370877.00 | 3761896.00 | 9.85E-03 | 1.52E-04 | 3.16E-04 |
| 370882.00 | 3761896.00 | 1.14E-02 | 1.54E-04 | 4.00E-04 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370792.00 | 3761891.00 | 6.47E-07 | 6.16E-08 | 1.01E-08 |
| 370797.00 | 3761891.00 | 6.98E-07 | 6.01E-08 | 1.12E-08 |
| 370802.00 | 3761891.00 | 7.56E-07 | 5.88E-08 | 1.23E-08 |
| 370807.00 | 3761891.00 | 8.20E-07 | 5.76E-08 | 1.37E-08 |
| 370812.00 | 3761891.00 | 8.91E-07 | 5.66E-08 | 1.53E-08 |
| 370817.00 | 3761891.00 | 9.73E-07 | 5.57E-08 | 1.72E-08 |
| 370822.00 | 3761891.00 | 1.06E-06 | 5.50E-08 | 1.94E-08 |
| 370827.00 | 3761891.00 | 1.17E-06 | 5.45E-08 | 2.20E-08 |
| 370832.00 | 3761891.00 | 1.29E-06 | 5.41E-08 | 2.52E-08 |
| 370837.00 | 3761891.00 | 1.43E-06 | 5.38E-08 | 2.90E-08 |
| 370842.00 | 3761891.00 | 1.59E-06 | 5.37E-08 | 3.36E-08 |
| 370857.00 | 3761891.00 | 2.25E-06 | 5.40E-08 | 5.62E-08 |
| 370862.00 | 3761891.00 | 2.56E-06 | 5.44E-08 | 6.87E-08 |
| 370867.00 | 3761891.00 | 2.93E-06 | 5.49E-08 | 8.55E-08 |
| 370872.00 | 3761891.00 | 3.38E-06 | 5.55E-08 | 1.09E-07 |
| 370877.00 | 3761891.00 | 3.93E-06 | 5.62E-08 | 1.40E-07 |
| 370882.00 | 3761891.00 | 4.60E-06 | 5.71E-08 | 1.81E-07 |
| 370887.00 | 3761891.00 | 5.42E-06 | 5.81E-08 | 2.32E-07 |
| 370892.00 | 3761891.00 | 6.38E-06 | 5.93E-08 | 2.87E-07 |
| 370762.00 | 3761896.00 | 4.12E-07 | 7.29E-08 | 5.76E-09 |
| 370767.00 | 3761896.00 | 4.38E-07 | 7.00E-08 | 6.22E-09 |
| 370772.00 | 3761896.00 | 4.67E-07 | 6.75E-08 | 6.72E-09 |
| 370777.00 | 3761896.00 | 4.99E-07 | 6.52E-08 | 7.29E-09 |
| 370782.00 | 3761896.00 | 5.33E-07 | 6.31E-08 | 7.93E-09 |
| 370787.00 | 3761896.00 | 5.72E-07 | 6.12E-08 | 8.65E-09 |
| 370792.00 | 3761896.00 | 6.14E-07 | 5.96E-08 | 9.47E-09 |
| 370797.00 | 3761896.00 | 6.61E-07 | 5.81E-08 | 1.04E-08 |
| 370802.00 | 3761896.00 | 7.13E-07 | 5.68E-08 | 1.15E-08 |
| 370807.00 | 3761896.00 | 7.71E-07 | 5.56E-08 | 1.27E-08 |
| 370812.00 | 3761896.00 | 8.36E-07 | 5.46E-08 | 1.41E-08 |
| 370817.00 | 3761896.00 | 9.09E-07 | 5.37E-08 | 1.57E-08 |
| 370822.00 | 3761896.00 | 9.91E-07 | 5.29E-08 | 1.76E-08 |
| 370827.00 | 3761896.00 | 1.08E-06 | 5.23E-08 | 1.99E-08 |
| 370832.00 | 3761896.00 | 1.19E-06 | 5.18E-08 | 2.26E-08 |
| 370837.00 | 3761896.00 | 1.31E-06 | 5.15E-08 | 2.58E-08 |
| 370842.00 | 3761896.00 | 1.45E-06 | 5.13E-08 | 2.96E-08 |
| 370862.00 | 3761896.00 | 2.27E-06 | 5.14E-08 | 5.74E-08 |
| 370867.00 | 3761896.00 | 2.58E-06 | 5.18E-08 | 7.01E-08 |
| 370872.00 | 3761896.00 | 2.96E-06 | 5.22E-08 | 8.69E-08 |
| 370877.00 | 3761896.00 | 3.41E-06 | 5.27E-08 | 1.09E-07 |
| 370882.00 | 3761896.00 | 3.96E-06 | 5.33E-08 | 1.38E-07 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370887.00 | 3761896.00 | 1.33E-02 | 1.56E-04 | 5.07E-04 |
| 370892.00 | 3761896.00 | 1.56E-02 | 1.59E-04 | 6.39E-04 |
| 370897.00 | 3761896.00 | 1.83E-02 | 1.61E-04 | 7.97E-04 |
| 370767.00 | 3761901.00 | 1.21E-03 | 1.95E-04 | 1.70E-05 |
| 370772.00 | 3761901.00 | 1.29E-03 | 1.88E-04 | 1.84E-05 |
| 370777.00 | 3761901.00 | 1.37E-03 | 1.82E-04 | 1.99E-05 |
| 370782.00 | 3761901.00 | 1.46E-03 | 1.76E-04 | 2.15E-05 |
| 370787.00 | 3761901.00 | 1.57E-03 | 1.71E-04 | 2.34E-05 |
| 370792.00 | 3761901.00 | 1.68E-03 | 1.66E-04 | 2.56E-05 |
| 370797.00 | 3761901.00 | 1.80E-03 | 1.62E-04 | 2.80E-05 |
| 370802.00 | 3761901.00 | 1.94E-03 | 1.59E-04 | 3.07E-05 |
| 370807.00 | 3761901.00 | 2.09E-03 | 1.55E-04 | 3.38E-05 |
| 370812.00 | 3761901.00 | 2.26E-03 | 1.52E-04 | 3.74E-05 |
| 370817.00 | 3761901.00 | 2.45E-03 | 1.50E-04 | 4.15E-05 |
| 370822.00 | 3761901.00 | 2.66E-03 | 1.47E-04 | 4.62E-05 |
| 370827.00 | 3761901.00 | 2.90E-03 | 1.45E-04 | 5.18E-05 |
| 370832.00 | 3761901.00 | 3.17E-03 | 1.44E-04 | 5.83E-05 |
| 370837.00 | 3761901.00 | 3.47E-03 | 1.43E-04 | 6.60E-05 |
| 370842.00 | 3761901.00 | 3.82E-03 | 1.42E-04 | 7.53E-05 |
| 370847.00 | 3761901.00 | 4.22E-03 | 1.41E-04 | 8.65E-05 |
| 370867.00 | 3761901.00 | 6.58E-03 | 1.42E-04 | 1.67E-04 |
| 370872.00 | 3761901.00 | 7.48E-03 | 1.42E-04 | 2.03E-04 |
| 370877.00 | 3761901.00 | 8.55E-03 | 1.43E-04 | 2.50E-04 |
| 370882.00 | 3761901.00 | 9.83E-03 | 1.45E-04 | 3.09E-04 |
| 370887.00 | 3761901.00 | 1.14E-02 | 1.46E-04 | 3.85E-04 |
| 370892.00 | 3761901.00 | 1.32E-02 | 1.48E-04 | 4.80E-04 |
| 370897.00 | 3761901.00 | 1.54E-02 | 1.50E-04 | 5.93E-04 |
| 370772.00 | 3761906.00 | 1.23E-03 | 1.82E-04 | 1.73E-05 |
| 370777.00 | 3761906.00 | 1.30E-03 | 1.76E-04 | 1.87E-05 |
| 370782.00 | 3761906.00 | 1.39E-03 | 1.71E-04 | 2.02E-05 |
| 370787.00 | 3761906.00 | 1.48E-03 | 1.66E-04 | 2.19E-05 |
| 370792.00 | 3761906.00 | 1.59E-03 | 1.61E-04 | 2.38E-05 |
| 370797.00 | 3761906.00 | 1.70E-03 | 1.57E-04 | 2.60E-05 |
| 370802.00 | 3761906.00 | 1.82E-03 | 1.53E-04 | 2.84E-05 |
| 370807.00 | 3761906.00 | 1.96E-03 | 1.50E-04 | 3.11E-05 |
| 370812.00 | 3761906.00 | 2.11E-03 | 1.47E-04 | 3.42E-05 |
| 370817.00 | 3761906.00 | 2.28E-03 | 1.44E-04 | 3.78E-05 |
| 370822.00 | 3761906.00 | 2.47E-03 | 1.42E-04 | 4.19E-05 |
| 370827.00 | 3761906.00 | 2.68E-03 | 1.40E-04 | 4.66E-05 |
| 370832.00 | 3761906.00 | 2.91E-03 | 1.38E-04 | 5.21E-05 |
| 370837.00 | 3761906.00 | 3.18E-03 | 1.37E-04 | 5.85E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370887.00 | 3761896.00 | 4.62E-06 | 5.41E-08 | 1.76E-07 |
| 370892.00 | 3761896.00 | 5.41E-06 | 5.50E-08 | 2.21E-07 |
| 370897.00 | 3761896.00 | 6.32E-06 | 5.59E-08 | 2.76E-07 |
| 370767.00 | 3761901.00 | 4.19E-07 | 6.76E-08 | 5.89E-09 |
| 370772.00 | 3761901.00 | 4.46E-07 | 6.51E-08 | 6.36E-09 |
| 370777.00 | 3761901.00 | 4.75E-07 | 6.30E-08 | 6.88E-09 |
| 370782.00 | 3761901.00 | 5.07E-07 | 6.10E-08 | 7.46E-09 |
| 370787.00 | 3761901.00 | 5.42E-07 | 5.92E-08 | 8.11E-09 |
| 370792.00 | 3761901.00 | 5.81E-07 | 5.76E-08 | 8.85E-09 |
| 370797.00 | 3761901.00 | 6.24E-07 | 5.62E-08 | 9.68E-09 |
| 370802.00 | 3761901.00 | 6.71E-07 | 5.49E-08 | 1.06E-08 |
| 370807.00 | 3761901.00 | 7.23E-07 | 5.37E-08 | 1.17E-08 |
| 370812.00 | 3761901.00 | 7.82E-07 | 5.27E-08 | 1.29E-08 |
| 370817.00 | 3761901.00 | 8.47E-07 | 5.18E-08 | 1.44E-08 |
| 370822.00 | 3761901.00 | 9.21E-07 | 5.10E-08 | 1.60E-08 |
| 370827.00 | 3761901.00 | 1.00E-06 | 5.03E-08 | 1.79E-08 |
| 370832.00 | 3761901.00 | 1.10E-06 | 4.98E-08 | 2.02E-08 |
| 370837.00 | 3761901.00 | 1.20E-06 | 4.93E-08 | 2.29E-08 |
| 370842.00 | 3761901.00 | 1.32E-06 | 4.91E-08 | 2.61E-08 |
| 370847.00 | 3761901.00 | 1.46E-06 | 4.88E-08 | 2.99E-08 |
| 370867.00 | 3761901.00 | 2.28E-06 | 4.90E-08 | 5.77E-08 |
| 370872.00 | 3761901.00 | 2.59E-06 | 4.93E-08 | 7.02E-08 |
| 370877.00 | 3761901.00 | 2.96E-06 | 4.96E-08 | 8.64E-08 |
| 370882.00 | 3761901.00 | 3.40E-06 | 5.00E-08 | 1.07E-07 |
| 370887.00 | 3761901.00 | 3.94E-06 | 5.06E-08 | 1.33E-07 |
| 370892.00 | 3761901.00 | 4.57E-06 | 5.13E-08 | 1.66E-07 |
| 370897.00 | 3761901.00 | 5.33E-06 | 5.20E-08 | 2.05E-07 |
| 370772.00 | 3761906.00 | 4.25E-07 | 6.30E-08 | 6.00E-09 |
| 370777.00 | 3761906.00 | 4.52E-07 | 6.09E-08 | 6.47E-09 |
| 370782.00 | 3761906.00 | 4.81E-07 | 5.90E-08 | 7.00E-09 |
| 370787.00 | 3761906.00 | 5.13E-07 | 5.73E-08 | 7.58E-09 |
| 370792.00 | 3761906.00 | 5.49E-07 | 5.58E-08 | 8.24E-09 |
| 370797.00 | 3761906.00 | 5.88E-07 | 5.44E-08 | 8.98E-09 |
| 370802.00 | 3761906.00 | 6.31E-07 | 5.31E-08 | 9.82E-09 |
| 370807.00 | 3761906.00 | 6.78E-07 | 5.19E-08 | 1.08E-08 |
| 370812.00 | 3761906.00 | 7.31E-07 | 5.09E-08 | 1.18E-08 |
| 370817.00 | 3761906.00 | 7.89E-07 | 5.00E-08 | 1.31E-08 |
| 370822.00 | 3761906.00 | 8.54E-07 | 4.92E-08 | 1.45E-08 |
| 370827.00 | 3761906.00 | 9.27E-07 | 4.85E-08 | 1.61E-08 |
| 370832.00 | 3761906.00 | 1.01E-06 | 4.79E-08 | 1.80E-08 |
| 370837.00 | 3761906.00 | 1.10E-06 | 4.74E-08 | 2.03E-08 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370842.00 | 3761906.00 | 3.48E-03 | 1.36E-04 | 6.62E-05 |
| 370847.00 | 3761906.00 | 3.83E-03 | 1.35E-04 | 7.53E-05 |
| 370852.00 | 3761906.00 | 4.22E-03 | 1.35E-04 | 8.65E-05 |
| 370872.00 | 3761906.00 | 6.55E-03 | 1.35E-04 | 1.65E-04 |
| 370877.00 | 3761906.00 | 7.43E-03 | 1.36E-04 | 2.00E-04 |
| 370882.00 | 3761906.00 | 8.47E-03 | 1.37E-04 | 2.43E-04 |
| 370887.00 | 3761906.00 | 9.72E-03 | 1.38E-04 | 2.97E-04 |
| 370892.00 | 3761906.00 | 1.12E-02 | 1.39E-04 | 3.64E-04 |
| 370897.00 | 3761906.00 | 1.30E-02 | 1.41E-04 | 4.40E-04 |
| 370902.00 | 3761906.00 | 1.51E-02 | 1.42E-04 | 5.07E-04 |
| 370777.00 | 3761911.00 | 1.24E-03 | 1.70E-04 | 1.76E-05 |
| 370782.00 | 3761911.00 | 1.32E-03 | 1.65E-04 | 1.89E-05 |
| 370787.00 | 3761911.00 | 1.40E-03 | 1.60E-04 | 2.05E-05 |
| 370792.00 | 3761911.00 | 1.50E-03 | 1.56E-04 | 2.22E-05 |
| 370797.00 | 3761911.00 | 1.60E-03 | 1.52E-04 | 2.41E-05 |
| 370802.00 | 3761911.00 | 1.71E-03 | 1.48E-04 | 2.62E-05 |
| 370807.00 | 3761911.00 | 1.83E-03 | 1.45E-04 | 2.86E-05 |
| 370812.00 | 3761911.00 | 1.97E-03 | 1.42E-04 | 3.13E-05 |
| 370817.00 | 3761911.00 | 2.12E-03 | 1.40E-04 | 3.44E-05 |
| 370822.00 | 3761911.00 | 2.29E-03 | 1.37E-04 | 3.79E-05 |
| 370827.00 | 3761911.00 | 2.47E-03 | 1.35E-04 | 4.19E-05 |
| 370832.00 | 3761911.00 | 2.68E-03 | 1.33E-04 | 4.66E-05 |
| 370837.00 | 3761911.00 | 2.91E-03 | 1.32E-04 | 5.20E-05 |
| 370842.00 | 3761911.00 | 3.17E-03 | 1.31E-04 | 5.83E-05 |
| 370847.00 | 3761911.00 | 3.47E-03 | 1.30E-04 | 6.58E-05 |
| 370852.00 | 3761911.00 | 3.81E-03 | 1.29E-04 | 7.48E-05 |
| 370857.00 | 3761911.00 | 4.19E-03 | 1.29E-04 | 8.57E-05 |
| 370872.00 | 3761911.00 | 5.76E-03 | 1.28E-04 | 1.36E-04 |
| 370877.00 | 3761911.00 | 6.48E-03 | 1.29E-04 | 1.62E-04 |
| 370882.00 | 3761911.00 | 7.34E-03 | 1.29E-04 | 1.94E-04 |
| 370887.00 | 3761911.00 | 8.35E-03 | 1.30E-04 | 2.34E-04 |
| 370892.00 | 3761911.00 | 9.56E-03 | 1.31E-04 | 2.82E-04 |
| 370897.00 | 3761911.00 | 1.10E-02 | 1.32E-04 | 3.34E-04 |
| 370902.00 | 3761911.00 | 1.27E-02 | 1.33E-04 | 3.81E-04 |
| 370907.00 | 3761911.00 | 1.48E-02 | 1.35E-04 | 4.09E-04 |
| 370777.00 | 3761916.00 | 1.18E-03 | 1.65E-04 | 1.65E-05 |
| 370782.00 | 3761916.00 | 1.25E-03 | 1.60E-04 | 1.77E-05 |
| 370787.00 | 3761916.00 | 1.33E-03 | 1.55E-04 | 1.91E-05 |
| 370792.00 | 3761916.00 | 1.41E-03 | 1.51E-04 | 2.06E-05 |
| 370797.00 | 3761916.00 | 1.50E-03 | 1.47E-04 | 2.23E-05 |
| 370802.00 | 3761916.00 | 1.61E-03 | 1.44E-04 | 2.42E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370842.00 | 3761906.00 | 1.21E-06 | 4.71E-08 | 2.29E-08 |
| 370847.00 | 3761906.00 | 1.32E-06 | 4.68E-08 | 2.61E-08 |
| 370852.00 | 3761906.00 | 1.46E-06 | 4.66E-08 | 2.99E-08 |
| 370872.00 | 3761906.00 | 2.27E-06 | 4.67E-08 | 5.72E-08 |
| 370877.00 | 3761906.00 | 2.57E-06 | 4.70E-08 | 6.92E-08 |
| 370882.00 | 3761906.00 | 2.93E-06 | 4.73E-08 | 8.42E-08 |
| 370887.00 | 3761906.00 | 3.36E-06 | 4.77E-08 | 1.03E-07 |
| 370892.00 | 3761906.00 | 3.88E-06 | 4.81E-08 | 1.26E-07 |
| 370897.00 | 3761906.00 | 4.49E-06 | 4.87E-08 | 1.52E-07 |
| 370902.00 | 3761906.00 | 5.22E-06 | 4.92E-08 | 1.76E-07 |
| 370777.00 | 3761911.00 | 4.29E-07 | 5.89E-08 | 6.08E-09 |
| 370782.00 | 3761911.00 | 4.56E-07 | 5.71E-08 | 6.55E-09 |
| 370787.00 | 3761911.00 | 4.86E-07 | 5.55E-08 | 7.08E-09 |
| 370792.00 | 3761911.00 | 5.18E-07 | 5.40E-08 | 7.67E-09 |
| 370797.00 | 3761911.00 | 5.53E-07 | 5.26E-08 | 8.33E-09 |
| 370802.00 | 3761911.00 | 5.92E-07 | 5.14E-08 | 9.07E-09 |
| 370807.00 | 3761911.00 | 6.35E-07 | 5.03E-08 | 9.90E-09 |
| 370812.00 | 3761911.00 | 6.82E-07 | 4.92E-08 | 1.08E-08 |
| 370817.00 | 3761911.00 | 7.34E-07 | 4.83E-08 | 1.19E-08 |
| 370822.00 | 3761911.00 | 7.92E-07 | 4.75E-08 | 1.31E-08 |
| 370827.00 | 3761911.00 | 8.56E-07 | 4.68E-08 | 1.45E-08 |
| 370832.00 | 3761911.00 | 9.28E-07 | 4.62E-08 | 1.61E-08 |
| 370837.00 | 3761911.00 | 1.01E-06 | 4.57E-08 | 1.80E-08 |
| 370842.00 | 3761911.00 | 1.10E-06 | 4.52E-08 | 2.02E-08 |
| 370847.00 | 3761911.00 | 1.20E-06 | 4.49E-08 | 2.28E-08 |
| 370852.00 | 3761911.00 | 1.32E-06 | 4.46E-08 | 2.59E-08 |
| 370857.00 | 3761911.00 | 1.45E-06 | 4.45E-08 | 2.97E-08 |
| 370872.00 | 3761911.00 | 1.99E-06 | 4.44E-08 | 4.72E-08 |
| 370877.00 | 3761911.00 | 2.24E-06 | 4.46E-08 | 5.61E-08 |
| 370882.00 | 3761911.00 | 2.54E-06 | 4.48E-08 | 6.73E-08 |
| 370887.00 | 3761911.00 | 2.89E-06 | 4.51E-08 | 8.11E-08 |
| 370892.00 | 3761911.00 | 3.31E-06 | 4.54E-08 | 9.76E-08 |
| 370897.00 | 3761911.00 | 3.81E-06 | 4.57E-08 | 1.16E-07 |
| 370902.00 | 3761911.00 | 4.40E-06 | 4.61E-08 | 1.32E-07 |
| 370907.00 | 3761911.00 | 5.11E-06 | 4.67E-08 | 1.41E-07 |
| 370777.00 | 3761916.00 | 4.07E-07 | 5.71E-08 | 5.70E-09 |
| 370782.00 | 3761916.00 | 4.32E-07 | 5.53E-08 | 6.13E-09 |
| 370787.00 | 3761916.00 | 4.59E-07 | 5.37E-08 | 6.60E-09 |
| 370792.00 | 3761916.00 | 4.89E-07 | 5.23E-08 | 7.13E-09 |
| 370797.00 | 3761916.00 | 5.21E-07 | 5.10E-08 | 7.71E-09 |
| 370802.00 | 3761916.00 | 5.56E-07 | 4.98E-08 | 8.36E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370807.00 | 3761916.00 | 1.72E-03 | 1.41E-04 | 2.63E-05 |
| 370812.00 | 3761916.00 | 1.84E-03 | 1.38E-04 | 2.86E-05 |
| 370817.00 | 3761916.00 | 1.97E-03 | 1.35E-04 | 3.13E-05 |
| 370822.00 | 3761916.00 | 2.12E-03 | 1.33E-04 | 3.43E-05 |
| 370827.00 | 3761916.00 | 2.28E-03 | 1.31E-04 | 3.77E-05 |
| 370832.00 | 3761916.00 | 2.47E-03 | 1.29E-04 | 4.17E-05 |
| 370837.00 | 3761916.00 | 2.67E-03 | 1.27E-04 | 4.62E-05 |
| 370842.00 | 3761916.00 | 2.90E-03 | 1.26E-04 | 5.15E-05 |
| 370847.00 | 3761916.00 | 3.15E-03 | 1.25E-04 | 5.77E-05 |
| 370852.00 | 3761916.00 | 3.44E-03 | 1.24E-04 | 6.50E-05 |
| 370857.00 | 3761916.00 | 3.77E-03 | 1.23E-04 | 7.38E-05 |
| 370877.00 | 3761916.00 | 5.68E-03 | 1.23E-04 | 1.34E-04 |
| 370882.00 | 3761916.00 | 6.38E-03 | 1.23E-04 | 1.58E-04 |
| 370887.00 | 3761916.00 | 7.22E-03 | 1.24E-04 | 1.88E-04 |
| 370892.00 | 3761916.00 | 8.21E-03 | 1.24E-04 | 2.23E-04 |
| 370897.00 | 3761916.00 | 9.38E-03 | 1.25E-04 | 2.60E-04 |
| 370902.00 | 3761916.00 | 1.08E-02 | 1.26E-04 | 2.94E-04 |
| 370907.00 | 3761916.00 | 1.24E-02 | 1.27E-04 | 3.17E-04 |
| 370912.00 | 3761916.00 | 1.43E-02 | 1.28E-04 | 3.26E-04 |
| 370782.00 | 3761921.00 | 1.18E-03 | 1.55E-04 | 1.66E-05 |
| 370787.00 | 3761921.00 | 1.25E-03 | 1.50E-04 | 1.78E-05 |
| 370792.00 | 3761921.00 | 1.33E-03 | 1.46E-04 | 1.91E-05 |
| 370797.00 | 3761921.00 | 1.41E-03 | 1.43E-04 | 2.06E-05 |
| 370802.00 | 3761921.00 | 1.51E-03 | 1.39E-04 | 2.23E-05 |
| 370807.00 | 3761921.00 | 1.61E-03 | 1.36E-04 | 2.41E-05 |
| 370812.00 | 3761921.00 | 1.71E-03 | 1.33E-04 | 2.62E-05 |
| 370817.00 | 3761921.00 | 1.83E-03 | 1.31E-04 | 2.85E-05 |
| 370822.00 | 3761921.00 | 1.97E-03 | 1.28E-04 | 3.11E-05 |
| 370827.00 | 3761921.00 | 2.11E-03 | 1.26E-04 | 3.40E-05 |
| 370832.00 | 3761921.00 | 2.27E-03 | 1.24E-04 | 3.73E-05 |
| 370837.00 | 3761921.00 | 2.45E-03 | 1.23E-04 | 4.12E-05 |
| 370842.00 | 3761921.00 | 2.64E-03 | 1.21E-04 | 4.56E-05 |
| 370847.00 | 3761921.00 | 2.86E-03 | 1.20E-04 | 5.07E-05 |
| 370852.00 | 3761921.00 | 3.11E-03 | 1.19E-04 | 5.68E-05 |
| 370857.00 | 3761921.00 | 3.39E-03 | 1.18E-04 | 6.40E-05 |
| 370862.00 | 3761921.00 | 3.71E-03 | 1.18E-04 | 7.27E-05 |
| 370882.00 | 3761921.00 | 5.59E-03 | 1.17E-04 | 1.30E-04 |
| 370887.00 | 3761921.00 | 6.28E-03 | 1.18E-04 | 1.53E-04 |
| 370892.00 | 3761921.00 | 7.10E-03 | 1.18E-04 | 1.79E-04 |
| 370897.00 | 3761921.00 | 8.05E-03 | 1.18E-04 | 2.06E-04 |
| 370902.00 | 3761921.00 | 9.18E-03 | 1.19E-04 | 2.32E-04 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370807.00 | 3761916.00 | 5.94E-07 | 4.87E-08 | 9.09E-09 |
| 370812.00 | 3761916.00 | 6.36E-07 | 4.77E-08 | 9.91E-09 |
| 370817.00 | 3761916.00 | 6.83E-07 | 4.67E-08 | 1.08E-08 |
| 370822.00 | 3761916.00 | 7.34E-07 | 4.59E-08 | 1.19E-08 |
| 370827.00 | 3761916.00 | 7.91E-07 | 4.52E-08 | 1.31E-08 |
| 370832.00 | 3761916.00 | 8.54E-07 | 4.46E-08 | 1.44E-08 |
| 370837.00 | 3761916.00 | 9.24E-07 | 4.40E-08 | 1.60E-08 |
| 370842.00 | 3761916.00 | 1.00E-06 | 4.35E-08 | 1.78E-08 |
| 370847.00 | 3761916.00 | 1.09E-06 | 4.32E-08 | 2.00E-08 |
| 370852.00 | 3761916.00 | 1.19E-06 | 4.28E-08 | 2.25E-08 |
| 370857.00 | 3761916.00 | 1.30E-06 | 4.26E-08 | 2.56E-08 |
| 370877.00 | 3761916.00 | 1.96E-06 | 4.25E-08 | 4.62E-08 |
| 370882.00 | 3761916.00 | 2.21E-06 | 4.26E-08 | 5.47E-08 |
| 370887.00 | 3761916.00 | 2.50E-06 | 4.28E-08 | 6.50E-08 |
| 370892.00 | 3761916.00 | 2.84E-06 | 4.30E-08 | 7.70E-08 |
| 370897.00 | 3761916.00 | 3.25E-06 | 4.32E-08 | 8.99E-08 |
| 370902.00 | 3761916.00 | 3.73E-06 | 4.35E-08 | 1.02E-07 |
| 370907.00 | 3761916.00 | 4.30E-06 | 4.39E-08 | 1.10E-07 |
| 370912.00 | 3761916.00 | 4.95E-06 | 4.43E-08 | 1.13E-07 |
| 370782.00 | 3761921.00 | 4.09E-07 | 5.36E-08 | 5.73E-09 |
| 370787.00 | 3761921.00 | 4.34E-07 | 5.21E-08 | 6.15E-09 |
| 370792.00 | 3761921.00 | 4.60E-07 | 5.07E-08 | 6.62E-09 |
| 370797.00 | 3761921.00 | 4.90E-07 | 4.94E-08 | 7.14E-09 |
| 370802.00 | 3761921.00 | 5.21E-07 | 4.82E-08 | 7.71E-09 |
| 370807.00 | 3761921.00 | 5.56E-07 | 4.72E-08 | 8.35E-09 |
| 370812.00 | 3761921.00 | 5.94E-07 | 4.62E-08 | 9.06E-09 |
| 370817.00 | 3761921.00 | 6.35E-07 | 4.53E-08 | 9.86E-09 |
| 370822.00 | 3761921.00 | 6.80E-07 | 4.45E-08 | 1.08E-08 |
| 370827.00 | 3761921.00 | 7.30E-07 | 4.37E-08 | 1.18E-08 |
| 370832.00 | 3761921.00 | 7.86E-07 | 4.31E-08 | 1.29E-08 |
| 370837.00 | 3761921.00 | 8.47E-07 | 4.25E-08 | 1.42E-08 |
| 370842.00 | 3761921.00 | 9.15E-07 | 4.20E-08 | 1.58E-08 |
| 370847.00 | 3761921.00 | 9.92E-07 | 4.16E-08 | 1.76E-08 |
| 370852.00 | 3761921.00 | 1.08E-06 | 4.12E-08 | 1.97E-08 |
| 370857.00 | 3761921.00 | 1.17E-06 | 4.10E-08 | 2.22E-08 |
| 370862.00 | 3761921.00 | 1.29E-06 | 4.08E-08 | 2.52E-08 |
| 370882.00 | 3761921.00 | 1.93E-06 | 4.06E-08 | 4.51E-08 |
| 370887.00 | 3761921.00 | 2.17E-06 | 4.07E-08 | 5.29E-08 |
| 370892.00 | 3761921.00 | 2.46E-06 | 4.09E-08 | 6.18E-08 |
| 370897.00 | 3761921.00 | 2.79E-06 | 4.10E-08 | 7.14E-08 |
| 370902.00 | 3761921.00 | 3.18E-06 | 4.12E-08 | 8.03E-08 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370907.00 | 3761921.00 | 1.05E-02 | 1.20E-04 | 2.51E-04 |
| 370912.00 | 3761921.00 | 1.20E-02 | 1.21E-04 | 2.62E-04 |
| 370787.00 | 3761926.00 | 1.18E-03 | 1.46E-04 | 1.66E-05 |
| 370792.00 | 3761926.00 | 1.25E-03 | 1.42E-04 | 1.78E-05 |
| 370797.00 | 3761926.00 | 1.33E-03 | 1.38E-04 | 1.91E-05 |
| 370802.00 | 3761926.00 | 1.41E-03 | 1.35E-04 | 2.05E-05 |
| 370807.00 | 3761926.00 | 1.50E-03 | 1.32E-04 | 2.22E-05 |
| 370812.00 | 3761926.00 | 1.60E-03 | 1.29E-04 | 2.40E-05 |
| 370817.00 | 3761926.00 | 1.71E-03 | 1.27E-04 | 2.60E-05 |
| 370822.00 | 3761926.00 | 1.82E-03 | 1.24E-04 | 2.82E-05 |
| 370827.00 | 3761926.00 | 1.95E-03 | 1.22E-04 | 3.07E-05 |
| 370832.00 | 3761926.00 | 2.09E-03 | 1.20E-04 | 3.35E-05 |
| 370837.00 | 3761926.00 | 2.25E-03 | 1.19E-04 | 3.68E-05 |
| 370842.00 | 3761926.00 | 2.42E-03 | 1.17E-04 | 4.05E-05 |
| 370847.00 | 3761926.00 | 2.61E-03 | 1.16E-04 | 4.48E-05 |
| 370852.00 | 3761926.00 | 2.82E-03 | 1.15E-04 | 4.99E-05 |
| 370857.00 | 3761926.00 | 3.06E-03 | 1.14E-04 | 5.58E-05 |
| 370862.00 | 3761926.00 | 3.34E-03 | 1.13E-04 | 6.29E-05 |
| 370867.00 | 3761926.00 | 3.65E-03 | 1.13E-04 | 7.14E-05 |
| 370882.00 | 3761926.00 | 4.92E-03 | 1.12E-04 | 1.09E-04 |
| 370887.00 | 3761926.00 | 5.50E-03 | 1.12E-04 | 1.26E-04 |
| 370892.00 | 3761926.00 | 6.18E-03 | 1.12E-04 | 1.46E-04 |
| 370897.00 | 3761926.00 | 6.97E-03 | 1.13E-04 | 1.67E-04 |
| 370902.00 | 3761926.00 | 7.89E-03 | 1.13E-04 | 1.86E-04 |
| 370907.00 | 3761926.00 | 8.96E-03 | 1.14E-04 | 2.03E-04 |
| 370912.00 | 3761926.00 | 1.02E-02 | 1.14E-04 | 2.14E-04 |
| 370917.00 | 3761926.00 | 1.14E-02 | 1.15E-04 | 2.18E-04 |
| 370792.00 | 3761931.00 | 1.18E-03 | 1.38E-04 | 1.65E-05 |
| 370797.00 | 3761931.00 | 1.25E-03 | 1.34E-04 | 1.77E-05 |
| 370802.00 | 3761931.00 | 1.32E-03 | 1.31E-04 | 1.90E-05 |
| 370807.00 | 3761931.00 | 1.40E-03 | 1.28E-04 | 2.04E-05 |
| 370812.00 | 3761931.00 | 1.49E-03 | 1.26E-04 | 2.19E-05 |
| 370817.00 | 3761931.00 | 1.59E-03 | 1.23E-04 | 2.37E-05 |
| 370822.00 | 3761931.00 | 1.69E-03 | 1.21E-04 | 2.56E-05 |
| 370827.00 | 3761931.00 | 1.80E-03 | 1.19E-04 | 2.78E-05 |
| 370832.00 | 3761931.00 | 1.93E-03 | 1.17E-04 | 3.02E-05 |
| 370837.00 | 3761931.00 | 2.06E-03 | 1.15E-04 | 3.30E-05 |
| 370842.00 | 3761931.00 | 2.22E-03 | 1.13E-04 | 3.61E-05 |
| 370847.00 | 3761931.00 | 2.38E-03 | 1.12E-04 | 3.98E-05 |
| 370852.00 | 3761931.00 | 2.57E-03 | 1.11E-04 | 4.40E-05 |
| 370857.00 | 3761931.00 | 2.78E-03 | 1.10E-04 | 4.90E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370907.00 | 3761921.00 | 3.64E-06 | 4.15E-08 | 8.70E-08 |
| 370912.00 | 3761921.00 | 4.16E-06 | 4.18E-08 | 9.08E-08 |
| 370787.00 | 3761926.00 | 4.10E-07 | 5.05E-08 | 5.73E-09 |
| 370792.00 | 3761926.00 | 4.34E-07 | 4.92E-08 | 6.15E-09 |
| 370797.00 | 3761926.00 | 4.60E-07 | 4.79E-08 | 6.61E-09 |
| 370802.00 | 3761926.00 | 4.89E-07 | 4.68E-08 | 7.11E-09 |
| 370807.00 | 3761926.00 | 5.20E-07 | 4.57E-08 | 7.67E-09 |
| 370812.00 | 3761926.00 | 5.54E-07 | 4.48E-08 | 8.29E-09 |
| 370817.00 | 3761926.00 | 5.91E-07 | 4.39E-08 | 8.98E-09 |
| 370822.00 | 3761926.00 | 6.31E-07 | 4.31E-08 | 9.76E-09 |
| 370827.00 | 3761926.00 | 6.75E-07 | 4.23E-08 | 1.06E-08 |
| 370832.00 | 3761926.00 | 7.24E-07 | 4.17E-08 | 1.16E-08 |
| 370837.00 | 3761926.00 | 7.78E-07 | 4.11E-08 | 1.27E-08 |
| 370842.00 | 3761926.00 | 8.37E-07 | 4.06E-08 | 1.40E-08 |
| 370847.00 | 3761926.00 | 9.03E-07 | 4.01E-08 | 1.55E-08 |
| 370852.00 | 3761926.00 | 9.77E-07 | 3.97E-08 | 1.73E-08 |
| 370857.00 | 3761926.00 | 1.06E-06 | 3.94E-08 | 1.93E-08 |
| 370862.00 | 3761926.00 | 1.16E-06 | 3.92E-08 | 2.18E-08 |
| 370867.00 | 3761926.00 | 1.26E-06 | 3.90E-08 | 2.47E-08 |
| 370882.00 | 3761926.00 | 1.70E-06 | 3.88E-08 | 3.77E-08 |
| 370887.00 | 3761926.00 | 1.90E-06 | 3.88E-08 | 4.37E-08 |
| 370892.00 | 3761926.00 | 2.14E-06 | 3.89E-08 | 5.05E-08 |
| 370897.00 | 3761926.00 | 2.41E-06 | 3.90E-08 | 5.77E-08 |
| 370902.00 | 3761926.00 | 2.73E-06 | 3.92E-08 | 6.46E-08 |
| 370907.00 | 3761926.00 | 3.10E-06 | 3.94E-08 | 7.02E-08 |
| 370912.00 | 3761926.00 | 3.51E-06 | 3.96E-08 | 7.39E-08 |
| 370917.00 | 3761926.00 | 3.95E-06 | 3.98E-08 | 7.55E-08 |
| 370792.00 | 3761931.00 | 4.09E-07 | 4.77E-08 | 5.71E-09 |
| 370797.00 | 3761931.00 | 4.33E-07 | 4.65E-08 | 6.11E-09 |
| 370802.00 | 3761931.00 | 4.58E-07 | 4.54E-08 | 6.56E-09 |
| 370807.00 | 3761931.00 | 4.86E-07 | 4.44E-08 | 7.05E-09 |
| 370812.00 | 3761931.00 | 5.17E-07 | 4.34E-08 | 7.59E-09 |
| 370817.00 | 3761931.00 | 5.50E-07 | 4.26E-08 | 8.20E-09 |
| 370822.00 | 3761931.00 | 5.85E-07 | 4.18E-08 | 8.87E-09 |
| 370827.00 | 3761931.00 | 6.25E-07 | 4.10E-08 | 9.62E-09 |
| 370832.00 | 3761931.00 | 6.68E-07 | 4.04E-08 | 1.05E-08 |
| 370837.00 | 3761931.00 | 7.15E-07 | 3.98E-08 | 1.14E-08 |
| 370842.00 | 3761931.00 | 7.67E-07 | 3.92E-08 | 1.25E-08 |
| 370847.00 | 3761931.00 | 8.24E-07 | 3.87E-08 | 1.38E-08 |
| 370852.00 | 3761931.00 | 8.89E-07 | 3.83E-08 | 1.52E-08 |
| 370857.00 | 3761931.00 | 9.61E-07 | 3.80E-08 | 1.70E-08 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370862.00 | 3761931.00 | 3.01E-03 | 1.09E-04 | 5.49E-05 |
| 370867.00 | 3761931.00 | 3.28E-03 | 1.08E-04 | 6.19E-05 |
| 370887.00 | 3761931.00 | 4.84E-03 | 1.07E-04 | 1.06E-04 |
| 370892.00 | 3761931.00 | 5.41E-03 | 1.07E-04 | 1.21E-04 |
| 370897.00 | 3761931.00 | 6.07E-03 | 1.08E-04 | 1.37E-04 |
| 370902.00 | 3761931.00 | 6.83E-03 | 1.08E-04 | 1.53E-04 |
| 370907.00 | 3761931.00 | 7.70E-03 | 1.08E-04 | 1.66E-04 |
| 370912.00 | 3761931.00 | 8.66E-03 | 1.09E-04 | 1.76E-04 |
| 370917.00 | 3761931.00 | 9.69E-03 | 1.09E-04 | 1.82E-04 |
| 370922.00 | 3761931.00 | 1.07E-02 | 1.10E-04 | 1.83E-04 |
| 370792.00 | 3761936.00 | 1.11E-03 | 1.34E-04 | 1.53E-05 |
| 370797.00 | 3761936.00 | 1.17E-03 | 1.30E-04 | 1.64E-05 |
| 370802.00 | 3761936.00 | 1.24E-03 | 1.27E-04 | 1.75E-05 |
| 370807.00 | 3761936.00 | 1.31E-03 | 1.25E-04 | 1.87E-05 |
| 370812.00 | 3761936.00 | 1.39E-03 | 1.22E-04 | 2.01E-05 |
| 370817.00 | 3761936.00 | 1.48E-03 | 1.19E-04 | 2.16E-05 |
| 370822.00 | 3761936.00 | 1.57E-03 | 1.17E-04 | 2.33E-05 |
| 370827.00 | 3761936.00 | 1.67E-03 | 1.15E-04 | 2.52E-05 |
| 370832.00 | 3761936.00 | 1.78E-03 | 1.13E-04 | 2.73E-05 |
| 370837.00 | 3761936.00 | 1.90E-03 | 1.11E-04 | 2.97E-05 |
| 370842.00 | 3761936.00 | 2.03E-03 | 1.10E-04 | 3.24E-05 |
| 370847.00 | 3761936.00 | 2.18E-03 | 1.08E-04 | 3.55E-05 |
| 370852.00 | 3761936.00 | 2.34E-03 | 1.07E-04 | 3.90E-05 |
| 370857.00 | 3761936.00 | 2.52E-03 | 1.06E-04 | 4.32E-05 |
| 370862.00 | 3761936.00 | 2.73E-03 | 1.05E-04 | 4.81E-05 |
| 370867.00 | 3761936.00 | 2.96E-03 | 1.04E-04 | 5.40E-05 |
| 370872.00 | 3761936.00 | 3.22E-03 | 1.04E-04 | 6.09E-05 |
| 370892.00 | 3761936.00 | 4.76E-03 | 1.03E-04 | 1.01E-04 |
| 370897.00 | 3761936.00 | 5.32E-03 | 1.03E-04 | 1.14E-04 |
| 370902.00 | 3761936.00 | 5.95E-03 | 1.03E-04 | 1.27E-04 |
| 370907.00 | 3761936.00 | 6.67E-03 | 1.03E-04 | 1.38E-04 |
| 370912.00 | 3761936.00 | 7.45E-03 | 1.03E-04 | 1.47E-04 |
| 370917.00 | 3761936.00 | 8.29E-03 | 1.04E-04 | 1.53E-04 |
| 370922.00 | 3761936.00 | 9.13E-03 | 1.04E-04 | 1.56E-04 |
| 370927.00 | 3761936.00 | 9.92E-03 | 1.05E-04 | 1.56E-04 |
| 370797.00 | 3761941.00 | 1.10E-03 | 1.27E-04 | 1.52E-05 |
| 370802.00 | 3761941.00 | 1.17E-03 | 1.24E-04 | 1.62E-05 |
| 370807.00 | 3761941.00 | 1.23E-03 | 1.21E-04 | 1.73E-05 |
| 370812.00 | 3761941.00 | 1.30E-03 | 1.18E-04 | 1.85E-05 |
| 370817.00 | 3761941.00 | 1.38E-03 | 1.16E-04 | 1.98E-05 |
| 370822.00 | 3761941.00 | 1.46E-03 | 1.14E-04 | 2.13E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370862.00 | 3761931.00 | 1.04E-06 | 3.77E-08 | 1.90E-08 |
| 370867.00 | 3761931.00 | 1.14E-06 | 3.75E-08 | 2.14E-08 |
| 370887.00 | 3761931.00 | 1.68E-06 | 3.72E-08 | 3.66E-08 |
| 370892.00 | 3761931.00 | 1.87E-06 | 3.72E-08 | 4.18E-08 |
| 370897.00 | 3761931.00 | 2.10E-06 | 3.73E-08 | 4.74E-08 |
| 370902.00 | 3761931.00 | 2.36E-06 | 3.73E-08 | 5.28E-08 |
| 370907.00 | 3761931.00 | 2.67E-06 | 3.74E-08 | 5.75E-08 |
| 370912.00 | 3761931.00 | 3.00E-06 | 3.76E-08 | 6.09E-08 |
| 370917.00 | 3761931.00 | 3.35E-06 | 3.78E-08 | 6.30E-08 |
| 370922.00 | 3761931.00 | 3.71E-06 | 3.80E-08 | 6.35E-08 |
| 370792.00 | 3761936.00 | 3.85E-07 | 4.63E-08 | 5.30E-09 |
| 370797.00 | 3761936.00 | 4.07E-07 | 4.52E-08 | 5.66E-09 |
| 370802.00 | 3761936.00 | 4.30E-07 | 4.41E-08 | 6.06E-09 |
| 370807.00 | 3761936.00 | 4.55E-07 | 4.31E-08 | 6.49E-09 |
| 370812.00 | 3761936.00 | 4.82E-07 | 4.22E-08 | 6.96E-09 |
| 370817.00 | 3761936.00 | 5.12E-07 | 4.13E-08 | 7.49E-09 |
| 370822.00 | 3761936.00 | 5.44E-07 | 4.05E-08 | 8.07E-09 |
| 370827.00 | 3761936.00 | 5.79E-07 | 3.98E-08 | 8.72E-09 |
| 370832.00 | 3761936.00 | 6.17E-07 | 3.92E-08 | 9.45E-09 |
| 370837.00 | 3761936.00 | 6.58E-07 | 3.85E-08 | 1.03E-08 |
| 370842.00 | 3761936.00 | 7.04E-07 | 3.80E-08 | 1.12E-08 |
| 370847.00 | 3761936.00 | 7.54E-07 | 3.75E-08 | 1.23E-08 |
| 370852.00 | 3761936.00 | 8.10E-07 | 3.71E-08 | 1.35E-08 |
| 370857.00 | 3761936.00 | 8.73E-07 | 3.67E-08 | 1.50E-08 |
| 370862.00 | 3761936.00 | 9.44E-07 | 3.64E-08 | 1.67E-08 |
| 370867.00 | 3761936.00 | 1.02E-06 | 3.61E-08 | 1.87E-08 |
| 370872.00 | 3761936.00 | 1.12E-06 | 3.59E-08 | 2.11E-08 |
| 370892.00 | 3761936.00 | 1.65E-06 | 3.56E-08 | 3.51E-08 |
| 370897.00 | 3761936.00 | 1.84E-06 | 3.57E-08 | 3.95E-08 |
| 370902.00 | 3761936.00 | 2.06E-06 | 3.57E-08 | 4.38E-08 |
| 370907.00 | 3761936.00 | 2.31E-06 | 3.57E-08 | 4.77E-08 |
| 370912.00 | 3761936.00 | 2.58E-06 | 3.58E-08 | 5.08E-08 |
| 370917.00 | 3761936.00 | 2.87E-06 | 3.59E-08 | 5.29E-08 |
| 370922.00 | 3761936.00 | 3.16E-06 | 3.61E-08 | 5.40E-08 |
| 370927.00 | 3761936.00 | 3.43E-06 | 3.62E-08 | 5.40E-08 |
| 370797.00 | 3761941.00 | 3.82E-07 | 4.39E-08 | 5.25E-09 |
| 370802.00 | 3761941.00 | 4.04E-07 | 4.28E-08 | 5.60E-09 |
| 370807.00 | 3761941.00 | 4.26E-07 | 4.19E-08 | 5.98E-09 |
| 370812.00 | 3761941.00 | 4.51E-07 | 4.10E-08 | 6.40E-09 |
| 370817.00 | 3761941.00 | 4.77E-07 | 4.01E-08 | 6.86E-09 |
| 370822.00 | 3761941.00 | 5.06E-07 | 3.94E-08 | 7.36E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370827.00 | 3761941.00 | 1.55E-03 | 1.12E-04 | 2.29E-05 |
| 370832.00 | 3761941.00 | 1.65E-03 | 1.10E-04 | 2.47E-05 |
| 370837.00 | 3761941.00 | 1.75E-03 | 1.08E-04 | 2.68E-05 |
| 370842.00 | 3761941.00 | 1.87E-03 | 1.06E-04 | 2.91E-05 |
| 370847.00 | 3761941.00 | 2.00E-03 | 1.05E-04 | 3.18E-05 |
| 370852.00 | 3761941.00 | 2.14E-03 | 1.04E-04 | 3.48E-05 |
| 370857.00 | 3761941.00 | 2.30E-03 | 1.03E-04 | 3.84E-05 |
| 370862.00 | 3761941.00 | 2.48E-03 | 1.02E-04 | 4.25E-05 |
| 370867.00 | 3761941.00 | 2.68E-03 | 1.01E-04 | 4.74E-05 |
| 370872.00 | 3761941.00 | 2.91E-03 | 1.00E-04 | 5.31E-05 |
| 370877.00 | 3761941.00 | 3.17E-03 | 9.95E-05 | 5.98E-05 |
| 370897.00 | 3761941.00 | 4.69E-03 | 9.88E-05 | 9.62E-05 |
| 370902.00 | 3761941.00 | 5.22E-03 | 9.88E-05 | 1.06E-04 |
| 370907.00 | 3761941.00 | 5.82E-03 | 9.88E-05 | 1.16E-04 |
| 370912.00 | 3761941.00 | 6.46E-03 | 9.89E-05 | 1.24E-04 |
| 370917.00 | 3761941.00 | 7.15E-03 | 9.91E-05 | 1.30E-04 |
| 370922.00 | 3761941.00 | 7.85E-03 | 9.93E-05 | 1.33E-04 |
| 370927.00 | 3761941.00 | 8.53E-03 | 9.97E-05 | 1.35E-04 |
| 370932.00 | 3761941.00 | 9.15E-03 | 1.00E-04 | 1.34E-04 |
| 370802.00 | 3761946.00 | 1.09E-03 | 1.20E-04 | 1.50E-05 |
| 370807.00 | 3761946.00 | 1.15E-03 | 1.18E-04 | 1.59E-05 |
| 370812.00 | 3761946.00 | 1.22E-03 | 1.15E-04 | 1.70E-05 |
| 370817.00 | 3761946.00 | 1.29E-03 | 1.13E-04 | 1.82E-05 |
| 370822.00 | 3761946.00 | 1.36E-03 | 1.11E-04 | 1.95E-05 |
| 370827.00 | 3761946.00 | 1.44E-03 | 1.09E-04 | 2.09E-05 |
| 370832.00 | 3761946.00 | 1.53E-03 | 1.07E-04 | 2.25E-05 |
| 370837.00 | 3761946.00 | 1.62E-03 | 1.05E-04 | 2.42E-05 |
| 370842.00 | 3761946.00 | 1.72E-03 | 1.03E-04 | 2.63E-05 |
| 370847.00 | 3761946.00 | 1.84E-03 | 1.02E-04 | 2.86E-05 |
| 370852.00 | 3761946.00 | 1.96E-03 | 1.00E-04 | 3.12E-05 |
| 370857.00 | 3761946.00 | 2.10E-03 | 9.93E-05 | 3.42E-05 |
| 370862.00 | 3761946.00 | 2.26E-03 | 9.83E-05 | 3.78E-05 |
| 370867.00 | 3761946.00 | 2.43E-03 | 9.74E-05 | 4.19E-05 |
| 370872.00 | 3761946.00 | 2.63E-03 | 9.66E-05 | 4.67E-05 |
| 370877.00 | 3761946.00 | 2.86E-03 | 9.60E-05 | 5.23E-05 |
| 370882.00 | 3761946.00 | 3.12E-03 | 9.56E-05 | 5.86E-05 |
| 370897.00 | 3761946.00 | 4.16E-03 | 9.49E-05 | 8.20E-05 |
| 370902.00 | 3761946.00 | 4.61E-03 | 9.49E-05 | 9.03E-05 |
| 370907.00 | 3761946.00 | 5.11E-03 | 9.48E-05 | 9.82E-05 |
| 370912.00 | 3761946.00 | 5.65E-03 | 9.47E-05 | 1.05E-04 |
| 370917.00 | 3761946.00 | 6.22E-03 | 9.48E-05 | 1.11E-04 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370827.00 | 3761941.00 | 5.37E-07 | 3.87E-08 | 7.93E-09 |
| 370832.00 | 3761941.00 | 5.70E-07 | 3.80E-08 | 8.56E-09 |
| 370837.00 | 3761941.00 | 6.07E-07 | 3.74E-08 | 9.27E-09 |
| 370842.00 | 3761941.00 | 6.47E-07 | 3.68E-08 | 1.01E-08 |
| 370847.00 | 3761941.00 | 6.92E-07 | 3.63E-08 | 1.10E-08 |
| 370852.00 | 3761941.00 | 7.41E-07 | 3.59E-08 | 1.20E-08 |
| 370857.00 | 3761941.00 | 7.96E-07 | 3.55E-08 | 1.33E-08 |
| 370862.00 | 3761941.00 | 8.57E-07 | 3.52E-08 | 1.47E-08 |
| 370867.00 | 3761941.00 | 9.27E-07 | 3.49E-08 | 1.64E-08 |
| 370872.00 | 3761941.00 | 1.01E-06 | 3.46E-08 | 1.84E-08 |
| 370877.00 | 3761941.00 | 1.10E-06 | 3.44E-08 | 2.07E-08 |
| 370897.00 | 3761941.00 | 1.62E-06 | 3.42E-08 | 3.33E-08 |
| 370902.00 | 3761941.00 | 1.81E-06 | 3.42E-08 | 3.68E-08 |
| 370907.00 | 3761941.00 | 2.01E-06 | 3.42E-08 | 4.01E-08 |
| 370912.00 | 3761941.00 | 2.24E-06 | 3.42E-08 | 4.28E-08 |
| 370917.00 | 3761941.00 | 2.48E-06 | 3.43E-08 | 4.49E-08 |
| 370922.00 | 3761941.00 | 2.72E-06 | 3.44E-08 | 4.62E-08 |
| 370927.00 | 3761941.00 | 2.95E-06 | 3.45E-08 | 4.67E-08 |
| 370932.00 | 3761941.00 | 3.17E-06 | 3.46E-08 | 4.65E-08 |
| 370802.00 | 3761946.00 | 3.79E-07 | 4.17E-08 | 5.18E-09 |
| 370807.00 | 3761946.00 | 3.99E-07 | 4.07E-08 | 5.52E-09 |
| 370812.00 | 3761946.00 | 4.21E-07 | 3.98E-08 | 5.89E-09 |
| 370817.00 | 3761946.00 | 4.45E-07 | 3.90E-08 | 6.29E-09 |
| 370822.00 | 3761946.00 | 4.71E-07 | 3.83E-08 | 6.73E-09 |
| 370827.00 | 3761946.00 | 4.98E-07 | 3.76E-08 | 7.23E-09 |
| 370832.00 | 3761946.00 | 5.28E-07 | 3.69E-08 | 7.78E-09 |
| 370837.00 | 3761946.00 | 5.61E-07 | 3.63E-08 | 8.39E-09 |
| 370842.00 | 3761946.00 | 5.97E-07 | 3.58E-08 | 9.09E-09 |
| 370847.00 | 3761946.00 | 6.36E-07 | 3.52E-08 | 9.88E-09 |
| 370852.00 | 3761946.00 | 6.79E-07 | 3.48E-08 | 1.08E-08 |
| 370857.00 | 3761946.00 | 7.28E-07 | 3.44E-08 | 1.18E-08 |
| 370862.00 | 3761946.00 | 7.82E-07 | 3.40E-08 | 1.31E-08 |
| 370867.00 | 3761946.00 | 8.42E-07 | 3.37E-08 | 1.45E-08 |
| 370872.00 | 3761946.00 | 9.11E-07 | 3.34E-08 | 1.62E-08 |
| 370877.00 | 3761946.00 | 9.90E-07 | 3.32E-08 | 1.81E-08 |
| 370882.00 | 3761946.00 | 1.08E-06 | 3.31E-08 | 2.03E-08 |
| 370897.00 | 3761946.00 | 1.44E-06 | 3.29E-08 | 2.84E-08 |
| 370902.00 | 3761946.00 | 1.60E-06 | 3.28E-08 | 3.13E-08 |
| 370907.00 | 3761946.00 | 1.77E-06 | 3.28E-08 | 3.40E-08 |
| 370912.00 | 3761946.00 | 1.96E-06 | 3.28E-08 | 3.64E-08 |
| 370917.00 | 3761946.00 | 2.15E-06 | 3.28E-08 | 3.83E-08 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370922.00 | 3761946.00 | 6.81E-03 | 9.50E-05 | 1.15E-04 |
| 370927.00 | 3761946.00 | 7.39E-03 | 9.52E-05 | 1.17E-04 |
| 370932.00 | 3761946.00 | 7.93E-03 | 9.54E-05 | 1.18E-04 |
| 370937.00 | 3761946.00 | 8.41E-03 | 9.56E-05 | 1.17E-04 |
| 370807.00 | 3761951.00 | 1.08E-03 | 1.14E-04 | 1.47E-05 |
| 370812.00 | 3761951.00 | 1.14E-03 | 1.12E-04 | 1.57E-05 |
| 370817.00 | 3761951.00 | 1.20E-03 | 1.10E-04 | 1.67E-05 |
| 370822.00 | 3761951.00 | 1.27E-03 | 1.08E-04 | 1.78E-05 |
| 370827.00 | 3761951.00 | 1.34E-03 | 1.05E-04 | 1.91E-05 |
| 370832.00 | 3761951.00 | 1.42E-03 | 1.04E-04 | 2.05E-05 |
| 370837.00 | 3761951.00 | 1.50E-03 | 1.02E-04 | 2.20E-05 |
| 370842.00 | 3761951.00 | 1.59E-03 | 1.00E-04 | 2.38E-05 |
| 370847.00 | 3761951.00 | 1.69E-03 | 9.88E-05 | 2.58E-05 |
| 370852.00 | 3761951.00 | 1.80E-03 | 9.75E-05 | 2.81E-05 |
| 370857.00 | 3761951.00 | 1.93E-03 | 9.63E-05 | 3.07E-05 |
| 370862.00 | 3761951.00 | 2.06E-03 | 9.52E-05 | 3.37E-05 |
| 370867.00 | 3761951.00 | 2.22E-03 | 9.43E-05 | 3.72E-05 |
| 370872.00 | 3761951.00 | 2.39E-03 | 9.35E-05 | 4.13E-05 |
| 370877.00 | 3761951.00 | 2.59E-03 | 9.29E-05 | 4.60E-05 |
| 370882.00 | 3761951.00 | 2.82E-03 | 9.24E-05 | 5.13E-05 |
| 370902.00 | 3761951.00 | 4.09E-03 | 9.13E-05 | 7.75E-05 |
| 370907.00 | 3761951.00 | 4.51E-03 | 9.11E-05 | 8.41E-05 |
| 370912.00 | 3761951.00 | 4.97E-03 | 9.10E-05 | 9.02E-05 |
| 370917.00 | 3761951.00 | 5.45E-03 | 9.10E-05 | 9.53E-05 |
| 370922.00 | 3761951.00 | 5.95E-03 | 9.10E-05 | 9.92E-05 |
| 370927.00 | 3761951.00 | 6.45E-03 | 9.11E-05 | 1.02E-04 |
| 370932.00 | 3761951.00 | 6.92E-03 | 9.13E-05 | 1.03E-04 |
| 370937.00 | 3761951.00 | 7.35E-03 | 9.14E-05 | 1.03E-04 |
| 370942.00 | 3761951.00 | 7.72E-03 | 9.15E-05 | 1.02E-04 |
| 370807.00 | 3761956.00 | 1.02E-03 | 1.11E-04 | 1.36E-05 |
| 370812.00 | 3761956.00 | 1.07E-03 | 1.09E-04 | 1.45E-05 |
| 370817.00 | 3761956.00 | 1.12E-03 | 1.07E-04 | 1.54E-05 |
| 370822.00 | 3761956.00 | 1.18E-03 | 1.05E-04 | 1.64E-05 |
| 370827.00 | 3761956.00 | 1.25E-03 | 1.03E-04 | 1.75E-05 |
| 370832.00 | 3761956.00 | 1.32E-03 | 1.01E-04 | 1.87E-05 |
| 370837.00 | 3761956.00 | 1.39E-03 | 9.91E-05 | 2.01E-05 |
| 370842.00 | 3761956.00 | 1.47E-03 | 9.75E-05 | 2.16E-05 |
| 370847.00 | 3761956.00 | 1.56E-03 | 9.61E-05 | 2.34E-05 |
| 370852.00 | 3761956.00 | 1.66E-03 | 9.47E-05 | 2.53E-05 |
| 370857.00 | 3761956.00 | 1.77E-03 | 9.35E-05 | 2.76E-05 |
| 370862.00 | 3761956.00 | 1.89E-03 | 9.24E-05 | 3.02E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370922.00 | 3761946.00 | 2.36E-06 | 3.29E-08 | 3.97E-08 |
| 370927.00 | 3761946.00 | 2.56E-06 | 3.29E-08 | 4.05E-08 |
| 370932.00 | 3761946.00 | 2.74E-06 | 3.30E-08 | 4.07E-08 |
| 370937.00 | 3761946.00 | 2.91E-06 | 3.31E-08 | 4.03E-08 |
| 370807.00 | 3761951.00 | 3.75E-07 | 3.96E-08 | 5.10E-09 |
| 370812.00 | 3761951.00 | 3.94E-07 | 3.88E-08 | 5.42E-09 |
| 370817.00 | 3761951.00 | 4.16E-07 | 3.80E-08 | 5.78E-09 |
| 370822.00 | 3761951.00 | 4.39E-07 | 3.72E-08 | 6.17E-09 |
| 370827.00 | 3761951.00 | 4.63E-07 | 3.65E-08 | 6.61E-09 |
| 370832.00 | 3761951.00 | 4.90E-07 | 3.59E-08 | 7.09E-09 |
| 370837.00 | 3761951.00 | 5.19E-07 | 3.53E-08 | 7.63E-09 |
| 370842.00 | 3761951.00 | 5.51E-07 | 3.47E-08 | 8.23E-09 |
| 370847.00 | 3761951.00 | 5.86E-07 | 3.42E-08 | 8.92E-09 |
| 370852.00 | 3761951.00 | 6.24E-07 | 3.37E-08 | 9.71E-09 |
| 370857.00 | 3761951.00 | 6.67E-07 | 3.33E-08 | 1.06E-08 |
| 370862.00 | 3761951.00 | 7.15E-07 | 3.30E-08 | 1.17E-08 |
| 370867.00 | 3761951.00 | 7.68E-07 | 3.26E-08 | 1.29E-08 |
| 370872.00 | 3761951.00 | 8.29E-07 | 3.24E-08 | 1.43E-08 |
| 370877.00 | 3761951.00 | 8.98E-07 | 3.21E-08 | 1.59E-08 |
| 370882.00 | 3761951.00 | 9.76E-07 | 3.20E-08 | 1.78E-08 |
| 370902.00 | 3761951.00 | 1.42E-06 | 3.16E-08 | 2.68E-08 |
| 370907.00 | 3761951.00 | 1.56E-06 | 3.15E-08 | 2.91E-08 |
| 370912.00 | 3761951.00 | 1.72E-06 | 3.15E-08 | 3.12E-08 |
| 370917.00 | 3761951.00 | 1.89E-06 | 3.15E-08 | 3.30E-08 |
| 370922.00 | 3761951.00 | 2.06E-06 | 3.15E-08 | 3.43E-08 |
| 370927.00 | 3761951.00 | 2.23E-06 | 3.15E-08 | 3.53E-08 |
| 370932.00 | 3761951.00 | 2.40E-06 | 3.16E-08 | 3.57E-08 |
| 370937.00 | 3761951.00 | 2.54E-06 | 3.16E-08 | 3.57E-08 |
| 370942.00 | 3761951.00 | 2.67E-06 | 3.17E-08 | 3.54E-08 |
| 370807.00 | 3761956.00 | 3.52E-07 | 3.85E-08 | 4.72E-09 |
| 370812.00 | 3761956.00 | 3.70E-07 | 3.77E-08 | 5.01E-09 |
| 370817.00 | 3761956.00 | 3.89E-07 | 3.69E-08 | 5.32E-09 |
| 370822.00 | 3761956.00 | 4.09E-07 | 3.62E-08 | 5.67E-09 |
| 370827.00 | 3761956.00 | 4.32E-07 | 3.55E-08 | 6.05E-09 |
| 370832.00 | 3761956.00 | 4.56E-07 | 3.49E-08 | 6.48E-09 |
| 370837.00 | 3761956.00 | 4.82E-07 | 3.43E-08 | 6.95E-09 |
| 370842.00 | 3761956.00 | 5.10E-07 | 3.38E-08 | 7.48E-09 |
| 370847.00 | 3761956.00 | 5.41E-07 | 3.33E-08 | 8.09E-09 |
| 370852.00 | 3761956.00 | 5.75E-07 | 3.28E-08 | 8.78E-09 |
| 370857.00 | 3761956.00 | 6.13E-07 | 3.24E-08 | 9.56E-09 |
| 370862.00 | 3761956.00 | 6.56E-07 | 3.20E-08 | 1.05E-08 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370867.00 | 3761956.00 | 2.03E-03 | 9.14E-05 | 3.33E-05 |
| 370872.00 | 3761956.00 | 2.18E-03 | 9.06E-05 | 3.67E-05 |
| 370877.00 | 3761956.00 | 2.36E-03 | 8.99E-05 | 4.07E-05 |
| 370882.00 | 3761956.00 | 2.56E-03 | 8.93E-05 | 4.51E-05 |
| 370887.00 | 3761956.00 | 2.78E-03 | 8.88E-05 | 5.01E-05 |
| 370907.00 | 3761956.00 | 4.01E-03 | 8.78E-05 | 7.27E-05 |
| 370912.00 | 3761956.00 | 4.40E-03 | 8.76E-05 | 7.79E-05 |
| 370917.00 | 3761956.00 | 4.81E-03 | 8.75E-05 | 8.25E-05 |
| 370922.00 | 3761956.00 | 5.24E-03 | 8.74E-05 | 8.63E-05 |
| 370927.00 | 3761956.00 | 5.67E-03 | 8.74E-05 | 8.91E-05 |
| 370932.00 | 3761956.00 | 6.08E-03 | 8.75E-05 | 9.08E-05 |
| 370937.00 | 3761956.00 | 6.46E-03 | 8.75E-05 | 9.15E-05 |
| 370942.00 | 3761956.00 | 6.80E-03 | 8.76E-05 | 9.13E-05 |
| 370812.00 | 3761961.00 | 1.00E-03 | 1.06E-04 | 1.34E-05 |
| 370817.00 | 3761961.00 | 1.05E-03 | 1.04E-04 | 1.42E-05 |
| 370822.00 | 3761961.00 | 1.11E-03 | 1.02E-04 | 1.51E-05 |
| 370827.00 | 3761961.00 | 1.16E-03 | 1.00E-04 | 1.61E-05 |
| 370832.00 | 3761961.00 | 1.23E-03 | 9.81E-05 | 1.72E-05 |
| 370837.00 | 3761961.00 | 1.29E-03 | 9.65E-05 | 1.84E-05 |
| 370842.00 | 3761961.00 | 1.37E-03 | 9.49E-05 | 1.97E-05 |
| 370847.00 | 3761961.00 | 1.45E-03 | 9.35E-05 | 2.13E-05 |
| 370852.00 | 3761961.00 | 1.54E-03 | 9.21E-05 | 2.30E-05 |
| 370857.00 | 3761961.00 | 1.63E-03 | 9.09E-05 | 2.50E-05 |
| 370862.00 | 3761961.00 | 1.74E-03 | 8.98E-05 | 2.72E-05 |
| 370867.00 | 3761961.00 | 1.86E-03 | 8.88E-05 | 2.98E-05 |
| 370872.00 | 3761961.00 | 2.00E-03 | 8.79E-05 | 3.28E-05 |
| 370877.00 | 3761961.00 | 2.15E-03 | 8.71E-05 | 3.62E-05 |
| 370882.00 | 3761961.00 | 2.33E-03 | 8.65E-05 | 4.00E-05 |
| 370887.00 | 3761961.00 | 2.53E-03 | 8.59E-05 | 4.41E-05 |
| 370892.00 | 3761961.00 | 2.75E-03 | 8.55E-05 | 4.87E-05 |
| 370912.00 | 3761961.00 | 3.92E-03 | 8.45E-05 | 6.78E-05 |
| 370917.00 | 3761961.00 | 4.27E-03 | 8.43E-05 | 7.19E-05 |
| 370922.00 | 3761961.00 | 4.64E-03 | 8.41E-05 | 7.55E-05 |
| 370927.00 | 3761961.00 | 5.01E-03 | 8.40E-05 | 7.82E-05 |
| 370932.00 | 3761961.00 | 5.37E-03 | 8.40E-05 | 8.02E-05 |
| 370937.00 | 3761961.00 | 5.71E-03 | 8.40E-05 | 8.13E-05 |
| 370942.00 | 3761961.00 | 6.02E-03 | 8.40E-05 | 8.17E-05 |
| 370817.00 | 3761966.00 | 9.86E-04 | 1.01E-04 | 1.31E-05 |
| 370822.00 | 3761966.00 | 1.03E-03 | 9.93E-05 | 1.39E-05 |
| 370827.00 | 3761966.00 | 1.09E-03 | 9.74E-05 | 1.48E-05 |
| 370832.00 | 3761966.00 | 1.14E-03 | 9.56E-05 | 1.58E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370867.00 | 3761956.00 | 7.03E-07 | 3.17E-08 | 1.15E-08 |
| 370872.00 | 3761956.00 | 7.56E-07 | 3.14E-08 | 1.27E-08 |
| 370877.00 | 3761956.00 | 8.17E-07 | 3.11E-08 | 1.41E-08 |
| 370882.00 | 3761956.00 | 8.85E-07 | 3.09E-08 | 1.56E-08 |
| 370887.00 | 3761956.00 | 9.63E-07 | 3.08E-08 | 1.73E-08 |
| 370907.00 | 3761956.00 | 1.39E-06 | 3.04E-08 | 2.52E-08 |
| 370912.00 | 3761956.00 | 1.52E-06 | 3.03E-08 | 2.70E-08 |
| 370917.00 | 3761956.00 | 1.67E-06 | 3.03E-08 | 2.86E-08 |
| 370922.00 | 3761956.00 | 1.81E-06 | 3.03E-08 | 2.99E-08 |
| 370927.00 | 3761956.00 | 1.96E-06 | 3.03E-08 | 3.08E-08 |
| 370932.00 | 3761956.00 | 2.10E-06 | 3.03E-08 | 3.14E-08 |
| 370937.00 | 3761956.00 | 2.24E-06 | 3.03E-08 | 3.17E-08 |
| 370942.00 | 3761956.00 | 2.36E-06 | 3.03E-08 | 3.16E-08 |
| 370812.00 | 3761961.00 | 3.47E-07 | 3.67E-08 | 4.63E-09 |
| 370817.00 | 3761961.00 | 3.64E-07 | 3.60E-08 | 4.91E-09 |
| 370822.00 | 3761961.00 | 3.83E-07 | 3.53E-08 | 5.22E-09 |
| 370827.00 | 3761961.00 | 4.03E-07 | 3.46E-08 | 5.56E-09 |
| 370832.00 | 3761961.00 | 4.24E-07 | 3.40E-08 | 5.94E-09 |
| 370837.00 | 3761961.00 | 4.48E-07 | 3.34E-08 | 6.36E-09 |
| 370842.00 | 3761961.00 | 4.73E-07 | 3.29E-08 | 6.83E-09 |
| 370847.00 | 3761961.00 | 5.01E-07 | 3.24E-08 | 7.36E-09 |
| 370852.00 | 3761961.00 | 5.32E-07 | 3.19E-08 | 7.96E-09 |
| 370857.00 | 3761961.00 | 5.65E-07 | 3.15E-08 | 8.65E-09 |
| 370862.00 | 3761961.00 | 6.03E-07 | 3.11E-08 | 9.43E-09 |
| 370867.00 | 3761961.00 | 6.45E-07 | 3.07E-08 | 1.03E-08 |
| 370872.00 | 3761961.00 | 6.92E-07 | 3.04E-08 | 1.14E-08 |
| 370877.00 | 3761961.00 | 7.46E-07 | 3.02E-08 | 1.25E-08 |
| 370882.00 | 3761961.00 | 8.06E-07 | 2.99E-08 | 1.38E-08 |
| 370887.00 | 3761961.00 | 8.74E-07 | 2.97E-08 | 1.53E-08 |
| 370892.00 | 3761961.00 | 9.51E-07 | 2.96E-08 | 1.69E-08 |
| 370912.00 | 3761961.00 | 1.36E-06 | 2.92E-08 | 2.35E-08 |
| 370917.00 | 3761961.00 | 1.48E-06 | 2.92E-08 | 2.49E-08 |
| 370922.00 | 3761961.00 | 1.61E-06 | 2.91E-08 | 2.61E-08 |
| 370927.00 | 3761961.00 | 1.73E-06 | 2.91E-08 | 2.71E-08 |
| 370932.00 | 3761961.00 | 1.86E-06 | 2.91E-08 | 2.78E-08 |
| 370937.00 | 3761961.00 | 1.98E-06 | 2.91E-08 | 2.81E-08 |
| 370942.00 | 3761961.00 | 2.09E-06 | 2.91E-08 | 2.83E-08 |
| 370817.00 | 3761966.00 | 3.41E-07 | 3.51E-08 | 4.55E-09 |
| 370822.00 | 3761966.00 | 3.58E-07 | 3.44E-08 | 4.82E-09 |
| 370827.00 | 3761966.00 | 3.76E-07 | 3.37E-08 | 5.12E-09 |
| 370832.00 | 3761966.00 | 3.96E-07 | 3.31E-08 | 5.46E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370837.00 | 3761966.00 | 1.20E-03 | 9.40E-05 | 1.68E-05 |
| 370842.00 | 3761966.00 | 1.27E-03 | 9.24E-05 | 1.80E-05 |
| 370847.00 | 3761966.00 | 1.34E-03 | 9.10E-05 | 1.94E-05 |
| 370852.00 | 3761966.00 | 1.42E-03 | 8.97E-05 | 2.09E-05 |
| 370857.00 | 3761966.00 | 1.51E-03 | 8.84E-05 | 2.27E-05 |
| 370862.00 | 3761966.00 | 1.61E-03 | 8.73E-05 | 2.47E-05 |
| 370867.00 | 3761966.00 | 1.72E-03 | 8.63E-05 | 2.69E-05 |
| 370872.00 | 3761966.00 | 1.84E-03 | 8.54E-05 | 2.95E-05 |
| 370877.00 | 3761966.00 | 1.97E-03 | 8.46E-05 | 3.24E-05 |
| 370882.00 | 3761966.00 | 2.13E-03 | 8.39E-05 | 3.56E-05 |
| 370887.00 | 3761966.00 | 2.30E-03 | 8.33E-05 | 3.91E-05 |
| 370892.00 | 3761966.00 | 2.50E-03 | 8.28E-05 | 4.30E-05 |
| 370897.00 | 3761966.00 | 2.71E-03 | 8.24E-05 | 4.70E-05 |
| 370912.00 | 3761966.00 | 3.51E-03 | 8.15E-05 | 5.94E-05 |
| 370917.00 | 3761966.00 | 3.81E-03 | 8.13E-05 | 6.31E-05 |
| 370922.00 | 3761966.00 | 4.13E-03 | 8.11E-05 | 6.63E-05 |
| 370927.00 | 3761966.00 | 4.45E-03 | 8.10E-05 | 6.90E-05 |
| 370932.00 | 3761966.00 | 4.77E-03 | 8.09E-05 | 7.10E-05 |
| 370937.00 | 3761966.00 | 5.07E-03 | 8.08E-05 | 7.24E-05 |
| 370942.00 | 3761966.00 | 5.36E-03 | 8.08E-05 | 7.31E-05 |
| 370947.00 | 3761966.00 | 5.61E-03 | 8.07E-05 | 7.32E-05 |
| 370822.00 | 3761971.00 | 9.70E-04 | 9.68E-05 | 1.29E-05 |
| 370827.00 | 3761971.00 | 1.02E-03 | 9.49E-05 | 1.37E-05 |
| 370832.00 | 3761971.00 | 1.07E-03 | 9.32E-05 | 1.45E-05 |
| 370837.00 | 3761971.00 | 1.12E-03 | 9.16E-05 | 1.55E-05 |
| 370842.00 | 3761971.00 | 1.18E-03 | 9.01E-05 | 1.66E-05 |
| 370847.00 | 3761971.00 | 1.25E-03 | 8.86E-05 | 1.78E-05 |
| 370852.00 | 3761971.00 | 1.32E-03 | 8.73E-05 | 1.91E-05 |
| 370857.00 | 3761971.00 | 1.40E-03 | 8.60E-05 | 2.06E-05 |
| 370862.00 | 3761971.00 | 1.49E-03 | 8.49E-05 | 2.24E-05 |
| 370867.00 | 3761971.00 | 1.58E-03 | 8.39E-05 | 2.44E-05 |
| 370872.00 | 3761971.00 | 1.69E-03 | 8.30E-05 | 2.66E-05 |
| 370877.00 | 3761971.00 | 1.81E-03 | 8.22E-05 | 2.91E-05 |
| 370882.00 | 3761971.00 | 1.95E-03 | 8.14E-05 | 3.18E-05 |
| 370887.00 | 3761971.00 | 2.10E-03 | 8.08E-05 | 3.49E-05 |
| 370892.00 | 3761971.00 | 2.27E-03 | 8.02E-05 | 3.82E-05 |
| 370897.00 | 3761971.00 | 2.47E-03 | 7.98E-05 | 4.16E-05 |
| 370917.00 | 3761971.00 | 3.42E-03 | 7.86E-05 | 5.56E-05 |
| 370922.00 | 3761971.00 | 3.69E-03 | 7.84E-05 | 5.86E-05 |
| 370927.00 | 3761971.00 | 3.98E-03 | 7.81E-05 | 6.11E-05 |
| 370932.00 | 3761971.00 | 4.25E-03 | 7.80E-05 | 6.31E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370837.00 | 3761966.00 | 4.17E-07 | 3.25E-08 | 5.83E-09 |
| 370842.00 | 3761966.00 | 4.40E-07 | 3.20E-08 | 6.25E-09 |
| 370847.00 | 3761966.00 | 4.65E-07 | 3.15E-08 | 6.71E-09 |
| 370852.00 | 3761966.00 | 4.92E-07 | 3.10E-08 | 7.24E-09 |
| 370857.00 | 3761966.00 | 5.23E-07 | 3.06E-08 | 7.85E-09 |
| 370862.00 | 3761966.00 | 5.56E-07 | 3.02E-08 | 8.53E-09 |
| 370867.00 | 3761966.00 | 5.94E-07 | 2.99E-08 | 9.31E-09 |
| 370872.00 | 3761966.00 | 6.36E-07 | 2.96E-08 | 1.02E-08 |
| 370877.00 | 3761966.00 | 6.83E-07 | 2.93E-08 | 1.12E-08 |
| 370882.00 | 3761966.00 | 7.36E-07 | 2.90E-08 | 1.23E-08 |
| 370887.00 | 3761966.00 | 7.97E-07 | 2.88E-08 | 1.35E-08 |
| 370892.00 | 3761966.00 | 8.64E-07 | 2.87E-08 | 1.49E-08 |
| 370897.00 | 3761966.00 | 9.39E-07 | 2.85E-08 | 1.63E-08 |
| 370912.00 | 3761966.00 | 1.21E-06 | 2.82E-08 | 2.06E-08 |
| 370917.00 | 3761966.00 | 1.32E-06 | 2.82E-08 | 2.18E-08 |
| 370922.00 | 3761966.00 | 1.43E-06 | 2.81E-08 | 2.30E-08 |
| 370927.00 | 3761966.00 | 1.54E-06 | 2.80E-08 | 2.39E-08 |
| 370932.00 | 3761966.00 | 1.65E-06 | 2.80E-08 | 2.46E-08 |
| 370937.00 | 3761966.00 | 1.76E-06 | 2.80E-08 | 2.51E-08 |
| 370942.00 | 3761966.00 | 1.85E-06 | 2.80E-08 | 2.53E-08 |
| 370947.00 | 3761966.00 | 1.94E-06 | 2.79E-08 | 2.54E-08 |
| 370822.00 | 3761971.00 | 3.36E-07 | 3.35E-08 | 4.46E-09 |
| 370827.00 | 3761971.00 | 3.52E-07 | 3.29E-08 | 4.73E-09 |
| 370832.00 | 3761971.00 | 3.70E-07 | 3.23E-08 | 5.03E-09 |
| 370837.00 | 3761971.00 | 3.89E-07 | 3.17E-08 | 5.36E-09 |
| 370842.00 | 3761971.00 | 4.10E-07 | 3.12E-08 | 5.73E-09 |
| 370847.00 | 3761971.00 | 4.32E-07 | 3.07E-08 | 6.15E-09 |
| 370852.00 | 3761971.00 | 4.57E-07 | 3.02E-08 | 6.62E-09 |
| 370857.00 | 3761971.00 | 4.84E-07 | 2.98E-08 | 7.15E-09 |
| 370862.00 | 3761971.00 | 5.15E-07 | 2.94E-08 | 7.75E-09 |
| 370867.00 | 3761971.00 | 5.48E-07 | 2.91E-08 | 8.43E-09 |
| 370872.00 | 3761971.00 | 5.86E-07 | 2.87E-08 | 9.20E-09 |
| 370877.00 | 3761971.00 | 6.28E-07 | 2.84E-08 | 1.01E-08 |
| 370882.00 | 3761971.00 | 6.75E-07 | 2.82E-08 | 1.10E-08 |
| 370887.00 | 3761971.00 | 7.28E-07 | 2.80E-08 | 1.21E-08 |
| 370892.00 | 3761971.00 | 7.88E-07 | 2.78E-08 | 1.32E-08 |
| 370897.00 | 3761971.00 | 8.54E-07 | 2.76E-08 | 1.44E-08 |
| 370917.00 | 3761971.00 | 1.18E-06 | 2.72E-08 | 1.92E-08 |
| 370922.00 | 3761971.00 | 1.28E-06 | 2.71E-08 | 2.03E-08 |
| 370927.00 | 3761971.00 | 1.38E-06 | 2.71E-08 | 2.11E-08 |
| 370932.00 | 3761971.00 | 1.47E-06 | 2.70E-08 | 2.19E-08 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370937.00 | 3761971.00 | 4.53E-03 | 7.79E-05 | 6.46E-05 |
| 370942.00 | 3761971.00 | 4.78E-03 | 7.78E-05 | 6.56E-05 |
| 370947.00 | 3761971.00 | 5.02E-03 | 7.77E-05 | 6.61E-05 |
| 370952.00 | 3761971.00 | 5.23E-03 | 7.76E-05 | 6.60E-05 |
| 370822.00 | 3761976.00 | 9.10E-04 | 9.44E-05 | 1.19E-05 |
| 370827.00 | 3761976.00 | 9.53E-04 | 9.26E-05 | 1.26E-05 |
| 370832.00 | 3761976.00 | 1.00E-03 | 9.09E-05 | 1.34E-05 |
| 370837.00 | 3761976.00 | 1.05E-03 | 8.93E-05 | 1.43E-05 |
| 370842.00 | 3761976.00 | 1.10E-03 | 8.78E-05 | 1.52E-05 |
| 370847.00 | 3761976.00 | 1.16E-03 | 8.64E-05 | 1.63E-05 |
| 370852.00 | 3761976.00 | 1.23E-03 | 8.51E-05 | 1.75E-05 |
| 370857.00 | 3761976.00 | 1.30E-03 | 8.38E-05 | 1.89E-05 |
| 370862.00 | 3761976.00 | 1.38E-03 | 8.27E-05 | 2.04E-05 |
| 370867.00 | 3761976.00 | 1.47E-03 | 8.17E-05 | 2.21E-05 |
| 370872.00 | 3761976.00 | 1.56E-03 | 8.08E-05 | 2.41E-05 |
| 370877.00 | 3761976.00 | 1.67E-03 | 7.99E-05 | 2.62E-05 |
| 370882.00 | 3761976.00 | 1.79E-03 | 7.91E-05 | 2.86E-05 |
| 370887.00 | 3761976.00 | 1.93E-03 | 7.85E-05 | 3.12E-05 |
| 370892.00 | 3761976.00 | 2.08E-03 | 7.79E-05 | 3.41E-05 |
| 370897.00 | 3761976.00 | 2.25E-03 | 7.74E-05 | 3.70E-05 |
| 370902.00 | 3761976.00 | 2.43E-03 | 7.69E-05 | 4.01E-05 |
| 370922.00 | 3761976.00 | 3.32E-03 | 7.58E-05 | 5.19E-05 |
| 370927.00 | 3761976.00 | 3.57E-03 | 7.55E-05 | 5.43E-05 |
| 370932.00 | 3761976.00 | 3.81E-03 | 7.53E-05 | 5.63E-05 |
| 370937.00 | 3761976.00 | 4.06E-03 | 7.51E-05 | 5.79E-05 |
| 370942.00 | 3761976.00 | 4.29E-03 | 7.50E-05 | 5.90E-05 |
| 370947.00 | 3761976.00 | 4.50E-03 | 7.49E-05 | 5.97E-05 |
| 370952.00 | 3761976.00 | 4.70E-03 | 7.47E-05 | 5.99E-05 |
| 370957.00 | 3761976.00 | 4.87E-03 | 7.46E-05 | 5.98E-05 |
| 370827.00 | 3761981.00 | 8.95E-04 | 9.03E-05 | 1.17E-05 |
| 370832.00 | 3761981.00 | 9.37E-04 | 8.87E-05 | 1.24E-05 |
| 370837.00 | 3761981.00 | 9.83E-04 | 8.71E-05 | 1.32E-05 |
| 370842.00 | 3761981.00 | 1.03E-03 | 8.57E-05 | 1.41E-05 |
| 370847.00 | 3761981.00 | 1.09E-03 | 8.43E-05 | 1.50E-05 |
| 370852.00 | 3761981.00 | 1.14E-03 | 8.30E-05 | 1.61E-05 |
| 370857.00 | 3761981.00 | 1.21E-03 | 8.18E-05 | 1.73E-05 |
| 370862.00 | 3761981.00 | 1.28E-03 | 8.06E-05 | 1.87E-05 |
| 370867.00 | 3761981.00 | 1.36E-03 | 7.96E-05 | 2.02E-05 |
| 370872.00 | 3761981.00 | 1.45E-03 | 7.87E-05 | 2.19E-05 |
| 370877.00 | 3761981.00 | 1.55E-03 | 7.78E-05 | 2.38E-05 |
| 370882.00 | 3761981.00 | 1.65E-03 | 7.70E-05 | 2.58E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370937.00 | 3761971.00 | 1.57E-06 | 2.70E-08 | 2.24E-08 |
| 370942.00 | 3761971.00 | 1.66E-06 | 2.69E-08 | 2.27E-08 |
| 370947.00 | 3761971.00 | 1.74E-06 | 2.69E-08 | 2.29E-08 |
| 370952.00 | 3761971.00 | 1.81E-06 | 2.69E-08 | 2.29E-08 |
| 370822.00 | 3761976.00 | 3.15E-07 | 3.27E-08 | 4.14E-09 |
| 370827.00 | 3761976.00 | 3.30E-07 | 3.21E-08 | 4.38E-09 |
| 370832.00 | 3761976.00 | 3.46E-07 | 3.15E-08 | 4.65E-09 |
| 370837.00 | 3761976.00 | 3.63E-07 | 3.09E-08 | 4.94E-09 |
| 370842.00 | 3761976.00 | 3.82E-07 | 3.04E-08 | 5.27E-09 |
| 370847.00 | 3761976.00 | 4.03E-07 | 2.99E-08 | 5.65E-09 |
| 370852.00 | 3761976.00 | 4.25E-07 | 2.95E-08 | 6.06E-09 |
| 370857.00 | 3761976.00 | 4.50E-07 | 2.90E-08 | 6.53E-09 |
| 370862.00 | 3761976.00 | 4.77E-07 | 2.86E-08 | 7.06E-09 |
| 370867.00 | 3761976.00 | 5.07E-07 | 2.83E-08 | 7.66E-09 |
| 370872.00 | 3761976.00 | 5.41E-07 | 2.80E-08 | 8.33E-09 |
| 370877.00 | 3761976.00 | 5.79E-07 | 2.77E-08 | 9.08E-09 |
| 370882.00 | 3761976.00 | 6.21E-07 | 2.74E-08 | 9.91E-09 |
| 370887.00 | 3761976.00 | 6.68E-07 | 2.72E-08 | 1.08E-08 |
| 370892.00 | 3761976.00 | 7.20E-07 | 2.70E-08 | 1.18E-08 |
| 370897.00 | 3761976.00 | 7.78E-07 | 2.68E-08 | 1.28E-08 |
| 370902.00 | 3761976.00 | 8.42E-07 | 2.66E-08 | 1.39E-08 |
| 370922.00 | 3761976.00 | 1.15E-06 | 2.62E-08 | 1.80E-08 |
| 370927.00 | 3761976.00 | 1.24E-06 | 2.62E-08 | 1.88E-08 |
| 370932.00 | 3761976.00 | 1.32E-06 | 2.61E-08 | 1.95E-08 |
| 370937.00 | 3761976.00 | 1.40E-06 | 2.60E-08 | 2.00E-08 |
| 370942.00 | 3761976.00 | 1.48E-06 | 2.60E-08 | 2.04E-08 |
| 370947.00 | 3761976.00 | 1.56E-06 | 2.59E-08 | 2.07E-08 |
| 370952.00 | 3761976.00 | 1.63E-06 | 2.59E-08 | 2.07E-08 |
| 370957.00 | 3761976.00 | 1.69E-06 | 2.58E-08 | 2.07E-08 |
| 370827.00 | 3761981.00 | 3.10E-07 | 3.13E-08 | 4.06E-09 |
| 370832.00 | 3761981.00 | 3.24E-07 | 3.07E-08 | 4.30E-09 |
| 370837.00 | 3761981.00 | 3.40E-07 | 3.02E-08 | 4.57E-09 |
| 370842.00 | 3761981.00 | 3.57E-07 | 2.97E-08 | 4.87E-09 |
| 370847.00 | 3761981.00 | 3.76E-07 | 2.92E-08 | 5.20E-09 |
| 370852.00 | 3761981.00 | 3.96E-07 | 2.87E-08 | 5.57E-09 |
| 370857.00 | 3761981.00 | 4.19E-07 | 2.83E-08 | 5.99E-09 |
| 370862.00 | 3761981.00 | 4.43E-07 | 2.79E-08 | 6.46E-09 |
| 370867.00 | 3761981.00 | 4.71E-07 | 2.76E-08 | 6.98E-09 |
| 370872.00 | 3761981.00 | 5.01E-07 | 2.72E-08 | 7.57E-09 |
| 370877.00 | 3761981.00 | 5.35E-07 | 2.69E-08 | 8.23E-09 |
| 370882.00 | 3761981.00 | 5.73E-07 | 2.66E-08 | 8.95E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370887.00 | 3761981.00 | 1.77E-03 | 7.63E-05 | 2.81E-05 |
| 370892.00 | 3761981.00 | 1.91E-03 | 7.57E-05 | 3.06E-05 |
| 370897.00 | 3761981.00 | 2.06E-03 | 7.51E-05 | 3.31E-05 |
| 370902.00 | 3761981.00 | 2.22E-03 | 7.46E-05 | 3.58E-05 |
| 370907.00 | 3761981.00 | 2.40E-03 | 7.43E-05 | 3.85E-05 |
| 370922.00 | 3761981.00 | 3.00E-03 | 7.34E-05 | 4.63E-05 |
| 370927.00 | 3761981.00 | 3.22E-03 | 7.31E-05 | 4.85E-05 |
| 370932.00 | 3761981.00 | 3.43E-03 | 7.29E-05 | 5.04E-05 |
| 370937.00 | 3761981.00 | 3.65E-03 | 7.26E-05 | 5.19E-05 |
| 370942.00 | 3761981.00 | 3.86E-03 | 7.25E-05 | 5.31E-05 |
| 370947.00 | 3761981.00 | 4.06E-03 | 7.23E-05 | 5.40E-05 |
| 370952.00 | 3761981.00 | 4.24E-03 | 7.21E-05 | 5.45E-05 |
| 370957.00 | 3761981.00 | 4.40E-03 | 7.19E-05 | 5.46E-05 |
| 370832.00 | 3761986.00 | 8.80E-04 | 8.66E-05 | 1.15E-05 |
| 370837.00 | 3761986.00 | 9.22E-04 | 8.51E-05 | 1.22E-05 |
| 370842.00 | 3761986.00 | 9.67E-04 | 8.36E-05 | 1.30E-05 |
| 370847.00 | 3761986.00 | 1.02E-03 | 8.23E-05 | 1.39E-05 |
| 370852.00 | 3761986.00 | 1.07E-03 | 8.10E-05 | 1.48E-05 |
| 370857.00 | 3761986.00 | 1.13E-03 | 7.98E-05 | 1.59E-05 |
| 370862.00 | 3761986.00 | 1.19E-03 | 7.87E-05 | 1.71E-05 |
| 370867.00 | 3761986.00 | 1.26E-03 | 7.76E-05 | 1.85E-05 |
| 370872.00 | 3761986.00 | 1.34E-03 | 7.67E-05 | 1.99E-05 |
| 370877.00 | 3761986.00 | 1.43E-03 | 7.58E-05 | 2.16E-05 |
| 370882.00 | 3761986.00 | 1.53E-03 | 7.50E-05 | 2.34E-05 |
| 370887.00 | 3761986.00 | 1.64E-03 | 7.42E-05 | 2.54E-05 |
| 370892.00 | 3761986.00 | 1.76E-03 | 7.36E-05 | 2.75E-05 |
| 370897.00 | 3761986.00 | 1.89E-03 | 7.30E-05 | 2.98E-05 |
| 370902.00 | 3761986.00 | 2.03E-03 | 7.25E-05 | 3.21E-05 |
| 370907.00 | 3761986.00 | 2.19E-03 | 7.21E-05 | 3.45E-05 |
| 370927.00 | 3761986.00 | 2.91E-03 | 7.09E-05 | 4.34E-05 |
| 370932.00 | 3761986.00 | 3.11E-03 | 7.06E-05 | 4.52E-05 |
| 370937.00 | 3761986.00 | 3.30E-03 | 7.03E-05 | 4.67E-05 |
| 370942.00 | 3761986.00 | 3.49E-03 | 7.01E-05 | 4.80E-05 |
| 370947.00 | 3761986.00 | 3.67E-03 | 6.99E-05 | 4.89E-05 |
| 370952.00 | 3761986.00 | 3.84E-03 | 6.97E-05 | 4.95E-05 |
| 370957.00 | 3761986.00 | 3.99E-03 | 6.95E-05 | 4.98E-05 |
| 370962.00 | 3761986.00 | 4.12E-03 | 6.93E-05 | 4.99E-05 |
| 370832.00 | 3761991.00 | 8.27E-04 | 8.46E-05 | 1.07E-05 |
| 370837.00 | 3761991.00 | 8.66E-04 | 8.31E-05 | 1.14E-05 |
| 370842.00 | 3761991.00 | 9.07E-04 | 8.17E-05 | 1.21E-05 |
| 370847.00 | 3761991.00 | 9.52E-04 | 8.03E-05 | 1.28E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370887.00 | 3761981.00 | 6.14E-07 | 2.64E-08 | 9.73E-09 |
| 370892.00 | 3761981.00 | 6.61E-07 | 2.62E-08 | 1.06E-08 |
| 370897.00 | 3761981.00 | 7.12E-07 | 2.60E-08 | 1.15E-08 |
| 370902.00 | 3761981.00 | 7.68E-07 | 2.58E-08 | 1.24E-08 |
| 370907.00 | 3761981.00 | 8.30E-07 | 2.57E-08 | 1.33E-08 |
| 370922.00 | 3761981.00 | 1.04E-06 | 2.54E-08 | 1.60E-08 |
| 370927.00 | 3761981.00 | 1.11E-06 | 2.53E-08 | 1.68E-08 |
| 370932.00 | 3761981.00 | 1.19E-06 | 2.52E-08 | 1.74E-08 |
| 370937.00 | 3761981.00 | 1.26E-06 | 2.51E-08 | 1.80E-08 |
| 370942.00 | 3761981.00 | 1.34E-06 | 2.51E-08 | 1.84E-08 |
| 370947.00 | 3761981.00 | 1.40E-06 | 2.50E-08 | 1.87E-08 |
| 370952.00 | 3761981.00 | 1.47E-06 | 2.50E-08 | 1.88E-08 |
| 370957.00 | 3761981.00 | 1.52E-06 | 2.49E-08 | 1.89E-08 |
| 370832.00 | 3761986.00 | 3.05E-07 | 3.00E-08 | 3.99E-09 |
| 370837.00 | 3761986.00 | 3.19E-07 | 2.94E-08 | 4.24E-09 |
| 370842.00 | 3761986.00 | 3.35E-07 | 2.89E-08 | 4.50E-09 |
| 370847.00 | 3761986.00 | 3.52E-07 | 2.85E-08 | 4.80E-09 |
| 370852.00 | 3761986.00 | 3.70E-07 | 2.80E-08 | 5.13E-09 |
| 370857.00 | 3761986.00 | 3.91E-07 | 2.76E-08 | 5.51E-09 |
| 370862.00 | 3761986.00 | 4.13E-07 | 2.72E-08 | 5.92E-09 |
| 370867.00 | 3761986.00 | 4.38E-07 | 2.69E-08 | 6.39E-09 |
| 370872.00 | 3761986.00 | 4.65E-07 | 2.65E-08 | 6.91E-09 |
| 370877.00 | 3761986.00 | 4.96E-07 | 2.62E-08 | 7.48E-09 |
| 370882.00 | 3761986.00 | 5.29E-07 | 2.59E-08 | 8.11E-09 |
| 370887.00 | 3761986.00 | 5.67E-07 | 2.57E-08 | 8.79E-09 |
| 370892.00 | 3761986.00 | 6.08E-07 | 2.55E-08 | 9.53E-09 |
| 370897.00 | 3761986.00 | 6.54E-07 | 2.53E-08 | 1.03E-08 |
| 370902.00 | 3761986.00 | 7.03E-07 | 2.51E-08 | 1.11E-08 |
| 370907.00 | 3761986.00 | 7.57E-07 | 2.50E-08 | 1.19E-08 |
| 370927.00 | 3761986.00 | 1.01E-06 | 2.45E-08 | 1.50E-08 |
| 370932.00 | 3761986.00 | 1.07E-06 | 2.44E-08 | 1.56E-08 |
| 370937.00 | 3761986.00 | 1.14E-06 | 2.43E-08 | 1.62E-08 |
| 370942.00 | 3761986.00 | 1.21E-06 | 2.43E-08 | 1.66E-08 |
| 370947.00 | 3761986.00 | 1.27E-06 | 2.42E-08 | 1.69E-08 |
| 370952.00 | 3761986.00 | 1.33E-06 | 2.41E-08 | 1.71E-08 |
| 370957.00 | 3761986.00 | 1.38E-06 | 2.41E-08 | 1.73E-08 |
| 370962.00 | 3761986.00 | 1.43E-06 | 2.40E-08 | 1.73E-08 |
| 370832.00 | 3761991.00 | 2.86E-07 | 2.93E-08 | 3.72E-09 |
| 370837.00 | 3761991.00 | 3.00E-07 | 2.88E-08 | 3.93E-09 |
| 370842.00 | 3761991.00 | 3.14E-07 | 2.83E-08 | 4.18E-09 |
| 370847.00 | 3761991.00 | 3.29E-07 | 2.78E-08 | 4.44E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370852.00 | 3761991.00 | 1.00E-03 | 7.91E-05 | 1.37E-05 |
| 370857.00 | 3761991.00 | 1.05E-03 | 7.79E-05 | 1.47E-05 |
| 370862.00 | 3761991.00 | 1.11E-03 | 7.68E-05 | 1.57E-05 |
| 370867.00 | 3761991.00 | 1.18E-03 | 7.57E-05 | 1.69E-05 |
| 370872.00 | 3761991.00 | 1.25E-03 | 7.48E-05 | 1.83E-05 |
| 370877.00 | 3761991.00 | 1.33E-03 | 7.39E-05 | 1.97E-05 |
| 370882.00 | 3761991.00 | 1.42E-03 | 7.31E-05 | 2.13E-05 |
| 370887.00 | 3761991.00 | 1.51E-03 | 7.23E-05 | 2.30E-05 |
| 370892.00 | 3761991.00 | 1.62E-03 | 7.16E-05 | 2.49E-05 |
| 370897.00 | 3761991.00 | 1.74E-03 | 7.11E-05 | 2.69E-05 |
| 370902.00 | 3761991.00 | 1.87E-03 | 7.05E-05 | 2.89E-05 |
| 370907.00 | 3761991.00 | 2.00E-03 | 7.01E-05 | 3.10E-05 |
| 370912.00 | 3761991.00 | 2.15E-03 | 6.96E-05 | 3.31E-05 |
| 370932.00 | 3761991.00 | 2.82E-03 | 6.84E-05 | 4.07E-05 |
| 370937.00 | 3761991.00 | 2.99E-03 | 6.82E-05 | 4.22E-05 |
| 370942.00 | 3761991.00 | 3.16E-03 | 6.79E-05 | 4.34E-05 |
| 370947.00 | 3761991.00 | 3.33E-03 | 6.77E-05 | 4.44E-05 |
| 370952.00 | 3761991.00 | 3.48E-03 | 6.74E-05 | 4.51E-05 |
| 370957.00 | 3761991.00 | 3.62E-03 | 6.72E-05 | 4.56E-05 |
| 370962.00 | 3761991.00 | 3.74E-03 | 6.70E-05 | 4.57E-05 |
| 370967.00 | 3761991.00 | 3.85E-03 | 6.67E-05 | 4.57E-05 |
| 370837.00 | 3761996.00 | 8.14E-04 | 8.12E-05 | 1.06E-05 |
| 370842.00 | 3761996.00 | 8.52E-04 | 7.98E-05 | 1.12E-05 |
| 370847.00 | 3761996.00 | 8.93E-04 | 7.85E-05 | 1.19E-05 |
| 370852.00 | 3761996.00 | 9.38E-04 | 7.73E-05 | 1.27E-05 |
| 370857.00 | 3761996.00 | 9.87E-04 | 7.61E-05 | 1.36E-05 |
| 370862.00 | 3761996.00 | 1.04E-03 | 7.50E-05 | 1.45E-05 |
| 370867.00 | 3761996.00 | 1.10E-03 | 7.39E-05 | 1.56E-05 |
| 370872.00 | 3761996.00 | 1.17E-03 | 7.30E-05 | 1.68E-05 |
| 370877.00 | 3761996.00 | 1.24E-03 | 7.21E-05 | 1.80E-05 |
| 370882.00 | 3761996.00 | 1.32E-03 | 7.13E-05 | 1.94E-05 |
| 370887.00 | 3761996.00 | 1.40E-03 | 7.05E-05 | 2.10E-05 |
| 370892.00 | 3761996.00 | 1.50E-03 | 6.98E-05 | 2.26E-05 |
| 370897.00 | 3761996.00 | 1.60E-03 | 6.92E-05 | 2.43E-05 |
| 370902.00 | 3761996.00 | 1.72E-03 | 6.87E-05 | 2.61E-05 |
| 370907.00 | 3761996.00 | 1.84E-03 | 6.82E-05 | 2.80E-05 |
| 370912.00 | 3761996.00 | 1.97E-03 | 6.77E-05 | 2.99E-05 |
| 370917.00 | 3761996.00 | 2.11E-03 | 6.73E-05 | 3.17E-05 |
| 370937.00 | 3761996.00 | 2.72E-03 | 6.62E-05 | 3.81E-05 |
| 370942.00 | 3761996.00 | 2.87E-03 | 6.59E-05 | 3.94E-05 |
| 370947.00 | 3761996.00 | 3.02E-03 | 6.56E-05 | 4.03E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370852.00 | 3761991.00 | 3.46E-07 | 2.74E-08 | 4.74E-09 |
| 370857.00 | 3761991.00 | 3.65E-07 | 2.70E-08 | 5.08E-09 |
| 370862.00 | 3761991.00 | 3.85E-07 | 2.66E-08 | 5.45E-09 |
| 370867.00 | 3761991.00 | 4.08E-07 | 2.62E-08 | 5.86E-09 |
| 370872.00 | 3761991.00 | 4.33E-07 | 2.59E-08 | 6.32E-09 |
| 370877.00 | 3761991.00 | 4.60E-07 | 2.56E-08 | 6.82E-09 |
| 370882.00 | 3761991.00 | 4.91E-07 | 2.53E-08 | 7.37E-09 |
| 370887.00 | 3761991.00 | 5.23E-07 | 2.50E-08 | 7.97E-09 |
| 370892.00 | 3761991.00 | 5.61E-07 | 2.48E-08 | 8.62E-09 |
| 370897.00 | 3761991.00 | 6.02E-07 | 2.46E-08 | 9.30E-09 |
| 370902.00 | 3761991.00 | 6.46E-07 | 2.44E-08 | 1.00E-08 |
| 370907.00 | 3761991.00 | 6.94E-07 | 2.42E-08 | 1.07E-08 |
| 370912.00 | 3761991.00 | 7.45E-07 | 2.41E-08 | 1.15E-08 |
| 370932.00 | 3761991.00 | 9.75E-07 | 2.37E-08 | 1.41E-08 |
| 370937.00 | 3761991.00 | 1.04E-06 | 2.36E-08 | 1.46E-08 |
| 370942.00 | 3761991.00 | 1.09E-06 | 2.35E-08 | 1.50E-08 |
| 370947.00 | 3761991.00 | 1.15E-06 | 2.34E-08 | 1.54E-08 |
| 370952.00 | 3761991.00 | 1.20E-06 | 2.33E-08 | 1.56E-08 |
| 370957.00 | 3761991.00 | 1.25E-06 | 2.33E-08 | 1.58E-08 |
| 370962.00 | 3761991.00 | 1.29E-06 | 2.32E-08 | 1.58E-08 |
| 370967.00 | 3761991.00 | 1.33E-06 | 2.31E-08 | 1.58E-08 |
| 370837.00 | 3761996.00 | 2.82E-07 | 2.81E-08 | 3.66E-09 |
| 370842.00 | 3761996.00 | 2.95E-07 | 2.76E-08 | 3.88E-09 |
| 370847.00 | 3761996.00 | 3.09E-07 | 2.72E-08 | 4.12E-09 |
| 370852.00 | 3761996.00 | 3.25E-07 | 2.67E-08 | 4.39E-09 |
| 370857.00 | 3761996.00 | 3.42E-07 | 2.63E-08 | 4.69E-09 |
| 370862.00 | 3761996.00 | 3.60E-07 | 2.60E-08 | 5.02E-09 |
| 370867.00 | 3761996.00 | 3.81E-07 | 2.56E-08 | 5.39E-09 |
| 370872.00 | 3761996.00 | 4.03E-07 | 2.53E-08 | 5.80E-09 |
| 370877.00 | 3761996.00 | 4.28E-07 | 2.50E-08 | 6.25E-09 |
| 370882.00 | 3761996.00 | 4.56E-07 | 2.47E-08 | 6.73E-09 |
| 370887.00 | 3761996.00 | 4.85E-07 | 2.44E-08 | 7.25E-09 |
| 370892.00 | 3761996.00 | 5.19E-07 | 2.42E-08 | 7.82E-09 |
| 370897.00 | 3761996.00 | 5.55E-07 | 2.40E-08 | 8.42E-09 |
| 370902.00 | 3761996.00 | 5.95E-07 | 2.38E-08 | 9.05E-09 |
| 370907.00 | 3761996.00 | 6.37E-07 | 2.36E-08 | 9.69E-09 |
| 370912.00 | 3761996.00 | 6.83E-07 | 2.34E-08 | 1.03E-08 |
| 370917.00 | 3761996.00 | 7.31E-07 | 2.33E-08 | 1.10E-08 |
| 370937.00 | 3761996.00 | 9.42E-07 | 2.29E-08 | 1.32E-08 |
| 370942.00 | 3761996.00 | 9.95E-07 | 2.28E-08 | 1.36E-08 |
| 370947.00 | 3761996.00 | 1.05E-06 | 2.27E-08 | 1.40E-08 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370952.00 | 3761996.00 | 3.17E-03 | 6.53E-05 | 4.11E-05 |
| 370957.00 | 3761996.00 | 3.30E-03 | 6.51E-05 | 4.17E-05 |
| 370962.00 | 3761996.00 | 3.41E-03 | 6.48E-05 | 4.20E-05 |
| 370967.00 | 3761996.00 | 3.52E-03 | 6.46E-05 | 4.21E-05 |
| 370972.00 | 3761996.00 | 3.62E-03 | 6.44E-05 | 4.21E-05 |
| 370842.00 | 3762001.00 | 8.02E-04 | 7.80E-05 | 1.04E-05 |
| 370847.00 | 3762001.00 | 8.40E-04 | 7.67E-05 | 1.11E-05 |
| 370852.00 | 3762001.00 | 8.81E-04 | 7.55E-05 | 1.18E-05 |
| 370857.00 | 3762001.00 | 9.26E-04 | 7.44E-05 | 1.26E-05 |
| 370862.00 | 3762001.00 | 9.75E-04 | 7.33E-05 | 1.34E-05 |
| 370867.00 | 3762001.00 | 1.03E-03 | 7.23E-05 | 1.44E-05 |
| 370872.00 | 3762001.00 | 1.09E-03 | 7.13E-05 | 1.54E-05 |
| 370877.00 | 3762001.00 | 1.15E-03 | 7.04E-05 | 1.66E-05 |
| 370882.00 | 3762001.00 | 1.23E-03 | 6.96E-05 | 1.78E-05 |
| 370887.00 | 3762001.00 | 1.30E-03 | 6.88E-05 | 1.91E-05 |
| 370892.00 | 3762001.00 | 1.39E-03 | 6.81E-05 | 2.06E-05 |
| 370897.00 | 3762001.00 | 1.48E-03 | 6.75E-05 | 2.21E-05 |
| 370902.00 | 3762001.00 | 1.59E-03 | 6.69E-05 | 2.37E-05 |
| 370907.00 | 3762001.00 | 1.70E-03 | 6.64E-05 | 2.54E-05 |
| 370912.00 | 3762001.00 | 1.81E-03 | 6.59E-05 | 2.70E-05 |
| 370917.00 | 3762001.00 | 1.94E-03 | 6.56E-05 | 2.87E-05 |
| 370922.00 | 3762001.00 | 2.07E-03 | 6.52E-05 | 3.03E-05 |
| 370937.00 | 3762001.00 | 2.48E-03 | 6.42E-05 | 3.46E-05 |
| 370942.00 | 3762001.00 | 2.62E-03 | 6.40E-05 | 3.58E-05 |
| 370947.00 | 3762001.00 | 2.76E-03 | 6.37E-05 | 3.68E-05 |
| 370952.00 | 3762001.00 | 2.89E-03 | 6.34E-05 | 3.76E-05 |
| 370957.00 | 3762001.00 | 3.01E-03 | 6.31E-05 | 3.82E-05 |
| 370962.00 | 3762001.00 | 3.13E-03 | 6.29E-05 | 3.86E-05 |
| 370967.00 | 3762001.00 | 3.23E-03 | 6.26E-05 | 3.89E-05 |
| 370972.00 | 3762001.00 | 3.32E-03 | 6.24E-05 | 3.89E-05 |
| 370847.00 | 3762006.00 | 7.91E-04 | 7.50E-05 | 1.03E-05 |
| 370852.00 | 3762006.00 | 8.29E-04 | 7.38E-05 | 1.10E-05 |
| 370857.00 | 3762006.00 | 8.70E-04 | 7.27E-05 | 1.17E-05 |
| 370862.00 | 3762006.00 | 9.15E-04 | 7.16E-05 | 1.24E-05 |
| 370867.00 | 3762006.00 | 9.65E-04 | 7.06E-05 | 1.33E-05 |
| 370872.00 | 3762006.00 | 1.02E-03 | 6.97E-05 | 1.42E-05 |
| 370877.00 | 3762006.00 | 1.08E-03 | 6.88E-05 | 1.52E-05 |
| 370882.00 | 3762006.00 | 1.14E-03 | 6.80E-05 | 1.63E-05 |
| 370887.00 | 3762006.00 | 1.21E-03 | 6.72E-05 | 1.75E-05 |
| 370892.00 | 3762006.00 | 1.29E-03 | 6.65E-05 | 1.88E-05 |
| 370897.00 | 3762006.00 | 1.38E-03 | 6.59E-05 | 2.02E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370952.00 | 3761996.00 | 1.10E-06 | 2.26E-08 | 1.42E-08 |
| 370957.00 | 3761996.00 | 1.14E-06 | 2.25E-08 | 1.44E-08 |
| 370962.00 | 3761996.00 | 1.18E-06 | 2.24E-08 | 1.45E-08 |
| 370967.00 | 3761996.00 | 1.22E-06 | 2.24E-08 | 1.46E-08 |
| 370972.00 | 3761996.00 | 1.25E-06 | 2.23E-08 | 1.46E-08 |
| 370842.00 | 3762001.00 | 2.78E-07 | 2.70E-08 | 3.61E-09 |
| 370847.00 | 3762001.00 | 2.91E-07 | 2.66E-08 | 3.83E-09 |
| 370852.00 | 3762001.00 | 3.05E-07 | 2.61E-08 | 4.08E-09 |
| 370857.00 | 3762001.00 | 3.21E-07 | 2.57E-08 | 4.35E-09 |
| 370862.00 | 3762001.00 | 3.38E-07 | 2.54E-08 | 4.64E-09 |
| 370867.00 | 3762001.00 | 3.56E-07 | 2.50E-08 | 4.97E-09 |
| 370872.00 | 3762001.00 | 3.77E-07 | 2.47E-08 | 5.34E-09 |
| 370877.00 | 3762001.00 | 3.99E-07 | 2.44E-08 | 5.73E-09 |
| 370882.00 | 3762001.00 | 4.24E-07 | 2.41E-08 | 6.16E-09 |
| 370887.00 | 3762001.00 | 4.51E-07 | 2.38E-08 | 6.63E-09 |
| 370892.00 | 3762001.00 | 4.81E-07 | 2.36E-08 | 7.13E-09 |
| 370897.00 | 3762001.00 | 5.14E-07 | 2.34E-08 | 7.66E-09 |
| 370902.00 | 3762001.00 | 5.49E-07 | 2.32E-08 | 8.21E-09 |
| 370907.00 | 3762001.00 | 5.87E-07 | 2.30E-08 | 8.78E-09 |
| 370912.00 | 3762001.00 | 6.28E-07 | 2.28E-08 | 9.35E-09 |
| 370917.00 | 3762001.00 | 6.71E-07 | 2.27E-08 | 9.93E-09 |
| 370922.00 | 3762001.00 | 7.16E-07 | 2.26E-08 | 1.05E-08 |
| 370937.00 | 3762001.00 | 8.60E-07 | 2.22E-08 | 1.20E-08 |
| 370942.00 | 3762001.00 | 9.08E-07 | 2.21E-08 | 1.24E-08 |
| 370947.00 | 3762001.00 | 9.55E-07 | 2.20E-08 | 1.27E-08 |
| 370952.00 | 3762001.00 | 1.00E-06 | 2.19E-08 | 1.30E-08 |
| 370957.00 | 3762001.00 | 1.04E-06 | 2.19E-08 | 1.32E-08 |
| 370962.00 | 3762001.00 | 1.08E-06 | 2.18E-08 | 1.34E-08 |
| 370967.00 | 3762001.00 | 1.12E-06 | 2.17E-08 | 1.35E-08 |
| 370972.00 | 3762001.00 | 1.15E-06 | 2.16E-08 | 1.35E-08 |
| 370847.00 | 3762006.00 | 2.74E-07 | 2.60E-08 | 3.57E-09 |
| 370852.00 | 3762006.00 | 2.87E-07 | 2.56E-08 | 3.79E-09 |
| 370857.00 | 3762006.00 | 3.01E-07 | 2.52E-08 | 4.04E-09 |
| 370862.00 | 3762006.00 | 3.17E-07 | 2.48E-08 | 4.30E-09 |
| 370867.00 | 3762006.00 | 3.34E-07 | 2.44E-08 | 4.60E-09 |
| 370872.00 | 3762006.00 | 3.53E-07 | 2.41E-08 | 4.92E-09 |
| 370877.00 | 3762006.00 | 3.73E-07 | 2.38E-08 | 5.28E-09 |
| 370882.00 | 3762006.00 | 3.96E-07 | 2.35E-08 | 5.66E-09 |
| 370887.00 | 3762006.00 | 4.21E-07 | 2.33E-08 | 6.08E-09 |
| 370892.00 | 3762006.00 | 4.47E-07 | 2.30E-08 | 6.52E-09 |
| 370897.00 | 3762006.00 | 4.77E-07 | 2.28E-08 | 6.99E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370902.00 | 3762006.00 | 1.47E-03 | 6.53E-05 | 2.16E-05 |
| 370907.00 | 3762006.00 | 1.57E-03 | 6.47E-05 | 2.31E-05 |
| 370912.00 | 3762006.00 | 1.67E-03 | 6.43E-05 | 2.45E-05 |
| 370917.00 | 3762006.00 | 1.78E-03 | 6.38E-05 | 2.60E-05 |
| 370922.00 | 3762006.00 | 1.90E-03 | 6.35E-05 | 2.75E-05 |
| 370942.00 | 3762006.00 | 2.40E-03 | 6.22E-05 | 3.26E-05 |
| 370947.00 | 3762006.00 | 2.52E-03 | 6.19E-05 | 3.35E-05 |
| 370952.00 | 3762006.00 | 2.64E-03 | 6.16E-05 | 3.44E-05 |
| 370957.00 | 3762006.00 | 2.76E-03 | 6.13E-05 | 3.50E-05 |
| 370962.00 | 3762006.00 | 2.87E-03 | 6.11E-05 | 3.55E-05 |
| 370967.00 | 3762006.00 | 2.97E-03 | 6.08E-05 | 3.58E-05 |
| 370972.00 | 3762006.00 | 3.06E-03 | 6.05E-05 | 3.60E-05 |
| 370977.00 | 3762006.00 | 3.13E-03 | 6.03E-05 | 3.60E-05 |
| 370847.00 | 3762011.00 | 7.46E-04 | 7.34E-05 | 9.64E-06 |
| 370852.00 | 3762011.00 | 7.81E-04 | 7.22E-05 | 1.02E-05 |
| 370857.00 | 3762011.00 | 8.19E-04 | 7.11E-05 | 1.08E-05 |
| 370862.00 | 3762011.00 | 8.60E-04 | 7.01E-05 | 1.15E-05 |
| 370867.00 | 3762011.00 | 9.06E-04 | 6.91E-05 | 1.23E-05 |
| 370872.00 | 3762011.00 | 9.55E-04 | 6.81E-05 | 1.32E-05 |
| 370877.00 | 3762011.00 | 1.01E-03 | 6.73E-05 | 1.41E-05 |
| 370882.00 | 3762011.00 | 1.07E-03 | 6.64E-05 | 1.51E-05 |
| 370887.00 | 3762011.00 | 1.13E-03 | 6.57E-05 | 1.61E-05 |
| 370892.00 | 3762011.00 | 1.20E-03 | 6.50E-05 | 1.73E-05 |
| 370897.00 | 3762011.00 | 1.28E-03 | 6.43E-05 | 1.85E-05 |
| 370902.00 | 3762011.00 | 1.36E-03 | 6.37E-05 | 1.97E-05 |
| 370907.00 | 3762011.00 | 1.45E-03 | 6.32E-05 | 2.10E-05 |
| 370912.00 | 3762011.00 | 1.55E-03 | 6.27E-05 | 2.24E-05 |
| 370917.00 | 3762011.00 | 1.65E-03 | 6.22E-05 | 2.37E-05 |
| 370922.00 | 3762011.00 | 1.75E-03 | 6.18E-05 | 2.50E-05 |
| 370927.00 | 3762011.00 | 1.86E-03 | 6.14E-05 | 2.63E-05 |
| 370947.00 | 3762011.00 | 2.31E-03 | 6.02E-05 | 3.07E-05 |
| 370952.00 | 3762011.00 | 2.43E-03 | 5.99E-05 | 3.15E-05 |
| 370957.00 | 3762011.00 | 2.53E-03 | 5.96E-05 | 3.22E-05 |
| 370962.00 | 3762011.00 | 2.63E-03 | 5.93E-05 | 3.27E-05 |
| 370967.00 | 3762011.00 | 2.73E-03 | 5.90E-05 | 3.31E-05 |
| 370972.00 | 3762011.00 | 2.81E-03 | 5.88E-05 | 3.33E-05 |
| 370977.00 | 3762011.00 | 2.89E-03 | 5.85E-05 | 3.35E-05 |
| 370982.00 | 3762011.00 | 2.96E-03 | 5.82E-05 | 3.35E-05 |
| 370852.00 | 3762016.00 | 7.37E-04 | 7.07E-05 | 9.54E-06 |
| 370857.00 | 3762016.00 | 7.72E-04 | 6.96E-05 | 1.01E-05 |
| 370862.00 | 3762016.00 | 8.10E-04 | 6.86E-05 | 1.07E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370902.00 | 3762006.00 | 5.08E-07 | 2.26E-08 | 7.48E-09 |
| 370907.00 | 3762006.00 | 5.43E-07 | 2.24E-08 | 7.98E-09 |
| 370912.00 | 3762006.00 | 5.79E-07 | 2.22E-08 | 8.49E-09 |
| 370917.00 | 3762006.00 | 6.18E-07 | 2.21E-08 | 9.01E-09 |
| 370922.00 | 3762006.00 | 6.58E-07 | 2.20E-08 | 9.51E-09 |
| 370942.00 | 3762006.00 | 8.30E-07 | 2.15E-08 | 1.13E-08 |
| 370947.00 | 3762006.00 | 8.73E-07 | 2.14E-08 | 1.16E-08 |
| 370952.00 | 3762006.00 | 9.15E-07 | 2.13E-08 | 1.19E-08 |
| 370957.00 | 3762006.00 | 9.55E-07 | 2.12E-08 | 1.21E-08 |
| 370962.00 | 3762006.00 | 9.93E-07 | 2.11E-08 | 1.23E-08 |
| 370967.00 | 3762006.00 | 1.03E-06 | 2.10E-08 | 1.24E-08 |
| 370972.00 | 3762006.00 | 1.06E-06 | 2.10E-08 | 1.25E-08 |
| 370977.00 | 3762006.00 | 1.09E-06 | 2.09E-08 | 1.25E-08 |
| 370847.00 | 3762011.00 | 2.58E-07 | 2.54E-08 | 3.34E-09 |
| 370852.00 | 3762011.00 | 2.70E-07 | 2.50E-08 | 3.54E-09 |
| 370857.00 | 3762011.00 | 2.83E-07 | 2.46E-08 | 3.76E-09 |
| 370862.00 | 3762011.00 | 2.98E-07 | 2.43E-08 | 4.00E-09 |
| 370867.00 | 3762011.00 | 3.14E-07 | 2.39E-08 | 4.26E-09 |
| 370872.00 | 3762011.00 | 3.31E-07 | 2.36E-08 | 4.55E-09 |
| 370877.00 | 3762011.00 | 3.49E-07 | 2.33E-08 | 4.87E-09 |
| 370882.00 | 3762011.00 | 3.70E-07 | 2.30E-08 | 5.21E-09 |
| 370887.00 | 3762011.00 | 3.92E-07 | 2.27E-08 | 5.58E-09 |
| 370892.00 | 3762011.00 | 4.17E-07 | 2.25E-08 | 5.97E-09 |
| 370897.00 | 3762011.00 | 4.43E-07 | 2.23E-08 | 6.39E-09 |
| 370902.00 | 3762011.00 | 4.72E-07 | 2.21E-08 | 6.83E-09 |
| 370907.00 | 3762011.00 | 5.02E-07 | 2.19E-08 | 7.28E-09 |
| 370912.00 | 3762011.00 | 5.35E-07 | 2.17E-08 | 7.74E-09 |
| 370917.00 | 3762011.00 | 5.70E-07 | 2.15E-08 | 8.20E-09 |
| 370922.00 | 3762011.00 | 6.06E-07 | 2.14E-08 | 8.66E-09 |
| 370927.00 | 3762011.00 | 6.44E-07 | 2.13E-08 | 9.10E-09 |
| 370947.00 | 3762011.00 | 8.01E-07 | 2.08E-08 | 1.06E-08 |
| 370952.00 | 3762011.00 | 8.40E-07 | 2.07E-08 | 1.09E-08 |
| 370957.00 | 3762011.00 | 8.76E-07 | 2.06E-08 | 1.11E-08 |
| 370962.00 | 3762011.00 | 9.12E-07 | 2.05E-08 | 1.13E-08 |
| 370967.00 | 3762011.00 | 9.44E-07 | 2.04E-08 | 1.15E-08 |
| 370972.00 | 3762011.00 | 9.74E-07 | 2.03E-08 | 1.15E-08 |
| 370977.00 | 3762011.00 | 1.00E-06 | 2.03E-08 | 1.16E-08 |
| 370982.00 | 3762011.00 | 1.02E-06 | 2.02E-08 | 1.16E-08 |
| 370852.00 | 3762016.00 | 2.55E-07 | 2.45E-08 | 3.30E-09 |
| 370857.00 | 3762016.00 | 2.67E-07 | 2.41E-08 | 3.50E-09 |
| 370862.00 | 3762016.00 | 2.80E-07 | 2.37E-08 | 3.72E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370867.00 | 3762016.00 | 8.52E-04 | 6.76E-05 | 1.14E-05 |
| 370872.00 | 3762016.00 | 8.97E-04 | 6.67E-05 | 1.22E-05 |
| 370877.00 | 3762016.00 | 9.47E-04 | 6.58E-05 | 1.30E-05 |
| 370882.00 | 3762016.00 | 1.00E-03 | 6.50E-05 | 1.39E-05 |
| 370887.00 | 3762016.00 | 1.06E-03 | 6.42E-05 | 1.49E-05 |
| 370892.00 | 3762016.00 | 1.12E-03 | 6.35E-05 | 1.59E-05 |
| 370897.00 | 3762016.00 | 1.19E-03 | 6.28E-05 | 1.69E-05 |
| 370902.00 | 3762016.00 | 1.27E-03 | 6.22E-05 | 1.81E-05 |
| 370907.00 | 3762016.00 | 1.35E-03 | 6.17E-05 | 1.92E-05 |
| 370912.00 | 3762016.00 | 1.43E-03 | 6.12E-05 | 2.04E-05 |
| 370917.00 | 3762016.00 | 1.52E-03 | 6.07E-05 | 2.16E-05 |
| 370922.00 | 3762016.00 | 1.62E-03 | 6.03E-05 | 2.28E-05 |
| 370927.00 | 3762016.00 | 1.72E-03 | 5.99E-05 | 2.40E-05 |
| 370932.00 | 3762016.00 | 1.82E-03 | 5.95E-05 | 2.51E-05 |
| 370947.00 | 3762016.00 | 2.13E-03 | 5.86E-05 | 2.81E-05 |
| 370952.00 | 3762016.00 | 2.23E-03 | 5.83E-05 | 2.89E-05 |
| 370957.00 | 3762016.00 | 2.33E-03 | 5.80E-05 | 2.96E-05 |
| 370962.00 | 3762016.00 | 2.42E-03 | 5.77E-05 | 3.01E-05 |
| 370967.00 | 3762016.00 | 2.51E-03 | 5.74E-05 | 3.06E-05 |
| 370972.00 | 3762016.00 | 2.59E-03 | 5.71E-05 | 3.09E-05 |
| 370977.00 | 3762016.00 | 2.67E-03 | 5.69E-05 | 3.11E-05 |
| 370982.00 | 3762016.00 | 2.73E-03 | 5.66E-05 | 3.12E-05 |
| 370857.00 | 3762021.00 | 7.28E-04 | 6.81E-05 | 9.45E-06 |
| 370862.00 | 3762021.00 | 7.64E-04 | 6.71E-05 | 1.00E-05 |
| 370867.00 | 3762021.00 | 8.02E-04 | 6.62E-05 | 1.07E-05 |
| 370872.00 | 3762021.00 | 8.44E-04 | 6.52E-05 | 1.13E-05 |
| 370877.00 | 3762021.00 | 8.89E-04 | 6.44E-05 | 1.21E-05 |
| 370882.00 | 3762021.00 | 9.39E-04 | 6.35E-05 | 1.29E-05 |
| 370887.00 | 3762021.00 | 9.86E-04 | 6.28E-05 | 1.37E-05 |
| 370892.00 | 3762021.00 | 1.04E-03 | 6.20E-05 | 1.46E-05 |
| 370897.00 | 3762021.00 | 1.10E-03 | 6.14E-05 | 1.55E-05 |
| 370902.00 | 3762021.00 | 1.17E-03 | 6.08E-05 | 1.66E-05 |
| 370907.00 | 3762021.00 | 1.25E-03 | 6.02E-05 | 1.76E-05 |
| 370912.00 | 3762021.00 | 1.33E-03 | 5.97E-05 | 1.87E-05 |
| 370917.00 | 3762021.00 | 1.41E-03 | 5.93E-05 | 1.98E-05 |
| 370922.00 | 3762021.00 | 1.50E-03 | 5.88E-05 | 2.09E-05 |
| 370927.00 | 3762021.00 | 1.59E-03 | 5.84E-05 | 2.20E-05 |
| 370932.00 | 3762021.00 | 1.68E-03 | 5.80E-05 | 2.30E-05 |
| 370952.00 | 3762021.00 | 2.05E-03 | 5.68E-05 | 2.66E-05 |
| 370957.00 | 3762021.00 | 2.15E-03 | 5.64E-05 | 2.72E-05 |
| 370962.00 | 3762021.00 | 2.23E-03 | 5.61E-05 | 2.78E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370867.00 | 3762016.00 | 2.95E-07 | 2.34E-08 | 3.96E-09 |
| 370872.00 | 3762016.00 | 3.11E-07 | 2.31E-08 | 4.22E-09 |
| 370877.00 | 3762016.00 | 3.28E-07 | 2.28E-08 | 4.51E-09 |
| 370882.00 | 3762016.00 | 3.46E-07 | 2.25E-08 | 4.81E-09 |
| 370887.00 | 3762016.00 | 3.67E-07 | 2.22E-08 | 5.14E-09 |
| 370892.00 | 3762016.00 | 3.88E-07 | 2.20E-08 | 5.49E-09 |
| 370897.00 | 3762016.00 | 4.11E-07 | 2.17E-08 | 5.86E-09 |
| 370902.00 | 3762016.00 | 4.39E-07 | 2.15E-08 | 6.26E-09 |
| 370907.00 | 3762016.00 | 4.66E-07 | 2.14E-08 | 6.66E-09 |
| 370912.00 | 3762016.00 | 4.96E-07 | 2.12E-08 | 7.07E-09 |
| 370917.00 | 3762016.00 | 5.27E-07 | 2.10E-08 | 7.49E-09 |
| 370922.00 | 3762016.00 | 5.60E-07 | 2.09E-08 | 7.90E-09 |
| 370927.00 | 3762016.00 | 5.94E-07 | 2.07E-08 | 8.31E-09 |
| 370932.00 | 3762016.00 | 6.29E-07 | 2.06E-08 | 8.70E-09 |
| 370947.00 | 3762016.00 | 7.37E-07 | 2.03E-08 | 9.73E-09 |
| 370952.00 | 3762016.00 | 7.72E-07 | 2.02E-08 | 1.00E-08 |
| 370957.00 | 3762016.00 | 8.06E-07 | 2.01E-08 | 1.02E-08 |
| 370962.00 | 3762016.00 | 8.39E-07 | 2.00E-08 | 1.04E-08 |
| 370967.00 | 3762016.00 | 8.70E-07 | 1.99E-08 | 1.06E-08 |
| 370972.00 | 3762016.00 | 8.98E-07 | 1.98E-08 | 1.07E-08 |
| 370977.00 | 3762016.00 | 9.24E-07 | 1.97E-08 | 1.08E-08 |
| 370982.00 | 3762016.00 | 9.47E-07 | 1.96E-08 | 1.08E-08 |
| 370857.00 | 3762021.00 | 2.52E-07 | 2.36E-08 | 3.27E-09 |
| 370862.00 | 3762021.00 | 2.64E-07 | 2.32E-08 | 3.47E-09 |
| 370867.00 | 3762021.00 | 2.78E-07 | 2.29E-08 | 3.69E-09 |
| 370872.00 | 3762021.00 | 2.92E-07 | 2.26E-08 | 3.92E-09 |
| 370877.00 | 3762021.00 | 3.08E-07 | 2.23E-08 | 4.18E-09 |
| 370882.00 | 3762021.00 | 3.25E-07 | 2.20E-08 | 4.45E-09 |
| 370887.00 | 3762021.00 | 3.41E-07 | 2.17E-08 | 4.74E-09 |
| 370892.00 | 3762021.00 | 3.60E-07 | 2.15E-08 | 5.04E-09 |
| 370897.00 | 3762021.00 | 3.82E-07 | 2.12E-08 | 5.37E-09 |
| 370902.00 | 3762021.00 | 4.06E-07 | 2.10E-08 | 5.74E-09 |
| 370907.00 | 3762021.00 | 4.33E-07 | 2.09E-08 | 6.11E-09 |
| 370912.00 | 3762021.00 | 4.61E-07 | 2.07E-08 | 6.48E-09 |
| 370917.00 | 3762021.00 | 4.89E-07 | 2.05E-08 | 6.86E-09 |
| 370922.00 | 3762021.00 | 5.18E-07 | 2.04E-08 | 7.23E-09 |
| 370927.00 | 3762021.00 | 5.49E-07 | 2.02E-08 | 7.61E-09 |
| 370932.00 | 3762021.00 | 5.81E-07 | 2.01E-08 | 7.96E-09 |
| 370952.00 | 3762021.00 | 7.11E-07 | 1.96E-08 | 9.19E-09 |
| 370957.00 | 3762021.00 | 7.43E-07 | 1.95E-08 | 9.43E-09 |
| 370962.00 | 3762021.00 | 7.73E-07 | 1.94E-08 | 9.62E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370967.00 | 3762021.00 | 2.32E-03 | 5.59E-05 | 2.83E-05 |
| 370972.00 | 3762021.00 | 2.40E-03 | 5.56E-05 | 2.86E-05 |
| 370977.00 | 3762021.00 | 2.47E-03 | 5.53E-05 | 2.89E-05 |
| 370982.00 | 3762021.00 | 2.53E-03 | 5.50E-05 | 2.90E-05 |
| 370987.00 | 3762021.00 | 2.59E-03 | 5.47E-05 | 2.91E-05 |
| 370862.00 | 3762026.00 | 7.21E-04 | 6.57E-05 | 9.37E-06 |
| 370867.00 | 3762026.00 | 7.57E-04 | 6.48E-05 | 9.93E-06 |
| 370872.00 | 3762026.00 | 7.95E-04 | 6.39E-05 | 1.06E-05 |
| 370877.00 | 3762026.00 | 8.37E-04 | 6.30E-05 | 1.12E-05 |
| 370882.00 | 3762026.00 | 8.80E-04 | 6.22E-05 | 1.19E-05 |
| 370887.00 | 3762026.00 | 9.21E-04 | 6.14E-05 | 1.26E-05 |
| 370892.00 | 3762026.00 | 9.72E-04 | 6.07E-05 | 1.34E-05 |
| 370897.00 | 3762026.00 | 1.03E-03 | 6.00E-05 | 1.42E-05 |
| 370902.00 | 3762026.00 | 1.09E-03 | 5.94E-05 | 1.52E-05 |
| 370907.00 | 3762026.00 | 1.16E-03 | 5.89E-05 | 1.62E-05 |
| 370912.00 | 3762026.00 | 1.24E-03 | 5.84E-05 | 1.72E-05 |
| 370917.00 | 3762026.00 | 1.31E-03 | 5.79E-05 | 1.82E-05 |
| 370922.00 | 3762026.00 | 1.39E-03 | 5.74E-05 | 1.92E-05 |
| 370927.00 | 3762026.00 | 1.47E-03 | 5.70E-05 | 2.02E-05 |
| 370932.00 | 3762026.00 | 1.55E-03 | 5.66E-05 | 2.11E-05 |
| 370937.00 | 3762026.00 | 1.64E-03 | 5.63E-05 | 2.20E-05 |
| 370957.00 | 3762026.00 | 1.98E-03 | 5.50E-05 | 2.51E-05 |
| 370962.00 | 3762026.00 | 2.06E-03 | 5.47E-05 | 2.57E-05 |
| 370967.00 | 3762026.00 | 2.14E-03 | 5.44E-05 | 2.62E-05 |
| 370972.00 | 3762026.00 | 2.22E-03 | 5.41E-05 | 2.66E-05 |
| 370977.00 | 3762026.00 | 2.28E-03 | 5.38E-05 | 2.69E-05 |
| 370982.00 | 3762026.00 | 2.34E-03 | 5.35E-05 | 2.71E-05 |
| 370987.00 | 3762026.00 | 2.40E-03 | 5.33E-05 | 2.72E-05 |
| 370992.00 | 3762026.00 | 2.45E-03 | 5.30E-05 | 2.72E-05 |
| 370862.00 | 3762031.00 | 6.82E-04 | 6.44E-05 | 8.77E-06 |
| 370867.00 | 3762031.00 | 7.15E-04 | 6.35E-05 | 9.28E-06 |
| 370872.00 | 3762031.00 | 7.50E-04 | 6.26E-05 | 9.84E-06 |
| 370877.00 | 3762031.00 | 7.89E-04 | 6.17E-05 | 1.04E-05 |
| 370882.00 | 3762031.00 | 8.30E-04 | 6.09E-05 | 1.11E-05 |
| 370887.00 | 3762031.00 | 8.71E-04 | 6.01E-05 | 1.18E-05 |
| 370892.00 | 3762031.00 | 9.17E-04 | 5.94E-05 | 1.25E-05 |
| 370897.00 | 3762031.00 | 9.68E-04 | 5.88E-05 | 1.33E-05 |
| 370902.00 | 3762031.00 | 1.02E-03 | 5.82E-05 | 1.41E-05 |
| 370907.00 | 3762031.00 | 1.09E-03 | 5.76E-05 | 1.50E-05 |
| 370912.00 | 3762031.00 | 1.16E-03 | 5.71E-05 | 1.59E-05 |
| 370917.00 | 3762031.00 | 1.22E-03 | 5.66E-05 | 1.68E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370967.00 | 3762021.00 | 8.02E-07 | 1.93E-08 | 9.79E-09 |
| 370972.00 | 3762021.00 | 8.29E-07 | 1.92E-08 | 9.91E-09 |
| 370977.00 | 3762021.00 | 8.54E-07 | 1.91E-08 | 1.00E-08 |
| 370982.00 | 3762021.00 | 8.76E-07 | 1.90E-08 | 1.00E-08 |
| 370987.00 | 3762021.00 | 8.95E-07 | 1.89E-08 | 1.01E-08 |
| 370862.00 | 3762026.00 | 2.50E-07 | 2.28E-08 | 3.24E-09 |
| 370867.00 | 3762026.00 | 2.62E-07 | 2.24E-08 | 3.44E-09 |
| 370872.00 | 3762026.00 | 2.75E-07 | 2.21E-08 | 3.65E-09 |
| 370877.00 | 3762026.00 | 2.90E-07 | 2.18E-08 | 3.88E-09 |
| 370882.00 | 3762026.00 | 3.05E-07 | 2.15E-08 | 4.13E-09 |
| 370887.00 | 3762026.00 | 3.19E-07 | 2.13E-08 | 4.37E-09 |
| 370892.00 | 3762026.00 | 3.36E-07 | 2.10E-08 | 4.64E-09 |
| 370897.00 | 3762026.00 | 3.56E-07 | 2.08E-08 | 4.93E-09 |
| 370902.00 | 3762026.00 | 3.78E-07 | 2.06E-08 | 5.27E-09 |
| 370907.00 | 3762026.00 | 4.02E-07 | 2.04E-08 | 5.61E-09 |
| 370912.00 | 3762026.00 | 4.28E-07 | 2.02E-08 | 5.96E-09 |
| 370917.00 | 3762026.00 | 4.54E-07 | 2.00E-08 | 6.30E-09 |
| 370922.00 | 3762026.00 | 4.81E-07 | 1.99E-08 | 6.64E-09 |
| 370927.00 | 3762026.00 | 5.09E-07 | 1.97E-08 | 6.98E-09 |
| 370932.00 | 3762026.00 | 5.38E-07 | 1.96E-08 | 7.31E-09 |
| 370937.00 | 3762026.00 | 5.67E-07 | 1.95E-08 | 7.63E-09 |
| 370957.00 | 3762026.00 | 6.86E-07 | 1.90E-08 | 8.69E-09 |
| 370962.00 | 3762026.00 | 7.14E-07 | 1.89E-08 | 8.89E-09 |
| 370967.00 | 3762026.00 | 7.42E-07 | 1.88E-08 | 9.06E-09 |
| 370972.00 | 3762026.00 | 7.67E-07 | 1.87E-08 | 9.19E-09 |
| 370977.00 | 3762026.00 | 7.91E-07 | 1.86E-08 | 9.30E-09 |
| 370982.00 | 3762026.00 | 8.12E-07 | 1.85E-08 | 9.36E-09 |
| 370987.00 | 3762026.00 | 8.31E-07 | 1.84E-08 | 9.40E-09 |
| 370992.00 | 3762026.00 | 8.48E-07 | 1.83E-08 | 9.41E-09 |
| 370862.00 | 3762031.00 | 2.36E-07 | 2.23E-08 | 3.03E-09 |
| 370867.00 | 3762031.00 | 2.47E-07 | 2.20E-08 | 3.21E-09 |
| 370872.00 | 3762031.00 | 2.60E-07 | 2.17E-08 | 3.41E-09 |
| 370877.00 | 3762031.00 | 2.73E-07 | 2.14E-08 | 3.62E-09 |
| 370882.00 | 3762031.00 | 2.87E-07 | 2.11E-08 | 3.84E-09 |
| 370887.00 | 3762031.00 | 3.01E-07 | 2.08E-08 | 4.08E-09 |
| 370892.00 | 3762031.00 | 3.17E-07 | 2.06E-08 | 4.32E-09 |
| 370897.00 | 3762031.00 | 3.35E-07 | 2.03E-08 | 4.59E-09 |
| 370902.00 | 3762031.00 | 3.55E-07 | 2.01E-08 | 4.88E-09 |
| 370907.00 | 3762031.00 | 3.76E-07 | 1.99E-08 | 5.18E-09 |
| 370912.00 | 3762031.00 | 4.00E-07 | 1.98E-08 | 5.49E-09 |
| 370917.00 | 3762031.00 | 4.23E-07 | 1.96E-08 | 5.80E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370922.00 | 3762031.00 | 1.29E-03 | 5.61E-05 | 1.76E-05 |
| 370927.00 | 3762031.00 | 1.37E-03 | 5.57E-05 | 1.85E-05 |
| 370932.00 | 3762031.00 | 1.44E-03 | 5.53E-05 | 1.94E-05 |
| 370937.00 | 3762031.00 | 1.52E-03 | 5.49E-05 | 2.03E-05 |
| 370942.00 | 3762031.00 | 1.60E-03 | 5.46E-05 | 2.11E-05 |
| 370962.00 | 3762031.00 | 1.91E-03 | 5.33E-05 | 2.38E-05 |
| 370967.00 | 3762031.00 | 1.98E-03 | 5.30E-05 | 2.42E-05 |
| 370972.00 | 3762031.00 | 2.05E-03 | 5.27E-05 | 2.47E-05 |
| 370977.00 | 3762031.00 | 2.12E-03 | 5.24E-05 | 2.50E-05 |
| 370982.00 | 3762031.00 | 2.18E-03 | 5.22E-05 | 2.52E-05 |
| 370987.00 | 3762031.00 | 2.23E-03 | 5.19E-05 | 2.54E-05 |
| 370992.00 | 3762031.00 | 2.28E-03 | 5.16E-05 | 2.55E-05 |
| 370997.00 | 3762031.00 | 2.32E-03 | 5.13E-05 | 2.55E-05 |
| 370867.00 | 3762036.00 | 6.76E-04 | 6.22E-05 | 8.69E-06 |
| 370872.00 | 3762036.00 | 7.09E-04 | 6.13E-05 | 9.20E-06 |
| 370877.00 | 3762036.00 | 7.44E-04 | 6.05E-05 | 9.75E-06 |
| 370882.00 | 3762036.00 | 7.82E-04 | 5.97E-05 | 1.03E-05 |
| 370887.00 | 3762036.00 | 8.24E-04 | 5.89E-05 | 1.10E-05 |
| 370892.00 | 3762036.00 | 8.67E-04 | 5.82E-05 | 1.16E-05 |
| 370897.00 | 3762036.00 | 9.13E-04 | 5.76E-05 | 1.23E-05 |
| 370902.00 | 3762036.00 | 9.62E-04 | 5.70E-05 | 1.31E-05 |
| 370907.00 | 3762036.00 | 1.02E-03 | 5.64E-05 | 1.38E-05 |
| 370912.00 | 3762036.00 | 1.08E-03 | 5.59E-05 | 1.46E-05 |
| 370917.00 | 3762036.00 | 1.14E-03 | 5.54E-05 | 1.55E-05 |
| 370922.00 | 3762036.00 | 1.20E-03 | 5.49E-05 | 1.63E-05 |
| 370927.00 | 3762036.00 | 1.27E-03 | 5.44E-05 | 1.71E-05 |
| 370932.00 | 3762036.00 | 1.34E-03 | 5.40E-05 | 1.79E-05 |
| 370937.00 | 3762036.00 | 1.41E-03 | 5.36E-05 | 1.87E-05 |
| 370942.00 | 3762036.00 | 1.48E-03 | 5.33E-05 | 1.94E-05 |
| 370947.00 | 3762036.00 | 1.56E-03 | 5.29E-05 | 2.02E-05 |
| 370962.00 | 3762036.00 | 1.77E-03 | 5.21E-05 | 2.20E-05 |
| 370967.00 | 3762036.00 | 1.84E-03 | 5.18E-05 | 2.25E-05 |
| 370972.00 | 3762036.00 | 1.91E-03 | 5.14E-05 | 2.29E-05 |
| 370977.00 | 3762036.00 | 1.97E-03 | 5.11E-05 | 2.33E-05 |
| 370982.00 | 3762036.00 | 2.03E-03 | 5.09E-05 | 2.35E-05 |
| 370987.00 | 3762036.00 | 2.08E-03 | 5.06E-05 | 2.37E-05 |
| 370992.00 | 3762036.00 | 2.12E-03 | 5.03E-05 | 2.39E-05 |
| 370997.00 | 3762036.00 | 2.16E-03 | 5.00E-05 | 2.39E-05 |
| 370872.00 | 3762041.00 | 6.70E-04 | 6.01E-05 | 8.61E-06 |
| 370877.00 | 3762041.00 | 7.03E-04 | 5.93E-05 | 9.11E-06 |
| 370882.00 | 3762041.00 | 7.38E-04 | 5.85E-05 | 9.65E-06 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370922.00 | 3762031.00 | 4.47E-07 | 1.94E-08 | 6.11E-09 |
| 370927.00 | 3762031.00 | 4.73E-07 | 1.93E-08 | 6.42E-09 |
| 370932.00 | 3762031.00 | 4.99E-07 | 1.91E-08 | 6.72E-09 |
| 370937.00 | 3762031.00 | 5.26E-07 | 1.90E-08 | 7.02E-09 |
| 370942.00 | 3762031.00 | 5.53E-07 | 1.89E-08 | 7.30E-09 |
| 370962.00 | 3762031.00 | 6.61E-07 | 1.85E-08 | 8.22E-09 |
| 370967.00 | 3762031.00 | 6.87E-07 | 1.84E-08 | 8.39E-09 |
| 370972.00 | 3762031.00 | 7.11E-07 | 1.83E-08 | 8.54E-09 |
| 370977.00 | 3762031.00 | 7.33E-07 | 1.82E-08 | 8.65E-09 |
| 370982.00 | 3762031.00 | 7.54E-07 | 1.81E-08 | 8.73E-09 |
| 370987.00 | 3762031.00 | 7.73E-07 | 1.80E-08 | 8.79E-09 |
| 370992.00 | 3762031.00 | 7.89E-07 | 1.79E-08 | 8.81E-09 |
| 370997.00 | 3762031.00 | 8.03E-07 | 1.78E-08 | 8.81E-09 |
| 370867.00 | 3762036.00 | 2.34E-07 | 2.15E-08 | 3.01E-09 |
| 370872.00 | 3762036.00 | 2.45E-07 | 2.12E-08 | 3.18E-09 |
| 370877.00 | 3762036.00 | 2.58E-07 | 2.09E-08 | 3.37E-09 |
| 370882.00 | 3762036.00 | 2.71E-07 | 2.07E-08 | 3.58E-09 |
| 370887.00 | 3762036.00 | 2.85E-07 | 2.04E-08 | 3.80E-09 |
| 370892.00 | 3762036.00 | 3.00E-07 | 2.02E-08 | 4.03E-09 |
| 370897.00 | 3762036.00 | 3.16E-07 | 1.99E-08 | 4.27E-09 |
| 370902.00 | 3762036.00 | 3.33E-07 | 1.97E-08 | 4.52E-09 |
| 370907.00 | 3762036.00 | 3.52E-07 | 1.95E-08 | 4.79E-09 |
| 370912.00 | 3762036.00 | 3.74E-07 | 1.93E-08 | 5.07E-09 |
| 370917.00 | 3762036.00 | 3.95E-07 | 1.92E-08 | 5.35E-09 |
| 370922.00 | 3762036.00 | 4.17E-07 | 1.90E-08 | 5.63E-09 |
| 370927.00 | 3762036.00 | 4.40E-07 | 1.88E-08 | 5.92E-09 |
| 370932.00 | 3762036.00 | 4.64E-07 | 1.87E-08 | 6.20E-09 |
| 370937.00 | 3762036.00 | 4.89E-07 | 1.86E-08 | 6.47E-09 |
| 370942.00 | 3762036.00 | 5.14E-07 | 1.84E-08 | 6.73E-09 |
| 370947.00 | 3762036.00 | 5.39E-07 | 1.83E-08 | 6.98E-09 |
| 370962.00 | 3762036.00 | 6.13E-07 | 1.80E-08 | 7.62E-09 |
| 370967.00 | 3762036.00 | 6.37E-07 | 1.79E-08 | 7.79E-09 |
| 370972.00 | 3762036.00 | 6.60E-07 | 1.78E-08 | 7.93E-09 |
| 370977.00 | 3762036.00 | 6.81E-07 | 1.77E-08 | 8.05E-09 |
| 370982.00 | 3762036.00 | 7.01E-07 | 1.76E-08 | 8.14E-09 |
| 370987.00 | 3762036.00 | 7.19E-07 | 1.75E-08 | 8.21E-09 |
| 370992.00 | 3762036.00 | 7.36E-07 | 1.74E-08 | 8.26E-09 |
| 370997.00 | 3762036.00 | 7.49E-07 | 1.73E-08 | 8.27E-09 |
| 370872.00 | 3762041.00 | 2.32E-07 | 2.08E-08 | 2.98E-09 |
| 370877.00 | 3762041.00 | 2.43E-07 | 2.05E-08 | 3.16E-09 |
| 370882.00 | 3762041.00 | 2.56E-07 | 2.03E-08 | 3.34E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370887.00 | 3762041.00 | 7.76E-04 | 5.78E-05 | 1.02E-05 |
| 370892.00 | 3762041.00 | 8.17E-04 | 5.71E-05 | 1.08E-05 |
| 370897.00 | 3762041.00 | 8.61E-04 | 5.64E-05 | 1.15E-05 |
| 370902.00 | 3762041.00 | 9.05E-04 | 5.58E-05 | 1.21E-05 |
| 370907.00 | 3762041.00 | 9.54E-04 | 5.52E-05 | 1.28E-05 |
| 370912.00 | 3762041.00 | 1.01E-03 | 5.47E-05 | 1.36E-05 |
| 370917.00 | 3762041.00 | 1.06E-03 | 5.42E-05 | 1.43E-05 |
| 370922.00 | 3762041.00 | 1.12E-03 | 5.37E-05 | 1.50E-05 |
| 370927.00 | 3762041.00 | 1.18E-03 | 5.32E-05 | 1.58E-05 |
| 370932.00 | 3762041.00 | 1.25E-03 | 5.28E-05 | 1.65E-05 |
| 370937.00 | 3762041.00 | 1.31E-03 | 5.24E-05 | 1.73E-05 |
| 370942.00 | 3762041.00 | 1.38E-03 | 5.21E-05 | 1.80E-05 |
| 370947.00 | 3762041.00 | 1.45E-03 | 5.17E-05 | 1.86E-05 |
| 370967.00 | 3762041.00 | 1.71E-03 | 5.05E-05 | 2.09E-05 |
| 370972.00 | 3762041.00 | 1.77E-03 | 5.02E-05 | 2.13E-05 |
| 370977.00 | 3762041.00 | 1.83E-03 | 4.99E-05 | 2.17E-05 |
| 370982.00 | 3762041.00 | 1.89E-03 | 4.96E-05 | 2.20E-05 |
| 370987.00 | 3762041.00 | 1.94E-03 | 4.93E-05 | 2.22E-05 |
| 370992.00 | 3762041.00 | 1.98E-03 | 4.90E-05 | 2.23E-05 |
| 370997.00 | 3762041.00 | 2.02E-03 | 4.88E-05 | 2.24E-05 |
| 371002.00 | 3762041.00 | 2.06E-03 | 4.85E-05 | 2.25E-05 |
| 370877.00 | 3762046.00 | 6.65E-04 | 5.82E-05 | 8.54E-06 |
| 370882.00 | 3762046.00 | 6.98E-04 | 5.74E-05 | 9.02E-06 |
| 370887.00 | 3762046.00 | 7.33E-04 | 5.66E-05 | 9.55E-06 |
| 370892.00 | 3762046.00 | 7.70E-04 | 5.60E-05 | 1.01E-05 |
| 370897.00 | 3762046.00 | 8.11E-04 | 5.53E-05 | 1.07E-05 |
| 370902.00 | 3762046.00 | 8.53E-04 | 5.47E-05 | 1.13E-05 |
| 370907.00 | 3762046.00 | 8.96E-04 | 5.41E-05 | 1.19E-05 |
| 370912.00 | 3762046.00 | 9.43E-04 | 5.35E-05 | 1.26E-05 |
| 370917.00 | 3762046.00 | 9.94E-04 | 5.30E-05 | 1.32E-05 |
| 370922.00 | 3762046.00 | 1.05E-03 | 5.25E-05 | 1.39E-05 |
| 370927.00 | 3762046.00 | 1.10E-03 | 5.21E-05 | 1.46E-05 |
| 370932.00 | 3762046.00 | 1.16E-03 | 5.17E-05 | 1.53E-05 |
| 370937.00 | 3762046.00 | 1.22E-03 | 5.13E-05 | 1.60E-05 |
| 370942.00 | 3762046.00 | 1.29E-03 | 5.09E-05 | 1.66E-05 |
| 370947.00 | 3762046.00 | 1.35E-03 | 5.06E-05 | 1.73E-05 |
| 370952.00 | 3762046.00 | 1.41E-03 | 5.02E-05 | 1.79E-05 |
| 370972.00 | 3762046.00 | 1.65E-03 | 4.91E-05 | 1.98E-05 |
| 370977.00 | 3762046.00 | 1.71E-03 | 4.88E-05 | 2.02E-05 |
| 370982.00 | 3762046.00 | 1.76E-03 | 4.84E-05 | 2.05E-05 |
| 370987.00 | 3762046.00 | 1.81E-03 | 4.82E-05 | 2.08E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370887.00 | 3762041.00 | 2.69E-07 | 2.00E-08 | 3.54E-09 |
| 370892.00 | 3762041.00 | 2.83E-07 | 1.98E-08 | 3.75E-09 |
| 370897.00 | 3762041.00 | 2.98E-07 | 1.95E-08 | 3.97E-09 |
| 370902.00 | 3762041.00 | 3.13E-07 | 1.93E-08 | 4.20E-09 |
| 370907.00 | 3762041.00 | 3.30E-07 | 1.91E-08 | 4.44E-09 |
| 370912.00 | 3762041.00 | 3.49E-07 | 1.89E-08 | 4.69E-09 |
| 370917.00 | 3762041.00 | 3.68E-07 | 1.87E-08 | 4.95E-09 |
| 370922.00 | 3762041.00 | 3.88E-07 | 1.86E-08 | 5.20E-09 |
| 370927.00 | 3762041.00 | 4.10E-07 | 1.84E-08 | 5.46E-09 |
| 370932.00 | 3762041.00 | 4.32E-07 | 1.83E-08 | 5.72E-09 |
| 370937.00 | 3762041.00 | 4.55E-07 | 1.81E-08 | 5.97E-09 |
| 370942.00 | 3762041.00 | 4.78E-07 | 1.80E-08 | 6.22E-09 |
| 370947.00 | 3762041.00 | 5.01E-07 | 1.79E-08 | 6.45E-09 |
| 370967.00 | 3762041.00 | 5.92E-07 | 1.75E-08 | 7.23E-09 |
| 370972.00 | 3762041.00 | 6.13E-07 | 1.74E-08 | 7.38E-09 |
| 370977.00 | 3762041.00 | 6.34E-07 | 1.73E-08 | 7.50E-09 |
| 370982.00 | 3762041.00 | 6.53E-07 | 1.72E-08 | 7.60E-09 |
| 370987.00 | 3762041.00 | 6.70E-07 | 1.71E-08 | 7.68E-09 |
| 370992.00 | 3762041.00 | 6.86E-07 | 1.70E-08 | 7.74E-09 |
| 370997.00 | 3762041.00 | 7.00E-07 | 1.69E-08 | 7.77E-09 |
| 371002.00 | 3762041.00 | 7.12E-07 | 1.68E-08 | 7.78E-09 |
| 370877.00 | 3762046.00 | 2.30E-07 | 2.01E-08 | 2.95E-09 |
| 370882.00 | 3762046.00 | 2.42E-07 | 1.99E-08 | 3.12E-09 |
| 370887.00 | 3762046.00 | 2.54E-07 | 1.96E-08 | 3.30E-09 |
| 370892.00 | 3762046.00 | 2.67E-07 | 1.94E-08 | 3.50E-09 |
| 370897.00 | 3762046.00 | 2.81E-07 | 1.91E-08 | 3.70E-09 |
| 370902.00 | 3762046.00 | 2.95E-07 | 1.89E-08 | 3.91E-09 |
| 370907.00 | 3762046.00 | 3.10E-07 | 1.87E-08 | 4.12E-09 |
| 370912.00 | 3762046.00 | 3.26E-07 | 1.85E-08 | 4.35E-09 |
| 370917.00 | 3762046.00 | 3.44E-07 | 1.84E-08 | 4.58E-09 |
| 370922.00 | 3762046.00 | 3.62E-07 | 1.82E-08 | 4.82E-09 |
| 370927.00 | 3762046.00 | 3.82E-07 | 1.80E-08 | 5.06E-09 |
| 370932.00 | 3762046.00 | 4.03E-07 | 1.79E-08 | 5.29E-09 |
| 370937.00 | 3762046.00 | 4.24E-07 | 1.78E-08 | 5.53E-09 |
| 370942.00 | 3762046.00 | 4.45E-07 | 1.76E-08 | 5.76E-09 |
| 370947.00 | 3762046.00 | 4.66E-07 | 1.75E-08 | 5.98E-09 |
| 370952.00 | 3762046.00 | 4.88E-07 | 1.74E-08 | 6.18E-09 |
| 370972.00 | 3762046.00 | 5.71E-07 | 1.70E-08 | 6.87E-09 |
| 370977.00 | 3762046.00 | 5.90E-07 | 1.69E-08 | 6.99E-09 |
| 370982.00 | 3762046.00 | 6.08E-07 | 1.68E-08 | 7.10E-09 |
| 370987.00 | 3762046.00 | 6.25E-07 | 1.67E-08 | 7.19E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370992.00 | 3762046.00 | 1.85E-03 | 4.79E-05 | 2.09E-05 |
| 370997.00 | 3762046.00 | 1.89E-03 | 4.76E-05 | 2.11E-05 |
| 371002.00 | 3762046.00 | 1.93E-03 | 4.73E-05 | 2.12E-05 |
| 370877.00 | 3762051.00 | 6.30E-04 | 5.70E-05 | 8.01E-06 |
| 370882.00 | 3762051.00 | 6.60E-04 | 5.63E-05 | 8.45E-06 |
| 370887.00 | 3762051.00 | 6.93E-04 | 5.56E-05 | 8.93E-06 |
| 370892.00 | 3762051.00 | 7.27E-04 | 5.49E-05 | 9.43E-06 |
| 370897.00 | 3762051.00 | 7.64E-04 | 5.42E-05 | 9.96E-06 |
| 370902.00 | 3762051.00 | 8.03E-04 | 5.36E-05 | 1.05E-05 |
| 370907.00 | 3762051.00 | 8.43E-04 | 5.30E-05 | 1.11E-05 |
| 370912.00 | 3762051.00 | 8.86E-04 | 5.25E-05 | 1.17E-05 |
| 370917.00 | 3762051.00 | 9.32E-04 | 5.20E-05 | 1.23E-05 |
| 370922.00 | 3762051.00 | 9.81E-04 | 5.15E-05 | 1.29E-05 |
| 370927.00 | 3762051.00 | 1.03E-03 | 5.10E-05 | 1.36E-05 |
| 370932.00 | 3762051.00 | 1.09E-03 | 5.06E-05 | 1.42E-05 |
| 370937.00 | 3762051.00 | 1.14E-03 | 5.02E-05 | 1.48E-05 |
| 370942.00 | 3762051.00 | 1.20E-03 | 4.98E-05 | 1.54E-05 |
| 370947.00 | 3762051.00 | 1.26E-03 | 4.95E-05 | 1.60E-05 |
| 370952.00 | 3762051.00 | 1.31E-03 | 4.91E-05 | 1.66E-05 |
| 370957.00 | 3762051.00 | 1.37E-03 | 4.88E-05 | 1.71E-05 |
| 370972.00 | 3762051.00 | 1.54E-03 | 4.79E-05 | 1.85E-05 |
| 370977.00 | 3762051.00 | 1.59E-03 | 4.76E-05 | 1.89E-05 |
| 370982.00 | 3762051.00 | 1.64E-03 | 4.73E-05 | 1.92E-05 |
| 370987.00 | 3762051.00 | 1.69E-03 | 4.70E-05 | 1.94E-05 |
| 370992.00 | 3762051.00 | 1.73E-03 | 4.68E-05 | 1.96E-05 |
| 370997.00 | 3762051.00 | 1.77E-03 | 4.65E-05 | 1.98E-05 |
| 371002.00 | 3762051.00 | 1.81E-03 | 4.62E-05 | 1.99E-05 |
| 370882.00 | 3762056.00 | 6.25E-04 | 5.52E-05 | 7.93E-06 |
| 370887.00 | 3762056.00 | 6.55E-04 | 5.45E-05 | 8.37E-06 |
| 370892.00 | 3762056.00 | 6.87E-04 | 5.38E-05 | 8.83E-06 |
| 370897.00 | 3762056.00 | 7.22E-04 | 5.32E-05 | 9.31E-06 |
| 370902.00 | 3762056.00 | 7.58E-04 | 5.26E-05 | 9.82E-06 |
| 370907.00 | 3762056.00 | 7.95E-04 | 5.20E-05 | 1.03E-05 |
| 370912.00 | 3762056.00 | 8.34E-04 | 5.14E-05 | 1.09E-05 |
| 370917.00 | 3762056.00 | 8.76E-04 | 5.09E-05 | 1.14E-05 |
| 370922.00 | 3762056.00 | 9.20E-04 | 5.04E-05 | 1.20E-05 |
| 370927.00 | 3762056.00 | 9.68E-04 | 5.00E-05 | 1.26E-05 |
| 370932.00 | 3762056.00 | 1.02E-03 | 4.95E-05 | 1.32E-05 |
| 370937.00 | 3762056.00 | 1.06E-03 | 4.91E-05 | 1.37E-05 |
| 370942.00 | 3762056.00 | 1.12E-03 | 4.88E-05 | 1.43E-05 |
| 370947.00 | 3762056.00 | 1.18E-03 | 4.84E-05 | 1.49E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370992.00 | 3762046.00 | 6.41E-07 | 1.66E-08 | 7.25E-09 |
| 370997.00 | 3762046.00 | 6.54E-07 | 1.65E-08 | 7.30E-09 |
| 371002.00 | 3762046.00 | 6.67E-07 | 1.64E-08 | 7.32E-09 |
| 370877.00 | 3762051.00 | 2.18E-07 | 1.97E-08 | 2.77E-09 |
| 370882.00 | 3762051.00 | 2.29E-07 | 1.95E-08 | 2.93E-09 |
| 370887.00 | 3762051.00 | 2.40E-07 | 1.92E-08 | 3.09E-09 |
| 370892.00 | 3762051.00 | 2.52E-07 | 1.90E-08 | 3.26E-09 |
| 370897.00 | 3762051.00 | 2.65E-07 | 1.88E-08 | 3.45E-09 |
| 370902.00 | 3762051.00 | 2.78E-07 | 1.86E-08 | 3.64E-09 |
| 370907.00 | 3762051.00 | 2.92E-07 | 1.84E-08 | 3.84E-09 |
| 370912.00 | 3762051.00 | 3.07E-07 | 1.82E-08 | 4.04E-09 |
| 370917.00 | 3762051.00 | 3.23E-07 | 1.80E-08 | 4.26E-09 |
| 370922.00 | 3762051.00 | 3.39E-07 | 1.78E-08 | 4.47E-09 |
| 370927.00 | 3762051.00 | 3.58E-07 | 1.77E-08 | 4.69E-09 |
| 370932.00 | 3762051.00 | 3.76E-07 | 1.75E-08 | 4.91E-09 |
| 370937.00 | 3762051.00 | 3.95E-07 | 1.74E-08 | 5.12E-09 |
| 370942.00 | 3762051.00 | 4.15E-07 | 1.72E-08 | 5.34E-09 |
| 370947.00 | 3762051.00 | 4.35E-07 | 1.71E-08 | 5.54E-09 |
| 370952.00 | 3762051.00 | 4.55E-07 | 1.70E-08 | 5.74E-09 |
| 370957.00 | 3762051.00 | 4.75E-07 | 1.69E-08 | 5.93E-09 |
| 370972.00 | 3762051.00 | 5.32E-07 | 1.66E-08 | 6.40E-09 |
| 370977.00 | 3762051.00 | 5.51E-07 | 1.65E-08 | 6.53E-09 |
| 370982.00 | 3762051.00 | 5.68E-07 | 1.64E-08 | 6.64E-09 |
| 370987.00 | 3762051.00 | 5.84E-07 | 1.63E-08 | 6.73E-09 |
| 370992.00 | 3762051.00 | 5.99E-07 | 1.62E-08 | 6.80E-09 |
| 370997.00 | 3762051.00 | 6.13E-07 | 1.61E-08 | 6.86E-09 |
| 371002.00 | 3762051.00 | 6.25E-07 | 1.60E-08 | 6.89E-09 |
| 370882.00 | 3762056.00 | 2.17E-07 | 1.91E-08 | 2.75E-09 |
| 370887.00 | 3762056.00 | 2.27E-07 | 1.89E-08 | 2.90E-09 |
| 370892.00 | 3762056.00 | 2.38E-07 | 1.86E-08 | 3.06E-09 |
| 370897.00 | 3762056.00 | 2.50E-07 | 1.84E-08 | 3.22E-09 |
| 370902.00 | 3762056.00 | 2.62E-07 | 1.82E-08 | 3.40E-09 |
| 370907.00 | 3762056.00 | 2.75E-07 | 1.80E-08 | 3.58E-09 |
| 370912.00 | 3762056.00 | 2.89E-07 | 1.78E-08 | 3.77E-09 |
| 370917.00 | 3762056.00 | 3.03E-07 | 1.76E-08 | 3.96E-09 |
| 370922.00 | 3762056.00 | 3.18E-07 | 1.75E-08 | 4.15E-09 |
| 370927.00 | 3762056.00 | 3.35E-07 | 1.73E-08 | 4.36E-09 |
| 370932.00 | 3762056.00 | 3.52E-07 | 1.72E-08 | 4.56E-09 |
| 370937.00 | 3762056.00 | 3.68E-07 | 1.70E-08 | 4.75E-09 |
| 370942.00 | 3762056.00 | 3.87E-07 | 1.69E-08 | 4.96E-09 |
| 370947.00 | 3762056.00 | 4.07E-07 | 1.68E-08 | 5.15E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370952.00 | 3762056.00 | 1.23E-03 | 4.81E-05 | 1.54E-05 |
| 370957.00 | 3762056.00 | 1.28E-03 | 4.78E-05 | 1.59E-05 |
| 370962.00 | 3762056.00 | 1.33E-03 | 4.74E-05 | 1.64E-05 |
| 370977.00 | 3762056.00 | 1.49E-03 | 4.66E-05 | 1.76E-05 |
| 370982.00 | 3762056.00 | 1.53E-03 | 4.63E-05 | 1.79E-05 |
| 370987.00 | 3762056.00 | 1.58E-03 | 4.60E-05 | 1.82E-05 |
| 370992.00 | 3762056.00 | 1.62E-03 | 4.57E-05 | 1.84E-05 |
| 370997.00 | 3762056.00 | 1.66E-03 | 4.54E-05 | 1.86E-05 |
| 371002.00 | 3762056.00 | 1.69E-03 | 4.51E-05 | 1.87E-05 |
| 370869.00 | 3761662.00 | 7.18E-04 | 7.95E-05 | 4.70E-06 |
| 370889.00 | 3761662.00 | 6.38E-04 | 6.29E-05 | 3.96E-06 |
| 370909.00 | 3761662.00 | 5.64E-04 | 5.38E-05 | 3.36E-06 |
| 370929.00 | 3761662.00 | 4.98E-04 | 5.05E-05 | 2.87E-06 |
| 370949.00 | 3761662.00 | 4.14E-04 | 4.24E-05 | 2.36E-06 |
| 370969.00 | 3761662.00 | 3.39E-04 | 3.56E-05 | 1.94E-06 |
| 370989.00 | 3761662.00 | 2.75E-04 | 2.99E-05 | 1.59E-06 |
| 371009.00 | 3761662.00 | 2.23E-04 | 2.52E-05 | 1.31E-06 |
| 371029.00 | 3761662.00 | 1.81E-04 | 2.14E-05 | 1.09E-06 |
| 371049.00 | 3761662.00 | 1.49E-04 | 1.83E-05 | 9.17E-07 |
| 371069.00 | 3761662.00 | 1.24E-04 | 1.57E-05 | 7.81E-07 |
| 371089.00 | 3761662.00 | 1.04E-04 | 1.36E-05 | 6.74E-07 |
| 371109.00 | 3761662.00 | 8.85E-05 | 1.20E-05 | 5.88E-07 |
| 371129.00 | 3761662.00 | 7.63E-05 | 1.05E-05 | 5.18E-07 |
| 371149.00 | 3761662.00 | 6.66E-05 | 9.36E-06 | 4.61E-07 |
| 371169.00 | 3761662.00 | 5.88E-05 | 8.38E-06 | 4.13E-07 |
| 371189.00 | 3761662.00 | 5.22E-05 | 7.52E-06 | 3.73E-07 |
| 371209.00 | 3761662.00 | 4.69E-05 | 6.86E-06 | 3.39E-07 |
| 371229.00 | 3761662.00 | 4.24E-05 | 6.22E-06 | 3.09E-07 |
| 371249.00 | 3761662.00 | 3.85E-05 | 5.67E-06 | 2.83E-07 |
| 371269.00 | 3761662.00 | 3.51E-05 | 5.19E-06 | 2.60E-07 |
| 371289.00 | 3761662.00 | 3.22E-05 | 4.80E-06 | 2.40E-07 |
| 371309.00 | 3761662.00 | 2.97E-05 | 4.44E-06 | 2.23E-07 |
| 371329.00 | 3761662.00 | 2.75E-05 | 4.12E-06 | 2.07E-07 |
| 371349.00 | 3761662.00 | 2.55E-05 | 3.84E-06 | 1.93E-07 |
| 371369.00 | 3761662.00 | 2.37E-05 | 3.58E-06 | 1.80E-07 |
| 371389.00 | 3761662.00 | 2.21E-05 | 3.35E-06 | 1.69E-07 |
| 371409.00 | 3761662.00 | 2.07E-05 | 3.14E-06 | 1.58E-07 |
| 371429.00 | 3761662.00 | 1.94E-05 | 2.94E-06 | 1.48E-07 |
| 371449.00 | 3761662.00 | 1.82E-05 | 2.77E-06 | 1.40E-07 |
| 370869.00 | 3761682.00 | 8.81E-04 | 1.00E-04 | 5.71E-06 |
| 370889.00 | 3761682.00 | 7.40E-04 | 7.92E-05 | 4.54E-06 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370952.00 | 3762056.00 | 4.25E-07 | 1.66E-08 | 5.34E-09 |
| 370957.00 | 3762056.00 | 4.43E-07 | 1.65E-08 | 5.51E-09 |
| 370962.00 | 3762056.00 | 4.62E-07 | 1.64E-08 | 5.68E-09 |
| 370977.00 | 3762056.00 | 5.14E-07 | 1.61E-08 | 6.10E-09 |
| 370982.00 | 3762056.00 | 5.31E-07 | 1.60E-08 | 6.21E-09 |
| 370987.00 | 3762056.00 | 5.46E-07 | 1.59E-08 | 6.30E-09 |
| 370992.00 | 3762056.00 | 5.61E-07 | 1.58E-08 | 6.38E-09 |
| 370997.00 | 3762056.00 | 5.74E-07 | 1.57E-08 | 6.44E-09 |
| 371002.00 | 3762056.00 | 5.86E-07 | 1.56E-08 | 6.49E-09 |
| 370869.00 | 3761662.00 | 2.48E-07 | 2.75E-08 | 1.63E-09 |
| 370889.00 | 3761662.00 | 2.21E-07 | 2.18E-08 | 1.37E-09 |
| 370909.00 | 3761662.00 | 1.95E-07 | 1.86E-08 | 1.16E-09 |
| 370929.00 | 3761662.00 | 1.72E-07 | 1.75E-08 | 9.94E-10 |
| 370949.00 | 3761662.00 | 1.43E-07 | 1.47E-08 | 8.19E-10 |
| 370969.00 | 3761662.00 | 1.17E-07 | 1.23E-08 | 6.72E-10 |
| 370989.00 | 3761662.00 | 9.52E-08 | 1.03E-08 | 5.51E-10 |
| 371009.00 | 3761662.00 | 7.72E-08 | 8.73E-09 | 4.54E-10 |
| 371029.00 | 3761662.00 | 6.28E-08 | 7.41E-09 | 3.78E-10 |
| 371049.00 | 3761662.00 | 5.15E-08 | 6.33E-09 | 3.17E-10 |
| 371069.00 | 3761662.00 | 4.28E-08 | 5.44E-09 | 2.70E-10 |
| 371089.00 | 3761662.00 | 3.60E-08 | 4.71E-09 | 2.33E-10 |
| 371109.00 | 3761662.00 | 3.06E-08 | 4.15E-09 | 2.03E-10 |
| 371129.00 | 3761662.00 | 2.64E-08 | 3.63E-09 | 1.79E-10 |
| 371149.00 | 3761662.00 | 2.31E-08 | 3.24E-09 | 1.60E-10 |
| 371169.00 | 3761662.00 | 2.03E-08 | 2.90E-09 | 1.43E-10 |
| 371189.00 | 3761662.00 | 1.81E-08 | 2.60E-09 | 1.29E-10 |
| 371209.00 | 3761662.00 | 1.62E-08 | 2.38E-09 | 1.17E-10 |
| 371229.00 | 3761662.00 | 1.47E-08 | 2.15E-09 | 1.07E-10 |
| 371249.00 | 3761662.00 | 1.33E-08 | 1.96E-09 | 9.79E-11 |
| 371269.00 | 3761662.00 | 1.21E-08 | 1.80E-09 | 8.99E-11 |
| 371289.00 | 3761662.00 | 1.12E-08 | 1.66E-09 | 8.32E-11 |
| 371309.00 | 3761662.00 | 1.03E-08 | 1.54E-09 | 7.71E-11 |
| 371329.00 | 3761662.00 | 9.53E-09 | 1.43E-09 | 7.17E-11 |
| 371349.00 | 3761662.00 | 8.83E-09 | 1.33E-09 | 6.68E-11 |
| 371369.00 | 3761662.00 | 8.22E-09 | 1.24E-09 | 6.23E-11 |
| 371389.00 | 3761662.00 | 7.66E-09 | 1.16E-09 | 5.83E-11 |
| 371409.00 | 3761662.00 | 7.15E-09 | 1.09E-09 | 5.47E-11 |
| 371429.00 | 3761662.00 | 6.70E-09 | 1.02E-09 | 5.14E-11 |
| 371449.00 | 3761662.00 | 6.29E-09 | 9.59E-10 | 4.83E-11 |
| 370869.00 | 3761682.00 | 3.05E-07 | 3.47E-08 | 1.98E-09 |
| 370889.00 | 3761682.00 | 2.56E-07 | 2.74E-08 | 1.57E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370909.00 | 3761682.00 | 7.32E-04 | 7.65E-05 | 4.17E-06 |
| 370929.00 | 3761682.00 | 6.18E-04 | 6.52E-05 | 3.40E-06 |
| 370949.00 | 3761682.00 | 5.02E-04 | 5.32E-05 | 2.73E-06 |
| 370969.00 | 3761682.00 | 4.01E-04 | 4.34E-05 | 2.19E-06 |
| 370989.00 | 3761682.00 | 3.17E-04 | 3.56E-05 | 1.76E-06 |
| 371009.00 | 3761682.00 | 2.51E-04 | 2.93E-05 | 1.43E-06 |
| 371029.00 | 3761682.00 | 2.00E-04 | 2.44E-05 | 1.18E-06 |
| 371049.00 | 3761682.00 | 1.62E-04 | 2.05E-05 | 9.81E-07 |
| 371069.00 | 3761682.00 | 1.33E-04 | 1.75E-05 | 8.32E-07 |
| 371089.00 | 3761682.00 | 1.11E-04 | 1.50E-05 | 7.15E-07 |
| 371109.00 | 3761682.00 | 9.40E-05 | 1.30E-05 | 6.22E-07 |
| 371129.00 | 3761682.00 | 8.08E-05 | 1.13E-05 | 5.47E-07 |
| 371149.00 | 3761682.00 | 7.05E-05 | 1.00E-05 | 4.86E-07 |
| 371169.00 | 3761682.00 | 6.21E-05 | 8.97E-06 | 4.35E-07 |
| 371189.00 | 3761682.00 | 5.52E-05 | 8.00E-06 | 3.92E-07 |
| 371209.00 | 3761682.00 | 4.96E-05 | 7.21E-06 | 3.55E-07 |
| 371229.00 | 3761682.00 | 4.47E-05 | 6.54E-06 | 3.24E-07 |
| 371249.00 | 3761682.00 | 4.06E-05 | 5.95E-06 | 2.96E-07 |
| 371269.00 | 3761682.00 | 3.71E-05 | 5.45E-06 | 2.72E-07 |
| 371289.00 | 3761682.00 | 3.40E-05 | 5.01E-06 | 2.51E-07 |
| 371309.00 | 3761682.00 | 3.12E-05 | 4.61E-06 | 2.32E-07 |
| 371329.00 | 3761682.00 | 2.88E-05 | 4.26E-06 | 2.15E-07 |
| 371349.00 | 3761682.00 | 2.67E-05 | 3.96E-06 | 2.00E-07 |
| 371369.00 | 3761682.00 | 2.49E-05 | 3.70E-06 | 1.87E-07 |
| 371389.00 | 3761682.00 | 2.33E-05 | 3.46E-06 | 1.75E-07 |
| 371409.00 | 3761682.00 | 2.17E-05 | 3.24E-06 | 1.64E-07 |
| 371429.00 | 3761682.00 | 2.03E-05 | 3.03E-06 | 1.54E-07 |
| 371449.00 | 3761682.00 | 1.90E-05 | 2.85E-06 | 1.45E-07 |
| 370869.00 | 3761702.00 | 1.05E-03 | 1.35E-04 | 6.65E-06 |
| 370889.00 | 3761702.00 | 1.08E-03 | 1.27E-04 | 6.27E-06 |
| 370909.00 | 3761702.00 | 9.58E-04 | 1.12E-04 | 5.17E-06 |
| 370929.00 | 3761702.00 | 7.87E-04 | 8.81E-05 | 4.06E-06 |
| 370949.00 | 3761702.00 | 6.23E-04 | 6.90E-05 | 3.18E-06 |
| 370969.00 | 3761702.00 | 4.80E-04 | 5.44E-05 | 2.48E-06 |
| 370989.00 | 3761702.00 | 3.67E-04 | 4.32E-05 | 1.96E-06 |
| 371009.00 | 3761702.00 | 2.82E-04 | 3.46E-05 | 1.56E-06 |
| 371029.00 | 3761702.00 | 2.21E-04 | 2.82E-05 | 1.27E-06 |
| 371049.00 | 3761702.00 | 1.76E-04 | 2.33E-05 | 1.05E-06 |
| 371069.00 | 3761702.00 | 1.43E-04 | 1.95E-05 | 8.89E-07 |
| 371089.00 | 3761702.00 | 1.19E-04 | 1.66E-05 | 7.62E-07 |
| 371109.00 | 3761702.00 | 1.00E-04 | 1.43E-05 | 6.62E-07 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370909.00 | 3761682.00 | 2.53E-07 | 2.65E-08 | 1.44E-09 |
| 370929.00 | 3761682.00 | 2.14E-07 | 2.26E-08 | 1.18E-09 |
| 370949.00 | 3761682.00 | 1.74E-07 | 1.84E-08 | 9.45E-10 |
| 370969.00 | 3761682.00 | 1.39E-07 | 1.50E-08 | 7.58E-10 |
| 370989.00 | 3761682.00 | 1.10E-07 | 1.23E-08 | 6.10E-10 |
| 371009.00 | 3761682.00 | 8.67E-08 | 1.01E-08 | 4.95E-10 |
| 371029.00 | 3761682.00 | 6.92E-08 | 8.45E-09 | 4.07E-10 |
| 371049.00 | 3761682.00 | 5.60E-08 | 7.11E-09 | 3.40E-10 |
| 371069.00 | 3761682.00 | 4.60E-08 | 6.05E-09 | 2.88E-10 |
| 371089.00 | 3761682.00 | 3.84E-08 | 5.19E-09 | 2.47E-10 |
| 371109.00 | 3761682.00 | 3.25E-08 | 4.51E-09 | 2.15E-10 |
| 371129.00 | 3761682.00 | 2.80E-08 | 3.93E-09 | 1.89E-10 |
| 371149.00 | 3761682.00 | 2.44E-08 | 3.47E-09 | 1.68E-10 |
| 371169.00 | 3761682.00 | 2.15E-08 | 3.10E-09 | 1.51E-10 |
| 371189.00 | 3761682.00 | 1.91E-08 | 2.77E-09 | 1.36E-10 |
| 371209.00 | 3761682.00 | 1.72E-08 | 2.50E-09 | 1.23E-10 |
| 371229.00 | 3761682.00 | 1.55E-08 | 2.26E-09 | 1.12E-10 |
| 371249.00 | 3761682.00 | 1.41E-08 | 2.06E-09 | 1.02E-10 |
| 371269.00 | 3761682.00 | 1.28E-08 | 1.89E-09 | 9.42E-11 |
| 371289.00 | 3761682.00 | 1.18E-08 | 1.73E-09 | 8.68E-11 |
| 371309.00 | 3761682.00 | 1.08E-08 | 1.60E-09 | 8.02E-11 |
| 371329.00 | 3761682.00 | 9.97E-09 | 1.48E-09 | 7.43E-11 |
| 371349.00 | 3761682.00 | 9.26E-09 | 1.37E-09 | 6.92E-11 |
| 371369.00 | 3761682.00 | 8.62E-09 | 1.28E-09 | 6.46E-11 |
| 371389.00 | 3761682.00 | 8.07E-09 | 1.20E-09 | 6.06E-11 |
| 371409.00 | 3761682.00 | 7.52E-09 | 1.12E-09 | 5.67E-11 |
| 371429.00 | 3761682.00 | 7.04E-09 | 1.05E-09 | 5.32E-11 |
| 371449.00 | 3761682.00 | 6.59E-09 | 9.87E-10 | 5.00E-11 |
| 370869.00 | 3761702.00 | 3.64E-07 | 4.66E-08 | 2.30E-09 |
| 370889.00 | 3761702.00 | 3.73E-07 | 4.41E-08 | 2.17E-09 |
| 370909.00 | 3761702.00 | 3.32E-07 | 3.88E-08 | 1.79E-09 |
| 370929.00 | 3761702.00 | 2.72E-07 | 3.05E-08 | 1.41E-09 |
| 370949.00 | 3761702.00 | 2.16E-07 | 2.39E-08 | 1.10E-09 |
| 370969.00 | 3761702.00 | 1.66E-07 | 1.88E-08 | 8.60E-10 |
| 370989.00 | 3761702.00 | 1.27E-07 | 1.49E-08 | 6.77E-10 |
| 371009.00 | 3761702.00 | 9.77E-08 | 1.20E-08 | 5.41E-10 |
| 371029.00 | 3761702.00 | 7.64E-08 | 9.76E-09 | 4.40E-10 |
| 371049.00 | 3761702.00 | 6.10E-08 | 8.06E-09 | 3.65E-10 |
| 371069.00 | 3761702.00 | 4.96E-08 | 6.76E-09 | 3.08E-10 |
| 371089.00 | 3761702.00 | 4.11E-08 | 5.74E-09 | 2.64E-10 |
| 371109.00 | 3761702.00 | 3.48E-08 | 4.95E-09 | 2.29E-10 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371129.00 | 3761702.00 | 8.64E-05 | 1.24E-05 | 5.82E-07 |
| 371149.00 | 3761702.00 | 7.53E-05 | 1.09E-05 | 5.16E-07 |
| 371169.00 | 3761702.00 | 6.63E-05 | 9.63E-06 | 4.61E-07 |
| 371189.00 | 3761702.00 | 5.91E-05 | 8.54E-06 | 4.15E-07 |
| 371209.00 | 3761702.00 | 5.29E-05 | 7.65E-06 | 3.75E-07 |
| 371229.00 | 3761702.00 | 4.77E-05 | 6.91E-06 | 3.41E-07 |
| 371249.00 | 3761702.00 | 4.35E-05 | 6.31E-06 | 3.13E-07 |
| 371269.00 | 3761702.00 | 3.98E-05 | 5.76E-06 | 2.87E-07 |
| 371289.00 | 3761702.00 | 3.65E-05 | 5.27E-06 | 2.64E-07 |
| 371309.00 | 3761702.00 | 3.34E-05 | 4.83E-06 | 2.44E-07 |
| 371329.00 | 3761702.00 | 3.08E-05 | 4.46E-06 | 2.26E-07 |
| 371349.00 | 3761702.00 | 2.86E-05 | 4.14E-06 | 2.10E-07 |
| 371369.00 | 3761702.00 | 2.67E-05 | 3.85E-06 | 1.96E-07 |
| 371389.00 | 3761702.00 | 2.48E-05 | 3.59E-06 | 1.83E-07 |
| 371409.00 | 3761702.00 | 2.31E-05 | 3.35E-06 | 1.71E-07 |
| 371429.00 | 3761702.00 | 2.16E-05 | 3.14E-06 | 1.60E-07 |
| 371449.00 | 3761702.00 | 2.02E-05 | 2.94E-06 | 1.51E-07 |
| 370869.00 | 3761722.00 | 1.61E-03 | 2.94E-04 | 1.02E-05 |
| 370889.00 | 3761722.00 | 1.51E-03 | 2.33E-04 | 8.43E-06 |
| 370909.00 | 3761722.00 | 1.29E-03 | 1.70E-04 | 6.52E-06 |
| 370929.00 | 3761722.00 | 1.04E-03 | 1.27E-04 | 4.94E-06 |
| 370949.00 | 3761722.00 | 7.89E-04 | 9.39E-05 | 3.72E-06 |
| 370969.00 | 3761722.00 | 5.82E-04 | 7.04E-05 | 2.83E-06 |
| 370989.00 | 3761722.00 | 4.28E-04 | 5.37E-05 | 2.18E-06 |
| 371009.00 | 3761722.00 | 3.19E-04 | 4.17E-05 | 1.71E-06 |
| 371029.00 | 3761722.00 | 2.44E-04 | 3.31E-05 | 1.38E-06 |
| 371049.00 | 3761722.00 | 1.92E-04 | 2.68E-05 | 1.14E-06 |
| 371069.00 | 3761722.00 | 1.55E-04 | 2.21E-05 | 9.59E-07 |
| 371089.00 | 3761722.00 | 1.29E-04 | 1.86E-05 | 8.20E-07 |
| 371109.00 | 3761722.00 | 1.09E-04 | 1.58E-05 | 7.12E-07 |
| 371129.00 | 3761722.00 | 9.35E-05 | 1.34E-05 | 6.24E-07 |
| 371149.00 | 3761722.00 | 8.14E-05 | 1.17E-05 | 5.52E-07 |
| 371169.00 | 3761722.00 | 7.24E-05 | 1.05E-05 | 4.94E-07 |
| 371189.00 | 3761722.00 | 6.45E-05 | 9.23E-06 | 4.45E-07 |
| 371209.00 | 3761722.00 | 5.79E-05 | 8.22E-06 | 4.02E-07 |
| 371229.00 | 3761722.00 | 5.22E-05 | 7.38E-06 | 3.65E-07 |
| 371249.00 | 3761722.00 | 4.77E-05 | 6.75E-06 | 3.34E-07 |
| 371269.00 | 3761722.00 | 4.36E-05 | 6.13E-06 | 3.07E-07 |
| 371289.00 | 3761722.00 | 4.00E-05 | 5.58E-06 | 2.82E-07 |
| 371309.00 | 3761722.00 | 3.66E-05 | 5.10E-06 | 2.60E-07 |
| 371329.00 | 3761722.00 | 3.37E-05 | 4.70E-06 | 2.41E-07 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371129.00 | 3761702.00 | 2.99E-08 | 4.28E-09 | 2.01E-10 |
| 371149.00 | 3761702.00 | 2.60E-08 | 3.77E-09 | 1.78E-10 |
| 371169.00 | 3761702.00 | 2.30E-08 | 3.33E-09 | 1.60E-10 |
| 371189.00 | 3761702.00 | 2.04E-08 | 2.96E-09 | 1.44E-10 |
| 371209.00 | 3761702.00 | 1.83E-08 | 2.65E-09 | 1.30E-10 |
| 371229.00 | 3761702.00 | 1.65E-08 | 2.39E-09 | 1.18E-10 |
| 371249.00 | 3761702.00 | 1.51E-08 | 2.18E-09 | 1.08E-10 |
| 371269.00 | 3761702.00 | 1.38E-08 | 1.99E-09 | 9.94E-11 |
| 371289.00 | 3761702.00 | 1.26E-08 | 1.82E-09 | 9.15E-11 |
| 371309.00 | 3761702.00 | 1.16E-08 | 1.67E-09 | 8.44E-11 |
| 371329.00 | 3761702.00 | 1.07E-08 | 1.54E-09 | 7.81E-11 |
| 371349.00 | 3761702.00 | 9.90E-09 | 1.43E-09 | 7.27E-11 |
| 371369.00 | 3761702.00 | 9.23E-09 | 1.33E-09 | 6.79E-11 |
| 371389.00 | 3761702.00 | 8.60E-09 | 1.24E-09 | 6.34E-11 |
| 371409.00 | 3761702.00 | 8.01E-09 | 1.16E-09 | 5.93E-11 |
| 371429.00 | 3761702.00 | 7.47E-09 | 1.09E-09 | 5.55E-11 |
| 371449.00 | 3761702.00 | 6.99E-09 | 1.02E-09 | 5.21E-11 |
| 370869.00 | 3761722.00 | 5.56E-07 | 1.02E-07 | 3.52E-09 |
| 370889.00 | 3761722.00 | 5.24E-07 | 8.05E-08 | 2.92E-09 |
| 370909.00 | 3761722.00 | 4.48E-07 | 5.90E-08 | 2.26E-09 |
| 370929.00 | 3761722.00 | 3.60E-07 | 4.38E-08 | 1.71E-09 |
| 370949.00 | 3761722.00 | 2.73E-07 | 3.25E-08 | 1.29E-09 |
| 370969.00 | 3761722.00 | 2.01E-07 | 2.44E-08 | 9.79E-10 |
| 370989.00 | 3761722.00 | 1.48E-07 | 1.86E-08 | 7.54E-10 |
| 371009.00 | 3761722.00 | 1.10E-07 | 1.44E-08 | 5.93E-10 |
| 371029.00 | 3761722.00 | 8.46E-08 | 1.15E-08 | 4.78E-10 |
| 371049.00 | 3761722.00 | 6.66E-08 | 9.28E-09 | 3.94E-10 |
| 371069.00 | 3761722.00 | 5.38E-08 | 7.66E-09 | 3.32E-10 |
| 371089.00 | 3761722.00 | 4.45E-08 | 6.44E-09 | 2.84E-10 |
| 371109.00 | 3761722.00 | 3.77E-08 | 5.48E-09 | 2.46E-10 |
| 371129.00 | 3761722.00 | 3.24E-08 | 4.65E-09 | 2.16E-10 |
| 371149.00 | 3761722.00 | 2.82E-08 | 4.05E-09 | 1.91E-10 |
| 371169.00 | 3761722.00 | 2.50E-08 | 3.62E-09 | 1.71E-10 |
| 371189.00 | 3761722.00 | 2.23E-08 | 3.20E-09 | 1.54E-10 |
| 371209.00 | 3761722.00 | 2.00E-08 | 2.84E-09 | 1.39E-10 |
| 371229.00 | 3761722.00 | 1.81E-08 | 2.55E-09 | 1.26E-10 |
| 371249.00 | 3761722.00 | 1.65E-08 | 2.34E-09 | 1.16E-10 |
| 371269.00 | 3761722.00 | 1.51E-08 | 2.12E-09 | 1.06E-10 |
| 371289.00 | 3761722.00 | 1.39E-08 | 1.93E-09 | 9.78E-11 |
| 371309.00 | 3761722.00 | 1.27E-08 | 1.77E-09 | 8.99E-11 |
| 371329.00 | 3761722.00 | 1.17E-08 | 1.63E-09 | 8.33E-11 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371349.00 | 3761722.00 | 3.14E-05 | 4.35E-06 | 2.24E-07 |
| 371369.00 | 3761722.00 | 2.91E-05 | 4.04E-06 | 2.09E-07 |
| 371389.00 | 3761722.00 | 2.70E-05 | 3.75E-06 | 1.94E-07 |
| 371409.00 | 3761722.00 | 2.50E-05 | 3.49E-06 | 1.81E-07 |
| 371429.00 | 3761722.00 | 2.33E-05 | 3.26E-06 | 1.69E-07 |
| 371449.00 | 3761722.00 | 2.17E-05 | 3.05E-06 | 1.58E-07 |
| 370869.00 | 3761742.00 | 2.31E-03 | 6.95E-04 | 1.47E-05 |
| 370889.00 | 3761742.00 | 2.17E-03 | 4.28E-04 | 1.15E-05 |
| 370909.00 | 3761742.00 | 1.85E-03 | 2.86E-04 | 8.45E-06 |
| 370929.00 | 3761742.00 | 1.43E-03 | 1.97E-04 | 6.10E-06 |
| 370949.00 | 3761742.00 | 1.03E-03 | 1.35E-04 | 4.40E-06 |
| 370969.00 | 3761742.00 | 7.17E-04 | 9.51E-05 | 3.23E-06 |
| 370989.00 | 3761742.00 | 5.02E-04 | 6.86E-05 | 2.44E-06 |
| 371009.00 | 3761742.00 | 3.63E-04 | 5.12E-05 | 1.89E-06 |
| 371029.00 | 3761742.00 | 2.73E-04 | 3.95E-05 | 1.52E-06 |
| 371049.00 | 3761742.00 | 2.13E-04 | 3.14E-05 | 1.25E-06 |
| 371069.00 | 3761742.00 | 1.72E-04 | 2.55E-05 | 1.05E-06 |
| 371089.00 | 3761742.00 | 1.43E-04 | 2.12E-05 | 9.00E-07 |
| 371109.00 | 3761742.00 | 1.22E-04 | 1.78E-05 | 7.81E-07 |
| 371129.00 | 3761742.00 | 1.05E-04 | 1.52E-05 | 6.86E-07 |
| 371149.00 | 3761742.00 | 9.14E-05 | 1.29E-05 | 6.03E-07 |
| 371169.00 | 3761742.00 | 8.19E-05 | 1.15E-05 | 5.43E-07 |
| 371189.00 | 3761742.00 | 7.32E-05 | 1.01E-05 | 4.88E-07 |
| 371209.00 | 3761742.00 | 6.58E-05 | 8.99E-06 | 4.41E-07 |
| 371229.00 | 3761742.00 | 5.95E-05 | 8.06E-06 | 4.00E-07 |
| 371249.00 | 3761742.00 | 5.41E-05 | 7.28E-06 | 3.65E-07 |
| 371269.00 | 3761742.00 | 4.94E-05 | 6.59E-06 | 3.35E-07 |
| 371289.00 | 3761742.00 | 4.52E-05 | 5.98E-06 | 3.08E-07 |
| 371309.00 | 3761742.00 | 4.15E-05 | 5.48E-06 | 2.84E-07 |
| 371329.00 | 3761742.00 | 3.82E-05 | 5.00E-06 | 2.62E-07 |
| 371349.00 | 3761742.00 | 3.50E-05 | 4.59E-06 | 2.42E-07 |
| 371369.00 | 3761742.00 | 3.24E-05 | 4.25E-06 | 2.25E-07 |
| 371389.00 | 3761742.00 | 3.01E-05 | 3.95E-06 | 2.09E-07 |
| 371409.00 | 3761742.00 | 2.78E-05 | 3.66E-06 | 1.94E-07 |
| 371429.00 | 3761742.00 | 2.57E-05 | 3.41E-06 | 1.81E-07 |
| 371449.00 | 3761742.00 | 2.39E-05 | 3.18E-06 | 1.69E-07 |
| 370869.00 | 3761762.00 | 3.42E-03 | 7.62E-04 | 2.24E-05 |
| 370889.00 | 3761762.00 | 3.33E-03 | 7.51E-04 | 1.65E-05 |
| 370909.00 | 3761762.00 | 2.84E-03 | 5.54E-04 | 1.13E-05 |
| 370929.00 | 3761762.00 | 2.11E-03 | 3.38E-04 | 7.65E-06 |
| 370949.00 | 3761762.00 | 1.40E-03 | 2.06E-04 | 5.25E-06 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371349.00 | 3761722.00 | 1.09E-08 | 1.51E-09 | 7.76E-11 |
| 371369.00 | 3761722.00 | 1.01E-08 | 1.40E-09 | 7.22E-11 |
| 371389.00 | 3761722.00 | 9.35E-09 | 1.30E-09 | 6.72E-11 |
| 371409.00 | 3761722.00 | 8.67E-09 | 1.21E-09 | 6.27E-11 |
| 371429.00 | 3761722.00 | 8.06E-09 | 1.13E-09 | 5.85E-11 |
| 371449.00 | 3761722.00 | 7.53E-09 | 1.06E-09 | 5.48E-11 |
| 370869.00 | 3761742.00 | 7.98E-07 | 2.40E-07 | 5.10E-09 |
| 370889.00 | 3761742.00 | 7.50E-07 | 1.48E-07 | 3.98E-09 |
| 370909.00 | 3761742.00 | 6.40E-07 | 9.90E-08 | 2.93E-09 |
| 370929.00 | 3761742.00 | 4.97E-07 | 6.80E-08 | 2.11E-09 |
| 370949.00 | 3761742.00 | 3.57E-07 | 4.69E-08 | 1.52E-09 |
| 370969.00 | 3761742.00 | 2.48E-07 | 3.29E-08 | 1.12E-09 |
| 370989.00 | 3761742.00 | 1.74E-07 | 2.37E-08 | 8.44E-10 |
| 371009.00 | 3761742.00 | 1.26E-07 | 1.77E-08 | 6.56E-10 |
| 371029.00 | 3761742.00 | 9.45E-08 | 1.37E-08 | 5.26E-10 |
| 371049.00 | 3761742.00 | 7.38E-08 | 1.09E-08 | 4.33E-10 |
| 371069.00 | 3761742.00 | 5.96E-08 | 8.81E-09 | 3.64E-10 |
| 371089.00 | 3761742.00 | 4.96E-08 | 7.33E-09 | 3.12E-10 |
| 371109.00 | 3761742.00 | 4.21E-08 | 6.18E-09 | 2.70E-10 |
| 371129.00 | 3761742.00 | 3.65E-08 | 5.25E-09 | 2.37E-10 |
| 371149.00 | 3761742.00 | 3.16E-08 | 4.47E-09 | 2.09E-10 |
| 371169.00 | 3761742.00 | 2.83E-08 | 3.99E-09 | 1.88E-10 |
| 371189.00 | 3761742.00 | 2.53E-08 | 3.51E-09 | 1.69E-10 |
| 371209.00 | 3761742.00 | 2.28E-08 | 3.11E-09 | 1.53E-10 |
| 371229.00 | 3761742.00 | 2.06E-08 | 2.79E-09 | 1.39E-10 |
| 371249.00 | 3761742.00 | 1.87E-08 | 2.52E-09 | 1.26E-10 |
| 371269.00 | 3761742.00 | 1.71E-08 | 2.28E-09 | 1.16E-10 |
| 371289.00 | 3761742.00 | 1.57E-08 | 2.07E-09 | 1.06E-10 |
| 371309.00 | 3761742.00 | 1.44E-08 | 1.90E-09 | 9.82E-11 |
| 371329.00 | 3761742.00 | 1.32E-08 | 1.73E-09 | 9.08E-11 |
| 371349.00 | 3761742.00 | 1.21E-08 | 1.59E-09 | 8.37E-11 |
| 371369.00 | 3761742.00 | 1.12E-08 | 1.47E-09 | 7.79E-11 |
| 371389.00 | 3761742.00 | 1.04E-08 | 1.37E-09 | 7.25E-11 |
| 371409.00 | 3761742.00 | 9.61E-09 | 1.27E-09 | 6.73E-11 |
| 371429.00 | 3761742.00 | 8.89E-09 | 1.18E-09 | 6.26E-11 |
| 371449.00 | 3761742.00 | 8.27E-09 | 1.10E-09 | 5.85E-11 |
| 370869.00 | 3761762.00 | 1.18E-06 | 2.64E-07 | 7.75E-09 |
| 370889.00 | 3761762.00 | 1.15E-06 | 2.60E-07 | 5.72E-09 |
| 370909.00 | 3761762.00 | 9.82E-07 | 1.92E-07 | 3.92E-09 |
| 370929.00 | 3761762.00 | 7.30E-07 | 1.17E-07 | 2.65E-09 |
| 370949.00 | 3761762.00 | 4.85E-07 | 7.14E-08 | 1.82E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370969.00 | 3761762.00 | 9.00E-04 | 1.32E-04 | 3.73E-06 |
| 370989.00 | 3761762.00 | 5.96E-04 | 8.93E-05 | 2.77E-06 |
| 371009.00 | 3761762.00 | 4.19E-04 | 6.42E-05 | 2.14E-06 |
| 371029.00 | 3761762.00 | 3.13E-04 | 4.82E-05 | 1.72E-06 |
| 371049.00 | 3761762.00 | 2.46E-04 | 3.76E-05 | 1.42E-06 |
| 371069.00 | 3761762.00 | 2.01E-04 | 3.01E-05 | 1.20E-06 |
| 371089.00 | 3761762.00 | 1.69E-04 | 2.46E-05 | 1.03E-06 |
| 371109.00 | 3761762.00 | 1.45E-04 | 2.05E-05 | 8.92E-07 |
| 371129.00 | 3761762.00 | 1.26E-04 | 1.74E-05 | 7.83E-07 |
| 371149.00 | 3761762.00 | 1.11E-04 | 1.49E-05 | 6.93E-07 |
| 371169.00 | 3761762.00 | 9.84E-05 | 1.29E-05 | 6.18E-07 |
| 371189.00 | 3761762.00 | 8.78E-05 | 1.13E-05 | 5.54E-07 |
| 371209.00 | 3761762.00 | 7.87E-05 | 9.97E-06 | 5.00E-07 |
| 371229.00 | 3761762.00 | 7.09E-05 | 8.86E-06 | 4.52E-07 |
| 371249.00 | 3761762.00 | 6.41E-05 | 7.94E-06 | 4.11E-07 |
| 371269.00 | 3761762.00 | 5.82E-05 | 7.15E-06 | 3.76E-07 |
| 371289.00 | 3761762.00 | 5.30E-05 | 6.47E-06 | 3.44E-07 |
| 371309.00 | 3761762.00 | 4.85E-05 | 5.88E-06 | 3.16E-07 |
| 371329.00 | 3761762.00 | 4.44E-05 | 5.36E-06 | 2.91E-07 |
| 371349.00 | 3761762.00 | 4.05E-05 | 4.91E-06 | 2.68E-07 |
| 371369.00 | 3761762.00 | 3.69E-05 | 4.51E-06 | 2.46E-07 |
| 371389.00 | 3761762.00 | 3.38E-05 | 4.16E-06 | 2.27E-07 |
| 371409.00 | 3761762.00 | 3.12E-05 | 3.85E-06 | 2.11E-07 |
| 371429.00 | 3761762.00 | 2.88E-05 | 3.58E-06 | 1.96E-07 |
| 371449.00 | 3761762.00 | 2.67E-05 | 3.34E-06 | 1.83E-07 |
| 370869.00 | 3761782.00 | 5.39E-03 | 1.08E-03 | 3.80E-05 |
| 370889.00 | 3761782.00 | 5.57E-03 | 6.59E-04 | 2.56E-05 |
| 370909.00 | 3761782.00 | 4.83E-03 | 7.78E-04 | 1.57E-05 |
| 370929.00 | 3761782.00 | 3.36E-03 | 6.88E-04 | 9.75E-06 |
| 370949.00 | 3761782.00 | 1.99E-03 | 3.34E-04 | 6.38E-06 |
| 370969.00 | 3761782.00 | 1.15E-03 | 1.86E-04 | 4.46E-06 |
| 370989.00 | 3761782.00 | 7.32E-04 | 1.18E-04 | 3.31E-06 |
| 371009.00 | 3761782.00 | 5.17E-04 | 8.21E-05 | 2.58E-06 |
| 371029.00 | 3761782.00 | 3.96E-04 | 6.02E-05 | 2.09E-06 |
| 371049.00 | 3761782.00 | 3.19E-04 | 4.60E-05 | 1.73E-06 |
| 371069.00 | 3761782.00 | 2.66E-04 | 3.62E-05 | 1.47E-06 |
| 371089.00 | 3761782.00 | 2.25E-04 | 2.92E-05 | 1.26E-06 |
| 371109.00 | 3761782.00 | 1.93E-04 | 2.40E-05 | 1.09E-06 |
| 371129.00 | 3761782.00 | 1.67E-04 | 2.01E-05 | 9.51E-07 |
| 371149.00 | 3761782.00 | 1.46E-04 | 1.71E-05 | 8.37E-07 |
| 371169.00 | 3761782.00 | 1.28E-04 | 1.47E-05 | 7.42E-07 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370969.00 | 3761762.00 | 3.11E-07 | 4.56E-08 | 1.29E-09 |
| 370989.00 | 3761762.00 | 2.06E-07 | 3.09E-08 | 9.58E-10 |
| 371009.00 | 3761762.00 | 1.45E-07 | 2.22E-08 | 7.42E-10 |
| 371029.00 | 3761762.00 | 1.08E-07 | 1.67E-08 | 5.95E-10 |
| 371049.00 | 3761762.00 | 8.52E-08 | 1.30E-08 | 4.91E-10 |
| 371069.00 | 3761762.00 | 6.97E-08 | 1.04E-08 | 4.14E-10 |
| 371089.00 | 3761762.00 | 5.86E-08 | 8.52E-09 | 3.56E-10 |
| 371109.00 | 3761762.00 | 5.03E-08 | 7.10E-09 | 3.09E-10 |
| 371129.00 | 3761762.00 | 4.37E-08 | 6.01E-09 | 2.71E-10 |
| 371149.00 | 3761762.00 | 3.84E-08 | 5.15E-09 | 2.40E-10 |
| 371169.00 | 3761762.00 | 3.41E-08 | 4.47E-09 | 2.14E-10 |
| 371189.00 | 3761762.00 | 3.04E-08 | 3.91E-09 | 1.92E-10 |
| 371209.00 | 3761762.00 | 2.72E-08 | 3.45E-09 | 1.73E-10 |
| 371229.00 | 3761762.00 | 2.45E-08 | 3.07E-09 | 1.57E-10 |
| 371249.00 | 3761762.00 | 2.22E-08 | 2.75E-09 | 1.42E-10 |
| 371269.00 | 3761762.00 | 2.01E-08 | 2.47E-09 | 1.30E-10 |
| 371289.00 | 3761762.00 | 1.84E-08 | 2.24E-09 | 1.19E-10 |
| 371309.00 | 3761762.00 | 1.68E-08 | 2.04E-09 | 1.09E-10 |
| 371329.00 | 3761762.00 | 1.54E-08 | 1.86E-09 | 1.01E-10 |
| 371349.00 | 3761762.00 | 1.40E-08 | 1.70E-09 | 9.28E-11 |
| 371369.00 | 3761762.00 | 1.28E-08 | 1.56E-09 | 8.52E-11 |
| 371389.00 | 3761762.00 | 1.17E-08 | 1.44E-09 | 7.87E-11 |
| 371409.00 | 3761762.00 | 1.08E-08 | 1.33E-09 | 7.30E-11 |
| 371429.00 | 3761762.00 | 9.97E-09 | 1.24E-09 | 6.79E-11 |
| 371449.00 | 3761762.00 | 9.23E-09 | 1.16E-09 | 6.32E-11 |
| 370869.00 | 3761782.00 | 1.87E-06 | 3.73E-07 | 1.32E-08 |
| 370889.00 | 3761782.00 | 1.93E-06 | 2.28E-07 | 8.85E-09 |
| 370909.00 | 3761782.00 | 1.67E-06 | 2.69E-07 | 5.44E-09 |
| 370929.00 | 3761782.00 | 1.16E-06 | 2.38E-07 | 3.37E-09 |
| 370949.00 | 3761782.00 | 6.90E-07 | 1.16E-07 | 2.21E-09 |
| 370969.00 | 3761782.00 | 4.00E-07 | 6.44E-08 | 1.54E-09 |
| 370989.00 | 3761782.00 | 2.53E-07 | 4.10E-08 | 1.15E-09 |
| 371009.00 | 3761782.00 | 1.79E-07 | 2.84E-08 | 8.93E-10 |
| 371029.00 | 3761782.00 | 1.37E-07 | 2.08E-08 | 7.23E-10 |
| 371049.00 | 3761782.00 | 1.11E-07 | 1.59E-08 | 6.00E-10 |
| 371069.00 | 3761782.00 | 9.19E-08 | 1.25E-08 | 5.08E-10 |
| 371089.00 | 3761782.00 | 7.79E-08 | 1.01E-08 | 4.35E-10 |
| 371109.00 | 3761782.00 | 6.68E-08 | 8.32E-09 | 3.77E-10 |
| 371129.00 | 3761782.00 | 5.78E-08 | 6.96E-09 | 3.29E-10 |
| 371149.00 | 3761782.00 | 5.04E-08 | 5.91E-09 | 2.90E-10 |
| 371169.00 | 3761782.00 | 4.42E-08 | 5.07E-09 | 2.57E-10 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371189.00 | 3761782.00 | 1.13E-04 | 1.27E-05 | 6.61E-07 |
| 371209.00 | 3761782.00 | 9.99E-05 | 1.11E-05 | 5.92E-07 |
| 371229.00 | 3761782.00 | 8.90E-05 | 9.83E-06 | 5.33E-07 |
| 371249.00 | 3761782.00 | 7.97E-05 | 8.76E-06 | 4.81E-07 |
| 371269.00 | 3761782.00 | 7.16E-05 | 7.78E-06 | 4.36E-07 |
| 371289.00 | 3761782.00 | 6.47E-05 | 7.03E-06 | 3.98E-07 |
| 371309.00 | 3761782.00 | 5.86E-05 | 6.36E-06 | 3.63E-07 |
| 371329.00 | 3761782.00 | 5.26E-05 | 5.77E-06 | 3.30E-07 |
| 371349.00 | 3761782.00 | 4.75E-05 | 5.26E-06 | 3.01E-07 |
| 371369.00 | 3761782.00 | 4.27E-05 | 4.80E-06 | 2.74E-07 |
| 371389.00 | 3761782.00 | 3.91E-05 | 4.42E-06 | 2.53E-07 |
| 371409.00 | 3761782.00 | 3.62E-05 | 4.10E-06 | 2.35E-07 |
| 371429.00 | 3761782.00 | 3.33E-05 | 3.80E-06 | 2.18E-07 |
| 371449.00 | 3761782.00 | 3.07E-05 | 3.53E-06 | 2.02E-07 |
| 370869.00 | 3761802.00 | 9.03E-03 | 7.60E-04 | 7.80E-05 |
| 370889.00 | 3761802.00 | 1.04E-02 | 1.20E-03 | 4.36E-05 |
| 370909.00 | 3761802.00 | 9.36E-03 | 1.19E-03 | 2.29E-05 |
| 370929.00 | 3761802.00 | 6.01E-03 | 7.62E-04 | 1.32E-05 |
| 370949.00 | 3761802.00 | 3.01E-03 | 5.40E-04 | 8.59E-06 |
| 370969.00 | 3761802.00 | 1.65E-03 | 2.63E-04 | 6.09E-06 |
| 370989.00 | 3761802.00 | 1.10E-03 | 1.58E-04 | 4.59E-06 |
| 371009.00 | 3761802.00 | 8.20E-04 | 1.06E-04 | 3.61E-06 |
| 371029.00 | 3761802.00 | 6.43E-04 | 7.58E-05 | 2.91E-06 |
| 371049.00 | 3761802.00 | 5.16E-04 | 5.68E-05 | 2.40E-06 |
| 371069.00 | 3761802.00 | 4.21E-04 | 4.40E-05 | 2.00E-06 |
| 371089.00 | 3761802.00 | 3.47E-04 | 3.50E-05 | 1.69E-06 |
| 371109.00 | 3761802.00 | 2.89E-04 | 2.85E-05 | 1.45E-06 |
| 371129.00 | 3761802.00 | 2.44E-04 | 2.36E-05 | 1.25E-06 |
| 371149.00 | 3761802.00 | 2.07E-04 | 1.97E-05 | 1.08E-06 |
| 371169.00 | 3761802.00 | 1.78E-04 | 1.68E-05 | 9.46E-07 |
| 371189.00 | 3761802.00 | 1.54E-04 | 1.45E-05 | 8.33E-07 |
| 371209.00 | 3761802.00 | 1.34E-04 | 1.26E-05 | 7.37E-07 |
| 371229.00 | 3761802.00 | 1.17E-04 | 1.10E-05 | 6.56E-07 |
| 371249.00 | 3761802.00 | 1.03E-04 | 9.72E-06 | 5.87E-07 |
| 371269.00 | 3761802.00 | 9.16E-05 | 8.64E-06 | 5.27E-07 |
| 371289.00 | 3761802.00 | 8.00E-05 | 7.69E-06 | 4.69E-07 |
| 371309.00 | 3761802.00 | 7.12E-05 | 6.92E-06 | 4.23E-07 |
| 371329.00 | 3761802.00 | 6.41E-05 | 6.27E-06 | 3.85E-07 |
| 371349.00 | 3761802.00 | 5.76E-05 | 5.70E-06 | 3.50E-07 |
| 371369.00 | 3761802.00 | 5.18E-05 | 5.20E-06 | 3.18E-07 |
| 371389.00 | 3761802.00 | 4.67E-05 | 4.76E-06 | 2.90E-07 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371189.00 | 3761782.00 | 3.90E-08 | 4.40E-09 | 2.29E-10 |
| 371209.00 | 3761782.00 | 3.46E-08 | 3.86E-09 | 2.05E-10 |
| 371229.00 | 3761782.00 | 3.08E-08 | 3.40E-09 | 1.84E-10 |
| 371249.00 | 3761782.00 | 2.76E-08 | 3.03E-09 | 1.67E-10 |
| 371269.00 | 3761782.00 | 2.48E-08 | 2.69E-09 | 1.51E-10 |
| 371289.00 | 3761782.00 | 2.24E-08 | 2.43E-09 | 1.38E-10 |
| 371309.00 | 3761782.00 | 2.03E-08 | 2.20E-09 | 1.26E-10 |
| 371329.00 | 3761782.00 | 1.82E-08 | 2.00E-09 | 1.14E-10 |
| 371349.00 | 3761782.00 | 1.64E-08 | 1.82E-09 | 1.04E-10 |
| 371369.00 | 3761782.00 | 1.48E-08 | 1.66E-09 | 9.48E-11 |
| 371389.00 | 3761782.00 | 1.35E-08 | 1.53E-09 | 8.75E-11 |
| 371409.00 | 3761782.00 | 1.25E-08 | 1.42E-09 | 8.15E-11 |
| 371429.00 | 3761782.00 | 1.15E-08 | 1.32E-09 | 7.54E-11 |
| 371449.00 | 3761782.00 | 1.06E-08 | 1.22E-09 | 7.00E-11 |
| 370869.00 | 3761802.00 | 3.12E-06 | 2.63E-07 | 2.70E-08 |
| 370889.00 | 3761802.00 | 3.58E-06 | 4.15E-07 | 1.51E-08 |
| 370909.00 | 3761802.00 | 3.24E-06 | 4.12E-07 | 7.92E-09 |
| 370929.00 | 3761802.00 | 2.08E-06 | 2.64E-07 | 4.58E-09 |
| 370949.00 | 3761802.00 | 1.04E-06 | 1.87E-07 | 2.97E-09 |
| 370969.00 | 3761802.00 | 5.70E-07 | 9.10E-08 | 2.11E-09 |
| 370989.00 | 3761802.00 | 3.81E-07 | 5.47E-08 | 1.59E-09 |
| 371009.00 | 3761802.00 | 2.84E-07 | 3.67E-08 | 1.25E-09 |
| 371029.00 | 3761802.00 | 2.23E-07 | 2.62E-08 | 1.01E-09 |
| 371049.00 | 3761802.00 | 1.79E-07 | 1.97E-08 | 8.30E-10 |
| 371069.00 | 3761802.00 | 1.46E-07 | 1.52E-08 | 6.94E-10 |
| 371089.00 | 3761802.00 | 1.20E-07 | 1.21E-08 | 5.87E-10 |
| 371109.00 | 3761802.00 | 1.00E-07 | 9.86E-09 | 5.01E-10 |
| 371129.00 | 3761802.00 | 8.44E-08 | 8.16E-09 | 4.32E-10 |
| 371149.00 | 3761802.00 | 7.17E-08 | 6.81E-09 | 3.75E-10 |
| 371169.00 | 3761802.00 | 6.15E-08 | 5.81E-09 | 3.28E-10 |
| 371189.00 | 3761802.00 | 5.32E-08 | 5.02E-09 | 2.88E-10 |
| 371209.00 | 3761802.00 | 4.63E-08 | 4.35E-09 | 2.55E-10 |
| 371229.00 | 3761802.00 | 4.06E-08 | 3.82E-09 | 2.27E-10 |
| 371249.00 | 3761802.00 | 3.58E-08 | 3.36E-09 | 2.03E-10 |
| 371269.00 | 3761802.00 | 3.17E-08 | 2.99E-09 | 1.82E-10 |
| 371289.00 | 3761802.00 | 2.77E-08 | 2.66E-09 | 1.62E-10 |
| 371309.00 | 3761802.00 | 2.46E-08 | 2.40E-09 | 1.46E-10 |
| 371329.00 | 3761802.00 | 2.22E-08 | 2.17E-09 | 1.33E-10 |
| 371349.00 | 3761802.00 | 2.00E-08 | 1.97E-09 | 1.21E-10 |
| 371369.00 | 3761802.00 | 1.79E-08 | 1.80E-09 | 1.10E-10 |
| 371389.00 | 3761802.00 | 1.62E-08 | 1.65E-09 | 1.00E-10 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371409.00 | 3761802.00 | 4.27E-05 | 4.39E-06 | 2.67E-07 |
| 371429.00 | 3761802.00 | 3.83E-05 | 4.03E-06 | 2.43E-07 |
| 371449.00 | 3761802.00 | 3.55E-05 | 3.75E-06 | 2.26E-07 |
| 370869.00 | 3761822.00 | 1.50E-02 | 5.37E-04 | 2.19E-04 |
| 370889.00 | 3761822.00 | 1.84E-02 | 6.93E-04 | 8.39E-05 |
| 370949.00 | 3761822.00 | 6.75E-03 | 5.87E-04 | 1.62E-05 |
| 370969.00 | 3761822.00 | 4.24E-03 | 3.17E-04 | 1.12E-05 |
| 370989.00 | 3761822.00 | 2.80E-03 | 1.94E-04 | 8.13E-06 |
| 371009.00 | 3761822.00 | 1.92E-03 | 1.30E-04 | 6.14E-06 |
| 371029.00 | 3761822.00 | 1.36E-03 | 9.25E-05 | 4.77E-06 |
| 371049.00 | 3761822.00 | 9.98E-04 | 6.88E-05 | 3.79E-06 |
| 371069.00 | 3761822.00 | 7.55E-04 | 5.28E-05 | 3.06E-06 |
| 371089.00 | 3761822.00 | 5.87E-04 | 4.17E-05 | 2.51E-06 |
| 371109.00 | 3761822.00 | 4.66E-04 | 3.36E-05 | 2.09E-06 |
| 371129.00 | 3761822.00 | 3.77E-04 | 2.76E-05 | 1.75E-06 |
| 371149.00 | 3761822.00 | 3.10E-04 | 2.30E-05 | 1.49E-06 |
| 371169.00 | 3761822.00 | 2.58E-04 | 1.94E-05 | 1.28E-06 |
| 371189.00 | 3761822.00 | 2.17E-04 | 1.66E-05 | 1.10E-06 |
| 371209.00 | 3761822.00 | 1.84E-04 | 1.42E-05 | 9.57E-07 |
| 371229.00 | 3761822.00 | 1.58E-04 | 1.24E-05 | 8.39E-07 |
| 371249.00 | 3761822.00 | 1.37E-04 | 1.09E-05 | 7.40E-07 |
| 371269.00 | 3761822.00 | 1.19E-04 | 9.63E-06 | 6.57E-07 |
| 371289.00 | 3761822.00 | 1.01E-04 | 8.49E-06 | 5.65E-07 |
| 371309.00 | 3761822.00 | 8.86E-05 | 7.60E-06 | 5.05E-07 |
| 371329.00 | 3761822.00 | 7.88E-05 | 6.85E-06 | 4.55E-07 |
| 371349.00 | 3761822.00 | 7.11E-05 | 6.23E-06 | 4.15E-07 |
| 371369.00 | 3761822.00 | 6.34E-05 | 5.66E-06 | 3.75E-07 |
| 371389.00 | 3761822.00 | 5.73E-05 | 5.18E-06 | 3.42E-07 |
| 371409.00 | 3761822.00 | 5.11E-05 | 4.73E-06 | 3.09E-07 |
| 371429.00 | 3761822.00 | 4.60E-05 | 4.34E-06 | 2.81E-07 |
| 371449.00 | 3761822.00 | 4.29E-05 | 4.05E-06 | 2.64E-07 |
| 370969.00 | 3761842.00 | 1.63E-02 | 2.98E-04 | 2.51E-05 |
| 370989.00 | 3761842.00 | 8.27E-03 | 2.04E-04 | 1.67E-05 |
| 371009.00 | 3761842.00 | 4.59E-03 | 1.44E-04 | 1.17E-05 |
| 371029.00 | 3761842.00 | 2.84E-03 | 1.05E-04 | 8.52E-06 |
| 371049.00 | 3761842.00 | 1.90E-03 | 7.94E-05 | 6.41E-06 |
| 371069.00 | 3761842.00 | 1.34E-03 | 6.13E-05 | 4.95E-06 |
| 371089.00 | 3761842.00 | 9.83E-04 | 4.84E-05 | 3.90E-06 |
| 371109.00 | 3761842.00 | 7.46E-04 | 3.90E-05 | 3.14E-06 |
| 371129.00 | 3761842.00 | 5.81E-04 | 3.20E-05 | 2.56E-06 |
| 371149.00 | 3761842.00 | 4.62E-04 | 2.65E-05 | 2.12E-06 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371409.00 | 3761802.00 | 1.48E-08 | 1.52E-09 | 9.25E-11 |
| 371429.00 | 3761802.00 | 1.33E-08 | 1.39E-09 | 8.40E-11 |
| 371449.00 | 3761802.00 | 1.23E-08 | 1.30E-09 | 7.83E-11 |
| 370869.00 | 3761822.00 | 5.19E-06 | 1.86E-07 | 7.60E-08 |
| 370889.00 | 3761822.00 | 6.36E-06 | 2.40E-07 | 2.90E-08 |
| 370949.00 | 3761822.00 | 2.34E-06 | 2.03E-07 | 5.61E-09 |
| 370969.00 | 3761822.00 | 1.47E-06 | 1.10E-07 | 3.86E-09 |
| 370989.00 | 3761822.00 | 9.70E-07 | 6.73E-08 | 2.81E-09 |
| 371009.00 | 3761822.00 | 6.66E-07 | 4.50E-08 | 2.13E-09 |
| 371029.00 | 3761822.00 | 4.71E-07 | 3.20E-08 | 1.65E-09 |
| 371049.00 | 3761822.00 | 3.45E-07 | 2.38E-08 | 1.31E-09 |
| 371069.00 | 3761822.00 | 2.62E-07 | 1.83E-08 | 1.06E-09 |
| 371089.00 | 3761822.00 | 2.03E-07 | 1.44E-08 | 8.69E-10 |
| 371109.00 | 3761822.00 | 1.61E-07 | 1.16E-08 | 7.22E-10 |
| 371129.00 | 3761822.00 | 1.31E-07 | 9.56E-09 | 6.07E-10 |
| 371149.00 | 3761822.00 | 1.07E-07 | 7.97E-09 | 5.15E-10 |
| 371169.00 | 3761822.00 | 8.92E-08 | 6.73E-09 | 4.41E-10 |
| 371189.00 | 3761822.00 | 7.51E-08 | 5.73E-09 | 3.81E-10 |
| 371209.00 | 3761822.00 | 6.37E-08 | 4.92E-09 | 3.31E-10 |
| 371229.00 | 3761822.00 | 5.48E-08 | 4.29E-09 | 2.91E-10 |
| 371249.00 | 3761822.00 | 4.74E-08 | 3.77E-09 | 2.56E-10 |
| 371269.00 | 3761822.00 | 4.13E-08 | 3.33E-09 | 2.27E-10 |
| 371289.00 | 3761822.00 | 3.48E-08 | 2.94E-09 | 1.96E-10 |
| 371309.00 | 3761822.00 | 3.07E-08 | 2.63E-09 | 1.75E-10 |
| 371329.00 | 3761822.00 | 2.73E-08 | 2.37E-09 | 1.58E-10 |
| 371349.00 | 3761822.00 | 2.46E-08 | 2.16E-09 | 1.44E-10 |
| 371369.00 | 3761822.00 | 2.19E-08 | 1.96E-09 | 1.30E-10 |
| 371389.00 | 3761822.00 | 1.98E-08 | 1.79E-09 | 1.18E-10 |
| 371409.00 | 3761822.00 | 1.77E-08 | 1.64E-09 | 1.07E-10 |
| 371429.00 | 3761822.00 | 1.59E-08 | 1.50E-09 | 9.74E-11 |
| 371449.00 | 3761822.00 | 1.48E-08 | 1.40E-09 | 9.13E-11 |
| 370969.00 | 3761842.00 | 5.64E-06 | 1.03E-07 | 8.68E-09 |
| 370989.00 | 3761842.00 | 2.86E-06 | 7.08E-08 | 5.77E-09 |
| 371009.00 | 3761842.00 | 1.59E-06 | 5.00E-08 | 4.05E-09 |
| 371029.00 | 3761842.00 | 9.84E-07 | 3.65E-08 | 2.95E-09 |
| 371049.00 | 3761842.00 | 6.57E-07 | 2.75E-08 | 2.22E-09 |
| 371069.00 | 3761842.00 | 4.63E-07 | 2.12E-08 | 1.71E-09 |
| 371089.00 | 3761842.00 | 3.40E-07 | 1.68E-08 | 1.35E-09 |
| 371109.00 | 3761842.00 | 2.58E-07 | 1.35E-08 | 1.09E-09 |
| 371129.00 | 3761842.00 | 2.01E-07 | 1.11E-08 | 8.87E-10 |
| 371149.00 | 3761842.00 | 1.60E-07 | 9.19E-09 | 7.33E-10 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371169.00 | 3761842.00 | 3.74E-04 | 2.23E-05 | 1.77E-06 |
| 371189.00 | 3761842.00 | 3.08E-04 | 1.89E-05 | 1.50E-06 |
| 371209.00 | 3761842.00 | 2.56E-04 | 1.62E-05 | 1.28E-06 |
| 371229.00 | 3761842.00 | 2.15E-04 | 1.40E-05 | 1.10E-06 |
| 371249.00 | 3761842.00 | 1.83E-04 | 1.23E-05 | 9.59E-07 |
| 371269.00 | 3761842.00 | 1.57E-04 | 1.08E-05 | 8.37E-07 |
| 371289.00 | 3761842.00 | 1.33E-04 | 9.52E-06 | 7.21E-07 |
| 371309.00 | 3761842.00 | 1.14E-04 | 8.46E-06 | 6.32E-07 |
| 371329.00 | 3761842.00 | 9.96E-05 | 7.57E-06 | 5.58E-07 |
| 371349.00 | 3761842.00 | 8.82E-05 | 6.83E-06 | 5.01E-07 |
| 371369.00 | 3761842.00 | 7.97E-05 | 6.23E-06 | 4.58E-07 |
| 371389.00 | 3761842.00 | 7.09E-05 | 5.66E-06 | 4.12E-07 |
| 371409.00 | 3761842.00 | 6.30E-05 | 5.16E-06 | 3.71E-07 |
| 371429.00 | 3761842.00 | 5.76E-05 | 4.76E-06 | 3.42E-07 |
| 371449.00 | 3761842.00 | 5.16E-05 | 4.37E-06 | 3.09E-07 |
| 370869.00 | 3761862.00 | 1.69E-02 | 2.56E-04 | 7.57E-04 |
| 370949.00 | 3761862.00 | 4.54E-02 | 3.06E-04 | 9.48E-05 |
| 370969.00 | 3761862.00 | 2.85E-02 | 2.47E-04 | 5.32E-05 |
| 370989.00 | 3761862.00 | 1.46E-02 | 1.90E-04 | 3.26E-05 |
| 371009.00 | 3761862.00 | 7.99E-03 | 1.45E-04 | 2.14E-05 |
| 371029.00 | 3761862.00 | 4.80E-03 | 1.11E-04 | 1.48E-05 |
| 371049.00 | 3761862.00 | 3.10E-03 | 8.61E-05 | 1.06E-05 |
| 371069.00 | 3761862.00 | 2.12E-03 | 6.79E-05 | 7.89E-06 |
| 371089.00 | 3761862.00 | 1.51E-03 | 5.43E-05 | 6.02E-06 |
| 371109.00 | 3761862.00 | 1.12E-03 | 4.40E-05 | 4.70E-06 |
| 371129.00 | 3761862.00 | 8.52E-04 | 3.61E-05 | 3.74E-06 |
| 371149.00 | 3761862.00 | 6.63E-04 | 3.00E-05 | 3.02E-06 |
| 371169.00 | 3761862.00 | 5.27E-04 | 2.53E-05 | 2.48E-06 |
| 371189.00 | 3761862.00 | 4.26E-04 | 2.14E-05 | 2.06E-06 |
| 371209.00 | 3761862.00 | 3.48E-04 | 1.83E-05 | 1.73E-06 |
| 371229.00 | 3761862.00 | 2.89E-04 | 1.58E-05 | 1.47E-06 |
| 371249.00 | 3761862.00 | 2.43E-04 | 1.39E-05 | 1.26E-06 |
| 371269.00 | 3761862.00 | 2.07E-04 | 1.22E-05 | 1.09E-06 |
| 371289.00 | 3761862.00 | 1.74E-04 | 1.07E-05 | 9.35E-07 |
| 371309.00 | 3761862.00 | 1.48E-04 | 9.44E-06 | 8.05E-07 |
| 371329.00 | 3761862.00 | 1.27E-04 | 8.41E-06 | 7.01E-07 |
| 371349.00 | 3761862.00 | 1.13E-04 | 7.58E-06 | 6.30E-07 |
| 371369.00 | 3761862.00 | 9.97E-05 | 6.86E-06 | 5.63E-07 |
| 371389.00 | 3761862.00 | 8.78E-05 | 6.21E-06 | 5.02E-07 |
| 371409.00 | 3761862.00 | 7.87E-05 | 5.67E-06 | 4.54E-07 |
| 371429.00 | 3761862.00 | 6.88E-05 | 5.15E-06 | 4.02E-07 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371169.00 | 3761842.00 | 1.29E-07 | 7.72E-09 | 6.14E-10 |
| 371189.00 | 3761842.00 | 1.06E-07 | 6.55E-09 | 5.20E-10 |
| 371209.00 | 3761842.00 | 8.85E-08 | 5.61E-09 | 4.44E-10 |
| 371229.00 | 3761842.00 | 7.43E-08 | 4.86E-09 | 3.82E-10 |
| 371249.00 | 3761842.00 | 6.33E-08 | 4.25E-09 | 3.32E-10 |
| 371269.00 | 3761842.00 | 5.42E-08 | 3.74E-09 | 2.90E-10 |
| 371289.00 | 3761842.00 | 4.59E-08 | 3.29E-09 | 2.50E-10 |
| 371309.00 | 3761842.00 | 3.96E-08 | 2.93E-09 | 2.19E-10 |
| 371329.00 | 3761842.00 | 3.45E-08 | 2.62E-09 | 1.93E-10 |
| 371349.00 | 3761842.00 | 3.05E-08 | 2.37E-09 | 1.73E-10 |
| 371369.00 | 3761842.00 | 2.76E-08 | 2.15E-09 | 1.58E-10 |
| 371389.00 | 3761842.00 | 2.46E-08 | 1.96E-09 | 1.43E-10 |
| 371409.00 | 3761842.00 | 2.18E-08 | 1.79E-09 | 1.28E-10 |
| 371429.00 | 3761842.00 | 2.00E-08 | 1.65E-09 | 1.18E-10 |
| 371449.00 | 3761842.00 | 1.79E-08 | 1.51E-09 | 1.07E-10 |
| 370869.00 | 3761862.00 | 5.85E-06 | 8.85E-08 | 2.62E-07 |
| 370949.00 | 3761862.00 | 1.57E-05 | 1.06E-07 | 3.28E-08 |
| 370969.00 | 3761862.00 | 9.88E-06 | 8.54E-08 | 1.84E-08 |
| 370989.00 | 3761862.00 | 5.05E-06 | 6.56E-08 | 1.13E-08 |
| 371009.00 | 3761862.00 | 2.76E-06 | 5.01E-08 | 7.41E-09 |
| 371029.00 | 3761862.00 | 1.66E-06 | 3.84E-08 | 5.12E-09 |
| 371049.00 | 3761862.00 | 1.07E-06 | 2.98E-08 | 3.68E-09 |
| 371069.00 | 3761862.00 | 7.34E-07 | 2.35E-08 | 2.73E-09 |
| 371089.00 | 3761862.00 | 5.24E-07 | 1.88E-08 | 2.09E-09 |
| 371109.00 | 3761862.00 | 3.88E-07 | 1.52E-08 | 1.63E-09 |
| 371129.00 | 3761862.00 | 2.95E-07 | 1.25E-08 | 1.30E-09 |
| 371149.00 | 3761862.00 | 2.30E-07 | 1.04E-08 | 1.05E-09 |
| 371169.00 | 3761862.00 | 1.82E-07 | 8.75E-09 | 8.59E-10 |
| 371189.00 | 3761862.00 | 1.47E-07 | 7.42E-09 | 7.14E-10 |
| 371209.00 | 3761862.00 | 1.20E-07 | 6.34E-09 | 5.99E-10 |
| 371229.00 | 3761862.00 | 1.00E-07 | 5.48E-09 | 5.08E-10 |
| 371249.00 | 3761862.00 | 8.43E-08 | 4.79E-09 | 4.36E-10 |
| 371269.00 | 3761862.00 | 7.15E-08 | 4.22E-09 | 3.76E-10 |
| 371289.00 | 3761862.00 | 6.03E-08 | 3.69E-09 | 3.24E-10 |
| 371309.00 | 3761862.00 | 5.12E-08 | 3.27E-09 | 2.79E-10 |
| 371329.00 | 3761862.00 | 4.40E-08 | 2.91E-09 | 2.43E-10 |
| 371349.00 | 3761862.00 | 3.90E-08 | 2.63E-09 | 2.18E-10 |
| 371369.00 | 3761862.00 | 3.45E-08 | 2.37E-09 | 1.95E-10 |
| 371389.00 | 3761862.00 | 3.04E-08 | 2.15E-09 | 1.74E-10 |
| 371409.00 | 3761862.00 | 2.72E-08 | 1.96E-09 | 1.57E-10 |
| 371429.00 | 3761862.00 | 2.38E-08 | 1.78E-09 | 1.39E-10 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371449.00 | 3761862.00 | 6.14E-05 | 4.72E-06 | 3.62E-07 |
| 370869.00 | 3761882.00 | 1.12E-02 | 1.79E-04 | 3.94E-04 |
| 370889.00 | 3761882.00 | 2.20E-02 | 1.97E-04 | 1.08E-03 |
| 370929.00 | 3761882.00 | 4.90E-02 | 2.23E-04 | 3.81E-04 |
| 370949.00 | 3761882.00 | 4.25E-02 | 2.17E-04 | 1.70E-04 |
| 370969.00 | 3761882.00 | 2.77E-02 | 1.94E-04 | 9.09E-05 |
| 370989.00 | 3761882.00 | 1.67E-02 | 1.64E-04 | 5.38E-05 |
| 371009.00 | 3761882.00 | 1.01E-02 | 1.34E-04 | 3.43E-05 |
| 371029.00 | 3761882.00 | 6.42E-03 | 1.09E-04 | 2.31E-05 |
| 371049.00 | 3761882.00 | 4.25E-03 | 8.80E-05 | 1.63E-05 |
| 371069.00 | 3761882.00 | 2.93E-03 | 7.13E-05 | 1.18E-05 |
| 371089.00 | 3761882.00 | 2.09E-03 | 5.82E-05 | 8.84E-06 |
| 371109.00 | 3761882.00 | 1.54E-03 | 4.79E-05 | 6.77E-06 |
| 371129.00 | 3761882.00 | 1.16E-03 | 3.97E-05 | 5.30E-06 |
| 371149.00 | 3761882.00 | 8.98E-04 | 3.33E-05 | 4.22E-06 |
| 371169.00 | 3761882.00 | 7.07E-04 | 2.81E-05 | 3.41E-06 |
| 371189.00 | 3761882.00 | 5.66E-04 | 2.39E-05 | 2.79E-06 |
| 371209.00 | 3761882.00 | 4.56E-04 | 2.05E-05 | 2.30E-06 |
| 371229.00 | 3761882.00 | 3.76E-04 | 1.77E-05 | 1.93E-06 |
| 371249.00 | 3761882.00 | 3.15E-04 | 1.54E-05 | 1.64E-06 |
| 371269.00 | 3761882.00 | 2.65E-04 | 1.35E-05 | 1.40E-06 |
| 371289.00 | 3761882.00 | 2.22E-04 | 1.19E-05 | 1.19E-06 |
| 371309.00 | 3761882.00 | 1.88E-04 | 1.05E-05 | 1.02E-06 |
| 371329.00 | 3761882.00 | 1.62E-04 | 9.34E-06 | 8.91E-07 |
| 371349.00 | 3761882.00 | 1.41E-04 | 8.39E-06 | 7.88E-07 |
| 371369.00 | 3761882.00 | 1.22E-04 | 7.51E-06 | 6.84E-07 |
| 371389.00 | 3761882.00 | 1.09E-04 | 6.83E-06 | 6.20E-07 |
| 371409.00 | 3761882.00 | 9.63E-05 | 6.20E-06 | 5.53E-07 |
| 371429.00 | 3761882.00 | 8.41E-05 | 5.63E-06 | 4.87E-07 |
| 371449.00 | 3761882.00 | 7.29E-05 | 5.10E-06 | 4.26E-07 |
| 370869.00 | 3761902.00 | 6.74E-03 | 1.40E-04 | 1.73E-04 |
| 370889.00 | 3761902.00 | 1.17E-02 | 1.45E-04 | 3.98E-04 |
| 370929.00 | 3761902.00 | 3.35E-02 | 1.59E-04 | 3.84E-04 |
| 370949.00 | 3761902.00 | 2.95E-02 | 1.60E-04 | 2.03E-04 |
| 370969.00 | 3761902.00 | 2.19E-02 | 1.53E-04 | 1.16E-04 |
| 370989.00 | 3761902.00 | 1.53E-02 | 1.38E-04 | 7.15E-05 |
| 371009.00 | 3761902.00 | 1.04E-02 | 1.20E-04 | 4.65E-05 |
| 371029.00 | 3761902.00 | 7.16E-03 | 1.02E-04 | 3.16E-05 |
| 371049.00 | 3761902.00 | 4.99E-03 | 8.57E-05 | 2.23E-05 |
| 371069.00 | 3761902.00 | 3.56E-03 | 7.17E-05 | 1.62E-05 |
| 371089.00 | 3761902.00 | 2.59E-03 | 6.00E-05 | 1.21E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371449.00 | 3761862.00 | 2.13E-08 | 1.63E-09 | 1.25E-10 |
| 370869.00 | 3761882.00 | 3.87E-06 | 6.20E-08 | 1.36E-07 |
| 370889.00 | 3761882.00 | 7.60E-06 | 6.81E-08 | 3.75E-07 |
| 370929.00 | 3761882.00 | 1.70E-05 | 7.71E-08 | 1.32E-07 |
| 370949.00 | 3761882.00 | 1.47E-05 | 7.51E-08 | 5.90E-08 |
| 370969.00 | 3761882.00 | 9.58E-06 | 6.73E-08 | 3.15E-08 |
| 370989.00 | 3761882.00 | 5.77E-06 | 5.69E-08 | 1.86E-08 |
| 371009.00 | 3761882.00 | 3.51E-06 | 4.66E-08 | 1.19E-08 |
| 371029.00 | 3761882.00 | 2.22E-06 | 3.77E-08 | 8.01E-09 |
| 371049.00 | 3761882.00 | 1.47E-06 | 3.05E-08 | 5.63E-09 |
| 371069.00 | 3761882.00 | 1.01E-06 | 2.47E-08 | 4.09E-09 |
| 371089.00 | 3761882.00 | 7.24E-07 | 2.02E-08 | 3.06E-09 |
| 371109.00 | 3761882.00 | 5.33E-07 | 1.66E-08 | 2.34E-09 |
| 371129.00 | 3761882.00 | 4.03E-07 | 1.38E-08 | 1.83E-09 |
| 371149.00 | 3761882.00 | 3.11E-07 | 1.15E-08 | 1.46E-09 |
| 371169.00 | 3761882.00 | 2.45E-07 | 9.72E-09 | 1.18E-09 |
| 371189.00 | 3761882.00 | 1.96E-07 | 8.27E-09 | 9.66E-10 |
| 371209.00 | 3761882.00 | 1.58E-07 | 7.08E-09 | 7.96E-10 |
| 371229.00 | 3761882.00 | 1.30E-07 | 6.12E-09 | 6.70E-10 |
| 371249.00 | 3761882.00 | 1.09E-07 | 5.35E-09 | 5.69E-10 |
| 371269.00 | 3761882.00 | 9.18E-08 | 4.69E-09 | 4.86E-10 |
| 371289.00 | 3761882.00 | 7.68E-08 | 4.11E-09 | 4.13E-10 |
| 371309.00 | 3761882.00 | 6.51E-08 | 3.63E-09 | 3.54E-10 |
| 371329.00 | 3761882.00 | 5.60E-08 | 3.23E-09 | 3.08E-10 |
| 371349.00 | 3761882.00 | 4.90E-08 | 2.90E-09 | 2.73E-10 |
| 371369.00 | 3761882.00 | 4.21E-08 | 2.60E-09 | 2.37E-10 |
| 371389.00 | 3761882.00 | 3.78E-08 | 2.37E-09 | 2.15E-10 |
| 371409.00 | 3761882.00 | 3.33E-08 | 2.15E-09 | 1.91E-10 |
| 371429.00 | 3761882.00 | 2.91E-08 | 1.95E-09 | 1.69E-10 |
| 371449.00 | 3761882.00 | 2.52E-08 | 1.76E-09 | 1.48E-10 |
| 370869.00 | 3761902.00 | 2.33E-06 | 4.86E-08 | 5.99E-08 |
| 370889.00 | 3761902.00 | 4.04E-06 | 5.02E-08 | 1.38E-07 |
| 370929.00 | 3761902.00 | 1.16E-05 | 5.51E-08 | 1.33E-07 |
| 370949.00 | 3761902.00 | 1.02E-05 | 5.54E-08 | 7.02E-08 |
| 370969.00 | 3761902.00 | 7.58E-06 | 5.28E-08 | 4.02E-08 |
| 370989.00 | 3761902.00 | 5.29E-06 | 4.78E-08 | 2.47E-08 |
| 371009.00 | 3761902.00 | 3.61E-06 | 4.15E-08 | 1.61E-08 |
| 371029.00 | 3761902.00 | 2.48E-06 | 3.53E-08 | 1.09E-08 |
| 371049.00 | 3761902.00 | 1.73E-06 | 2.97E-08 | 7.71E-09 |
| 371069.00 | 3761902.00 | 1.23E-06 | 2.48E-08 | 5.60E-09 |
| 371089.00 | 3761902.00 | 8.98E-07 | 2.08E-08 | 4.18E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371109.00 | 3761902.00 | 1.93E-03 | 5.03E-05 | 9.19E-06 |
| 371129.00 | 3761902.00 | 1.47E-03 | 4.23E-05 | 7.14E-06 |
| 371149.00 | 3761902.00 | 1.14E-03 | 3.59E-05 | 5.64E-06 |
| 371169.00 | 3761902.00 | 8.98E-04 | 3.05E-05 | 4.52E-06 |
| 371189.00 | 3761902.00 | 7.16E-04 | 2.61E-05 | 3.67E-06 |
| 371209.00 | 3761902.00 | 5.79E-04 | 2.25E-05 | 3.02E-06 |
| 371229.00 | 3761902.00 | 4.73E-04 | 1.95E-05 | 2.50E-06 |
| 371249.00 | 3761902.00 | 3.94E-04 | 1.70E-05 | 2.11E-06 |
| 371269.00 | 3761902.00 | 3.31E-04 | 1.49E-05 | 1.79E-06 |
| 371289.00 | 3761902.00 | 2.79E-04 | 1.31E-05 | 1.53E-06 |
| 371309.00 | 3761902.00 | 2.35E-04 | 1.16E-05 | 1.30E-06 |
| 371329.00 | 3761902.00 | 2.02E-04 | 1.03E-05 | 1.13E-06 |
| 371349.00 | 3761902.00 | 1.74E-04 | 9.23E-06 | 9.78E-07 |
| 371369.00 | 3761902.00 | 1.51E-04 | 8.28E-06 | 8.54E-07 |
| 371389.00 | 3761902.00 | 1.34E-04 | 7.51E-06 | 7.67E-07 |
| 371409.00 | 3761902.00 | 1.14E-04 | 6.74E-06 | 6.57E-07 |
| 371429.00 | 3761902.00 | 1.00E-04 | 6.12E-06 | 5.82E-07 |
| 371449.00 | 3761902.00 | 8.73E-05 | 5.55E-06 | 5.10E-07 |
| 370869.00 | 3761922.00 | 4.15E-03 | 1.16E-04 | 8.52E-05 |
| 370889.00 | 3761922.00 | 6.41E-03 | 1.17E-04 | 1.56E-04 |
| 370909.00 | 3761922.00 | 1.07E-02 | 1.19E-04 | 2.46E-04 |
| 370929.00 | 3761922.00 | 1.63E-02 | 1.22E-04 | 2.33E-04 |
| 370949.00 | 3761922.00 | 1.75E-02 | 1.24E-04 | 1.69E-04 |
| 370969.00 | 3761922.00 | 1.54E-02 | 1.21E-04 | 1.14E-04 |
| 370989.00 | 3761922.00 | 1.23E-02 | 1.15E-04 | 7.75E-05 |
| 371009.00 | 3761922.00 | 9.39E-03 | 1.05E-04 | 5.35E-05 |
| 371029.00 | 3761922.00 | 7.01E-03 | 9.32E-05 | 3.78E-05 |
| 371049.00 | 3761922.00 | 5.20E-03 | 8.11E-05 | 2.73E-05 |
| 371069.00 | 3761922.00 | 3.88E-03 | 6.97E-05 | 2.02E-05 |
| 371089.00 | 3761922.00 | 2.93E-03 | 5.97E-05 | 1.52E-05 |
| 371109.00 | 3761922.00 | 2.24E-03 | 5.12E-05 | 1.17E-05 |
| 371129.00 | 3761922.00 | 1.73E-03 | 4.38E-05 | 9.08E-06 |
| 371149.00 | 3761922.00 | 1.36E-03 | 3.76E-05 | 7.18E-06 |
| 371169.00 | 3761922.00 | 1.08E-03 | 3.24E-05 | 5.76E-06 |
| 371189.00 | 3761922.00 | 8.67E-04 | 2.80E-05 | 4.67E-06 |
| 371209.00 | 3761922.00 | 7.04E-04 | 2.43E-05 | 3.83E-06 |
| 371229.00 | 3761922.00 | 5.76E-04 | 2.11E-05 | 3.16E-06 |
| 371249.00 | 3761922.00 | 4.72E-04 | 1.84E-05 | 2.60E-06 |
| 371269.00 | 3761922.00 | 3.99E-04 | 1.62E-05 | 2.23E-06 |
| 371289.00 | 3761922.00 | 3.37E-04 | 1.43E-05 | 1.89E-06 |
| 371309.00 | 3761922.00 | 2.86E-04 | 1.27E-05 | 1.62E-06 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371109.00 | 3761902.00 | 6.69E-07 | 1.74E-08 | 3.18E-09 |
| 371129.00 | 3761902.00 | 5.09E-07 | 1.47E-08 | 2.47E-09 |
| 371149.00 | 3761902.00 | 3.95E-07 | 1.24E-08 | 1.95E-09 |
| 371169.00 | 3761902.00 | 3.11E-07 | 1.06E-08 | 1.57E-09 |
| 371189.00 | 3761902.00 | 2.48E-07 | 9.04E-09 | 1.27E-09 |
| 371209.00 | 3761902.00 | 2.00E-07 | 7.79E-09 | 1.04E-09 |
| 371229.00 | 3761902.00 | 1.64E-07 | 6.74E-09 | 8.64E-10 |
| 371249.00 | 3761902.00 | 1.36E-07 | 5.88E-09 | 7.29E-10 |
| 371269.00 | 3761902.00 | 1.15E-07 | 5.16E-09 | 6.20E-10 |
| 371289.00 | 3761902.00 | 9.66E-08 | 4.54E-09 | 5.28E-10 |
| 371309.00 | 3761902.00 | 8.13E-08 | 4.01E-09 | 4.49E-10 |
| 371329.00 | 3761902.00 | 6.99E-08 | 3.57E-09 | 3.90E-10 |
| 371349.00 | 3761902.00 | 6.02E-08 | 3.19E-09 | 3.38E-10 |
| 371369.00 | 3761902.00 | 5.21E-08 | 2.87E-09 | 2.96E-10 |
| 371389.00 | 3761902.00 | 4.64E-08 | 2.60E-09 | 2.66E-10 |
| 371409.00 | 3761902.00 | 3.95E-08 | 2.33E-09 | 2.27E-10 |
| 371429.00 | 3761902.00 | 3.47E-08 | 2.12E-09 | 2.01E-10 |
| 371449.00 | 3761902.00 | 3.02E-08 | 1.92E-09 | 1.77E-10 |
| 370869.00 | 3761922.00 | 1.44E-06 | 4.03E-08 | 2.95E-08 |
| 370889.00 | 3761922.00 | 2.22E-06 | 4.04E-08 | 5.41E-08 |
| 370909.00 | 3761922.00 | 3.71E-06 | 4.11E-08 | 8.51E-08 |
| 370929.00 | 3761922.00 | 5.64E-06 | 4.24E-08 | 8.05E-08 |
| 370949.00 | 3761922.00 | 6.07E-06 | 4.28E-08 | 5.83E-08 |
| 370969.00 | 3761922.00 | 5.33E-06 | 4.18E-08 | 3.96E-08 |
| 370989.00 | 3761922.00 | 4.27E-06 | 3.97E-08 | 2.68E-08 |
| 371009.00 | 3761922.00 | 3.25E-06 | 3.62E-08 | 1.85E-08 |
| 371029.00 | 3761922.00 | 2.43E-06 | 3.22E-08 | 1.31E-08 |
| 371049.00 | 3761922.00 | 1.80E-06 | 2.81E-08 | 9.45E-09 |
| 371069.00 | 3761922.00 | 1.34E-06 | 2.41E-08 | 6.98E-09 |
| 371089.00 | 3761922.00 | 1.01E-06 | 2.07E-08 | 5.26E-09 |
| 371109.00 | 3761922.00 | 7.74E-07 | 1.77E-08 | 4.03E-09 |
| 371129.00 | 3761922.00 | 5.99E-07 | 1.52E-08 | 3.14E-09 |
| 371149.00 | 3761922.00 | 4.70E-07 | 1.30E-08 | 2.49E-09 |
| 371169.00 | 3761922.00 | 3.73E-07 | 1.12E-08 | 1.99E-09 |
| 371189.00 | 3761922.00 | 3.00E-07 | 9.69E-09 | 1.62E-09 |
| 371209.00 | 3761922.00 | 2.44E-07 | 8.40E-09 | 1.33E-09 |
| 371229.00 | 3761922.00 | 2.00E-07 | 7.31E-09 | 1.10E-09 |
| 371249.00 | 3761922.00 | 1.64E-07 | 6.39E-09 | 9.02E-10 |
| 371269.00 | 3761922.00 | 1.38E-07 | 5.62E-09 | 7.71E-10 |
| 371289.00 | 3761922.00 | 1.17E-07 | 4.96E-09 | 6.55E-10 |
| 371309.00 | 3761922.00 | 9.90E-08 | 4.40E-09 | 5.60E-10 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371329.00 | 3761922.00 | 2.44E-04 | 1.13E-05 | 1.39E-06 |
| 371349.00 | 3761922.00 | 2.10E-04 | 1.01E-05 | 1.20E-06 |
| 371369.00 | 3761922.00 | 1.84E-04 | 9.09E-06 | 1.06E-06 |
| 371389.00 | 3761922.00 | 1.60E-04 | 8.19E-06 | 9.30E-07 |
| 371409.00 | 3761922.00 | 1.37E-04 | 7.36E-06 | 7.96E-07 |
| 371429.00 | 3761922.00 | 1.18E-04 | 6.64E-06 | 6.93E-07 |
| 371449.00 | 3761922.00 | 1.05E-04 | 6.05E-06 | 6.17E-07 |
| 370869.00 | 3761942.00 | 2.71E-03 | 9.97E-05 | 4.83E-05 |
| 370889.00 | 3761942.00 | 3.89E-03 | 9.82E-05 | 7.77E-05 |
| 370909.00 | 3761942.00 | 5.91E-03 | 9.80E-05 | 1.15E-04 |
| 370929.00 | 3761942.00 | 8.53E-03 | 9.89E-05 | 1.31E-04 |
| 370949.00 | 3761942.00 | 1.02E-02 | 9.97E-05 | 1.18E-04 |
| 370969.00 | 3761942.00 | 1.03E-02 | 9.88E-05 | 9.49E-05 |
| 370989.00 | 3761942.00 | 9.24E-03 | 9.57E-05 | 7.22E-05 |
| 371009.00 | 3761942.00 | 7.78E-03 | 9.02E-05 | 5.40E-05 |
| 371029.00 | 3761942.00 | 6.29E-03 | 8.29E-05 | 4.03E-05 |
| 371049.00 | 3761942.00 | 4.97E-03 | 7.46E-05 | 3.03E-05 |
| 371069.00 | 3761942.00 | 3.90E-03 | 6.62E-05 | 2.31E-05 |
| 371089.00 | 3761942.00 | 3.06E-03 | 5.81E-05 | 1.77E-05 |
| 371109.00 | 3761942.00 | 2.41E-03 | 5.07E-05 | 1.38E-05 |
| 371129.00 | 3761942.00 | 1.91E-03 | 4.43E-05 | 1.09E-05 |
| 371149.00 | 3761942.00 | 1.53E-03 | 3.85E-05 | 8.69E-06 |
| 371169.00 | 3761942.00 | 1.23E-03 | 3.37E-05 | 7.00E-06 |
| 371189.00 | 3761942.00 | 9.99E-04 | 2.94E-05 | 5.70E-06 |
| 371209.00 | 3761942.00 | 8.18E-04 | 2.57E-05 | 4.68E-06 |
| 371229.00 | 3761942.00 | 6.70E-04 | 2.25E-05 | 3.83E-06 |
| 371249.00 | 3761942.00 | 5.56E-04 | 1.98E-05 | 3.20E-06 |
| 371269.00 | 3761942.00 | 4.66E-04 | 1.75E-05 | 2.69E-06 |
| 371289.00 | 3761942.00 | 3.96E-04 | 1.55E-05 | 2.30E-06 |
| 371309.00 | 3761942.00 | 3.38E-04 | 1.37E-05 | 1.97E-06 |
| 371329.00 | 3761942.00 | 2.85E-04 | 1.22E-05 | 1.66E-06 |
| 371349.00 | 3761942.00 | 2.51E-04 | 1.10E-05 | 1.48E-06 |
| 371369.00 | 3761942.00 | 2.12E-04 | 9.81E-06 | 1.25E-06 |
| 371389.00 | 3761942.00 | 1.87E-04 | 8.88E-06 | 1.11E-06 |
| 371409.00 | 3761942.00 | 1.61E-04 | 7.98E-06 | 9.52E-07 |
| 371429.00 | 3761942.00 | 1.40E-04 | 7.22E-06 | 8.32E-07 |
| 371449.00 | 3761942.00 | 1.26E-04 | 6.61E-06 | 7.52E-07 |
| 370869.00 | 3761962.00 | 1.88E-03 | 8.79E-05 | 3.03E-05 |
| 370889.00 | 3761962.00 | 2.56E-03 | 8.52E-05 | 4.48E-05 |
| 370909.00 | 3761962.00 | 3.63E-03 | 8.40E-05 | 6.34E-05 |
| 370929.00 | 3761962.00 | 5.03E-03 | 8.34E-05 | 7.71E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371329.00 | 3761922.00 | 8.45E-08 | 3.91E-09 | 4.81E-10 |
| 371349.00 | 3761922.00 | 7.26E-08 | 3.50E-09 | 4.16E-10 |
| 371369.00 | 3761922.00 | 6.36E-08 | 3.15E-09 | 3.67E-10 |
| 371389.00 | 3761922.00 | 5.54E-08 | 2.84E-09 | 3.22E-10 |
| 371409.00 | 3761922.00 | 4.73E-08 | 2.55E-09 | 2.76E-10 |
| 371429.00 | 3761922.00 | 4.10E-08 | 2.30E-09 | 2.40E-10 |
| 371449.00 | 3761922.00 | 3.63E-08 | 2.09E-09 | 2.13E-10 |
| 370869.00 | 3761942.00 | 9.39E-07 | 3.45E-08 | 1.67E-08 |
| 370889.00 | 3761942.00 | 1.34E-06 | 3.40E-08 | 2.69E-08 |
| 370909.00 | 3761942.00 | 2.04E-06 | 3.39E-08 | 3.99E-08 |
| 370929.00 | 3761942.00 | 2.95E-06 | 3.42E-08 | 4.54E-08 |
| 370949.00 | 3761942.00 | 3.54E-06 | 3.45E-08 | 4.10E-08 |
| 370969.00 | 3761942.00 | 3.55E-06 | 3.42E-08 | 3.28E-08 |
| 370989.00 | 3761942.00 | 3.20E-06 | 3.31E-08 | 2.50E-08 |
| 371009.00 | 3761942.00 | 2.69E-06 | 3.12E-08 | 1.87E-08 |
| 371029.00 | 3761942.00 | 2.18E-06 | 2.87E-08 | 1.40E-08 |
| 371049.00 | 3761942.00 | 1.72E-06 | 2.58E-08 | 1.05E-08 |
| 371069.00 | 3761942.00 | 1.35E-06 | 2.29E-08 | 7.98E-09 |
| 371089.00 | 3761942.00 | 1.06E-06 | 2.01E-08 | 6.14E-09 |
| 371109.00 | 3761942.00 | 8.35E-07 | 1.75E-08 | 4.79E-09 |
| 371129.00 | 3761942.00 | 6.61E-07 | 1.53E-08 | 3.77E-09 |
| 371149.00 | 3761942.00 | 5.28E-07 | 1.33E-08 | 3.01E-09 |
| 371169.00 | 3761942.00 | 4.26E-07 | 1.17E-08 | 2.42E-09 |
| 371189.00 | 3761942.00 | 3.46E-07 | 1.02E-08 | 1.97E-09 |
| 371209.00 | 3761942.00 | 2.83E-07 | 8.89E-09 | 1.62E-09 |
| 371229.00 | 3761942.00 | 2.32E-07 | 7.80E-09 | 1.33E-09 |
| 371249.00 | 3761942.00 | 1.93E-07 | 6.85E-09 | 1.11E-09 |
| 371269.00 | 3761942.00 | 1.61E-07 | 6.04E-09 | 9.30E-10 |
| 371289.00 | 3761942.00 | 1.37E-07 | 5.35E-09 | 7.97E-10 |
| 371309.00 | 3761942.00 | 1.17E-07 | 4.76E-09 | 6.82E-10 |
| 371329.00 | 3761942.00 | 9.87E-08 | 4.23E-09 | 5.76E-10 |
| 371349.00 | 3761942.00 | 8.69E-08 | 3.80E-09 | 5.11E-10 |
| 371369.00 | 3761942.00 | 7.34E-08 | 3.40E-09 | 4.32E-10 |
| 371389.00 | 3761942.00 | 6.48E-08 | 3.07E-09 | 3.84E-10 |
| 371409.00 | 3761942.00 | 5.56E-08 | 2.76E-09 | 3.30E-10 |
| 371429.00 | 3761942.00 | 4.84E-08 | 2.50E-09 | 2.88E-10 |
| 371449.00 | 3761942.00 | 4.35E-08 | 2.29E-09 | 2.60E-10 |
| 370869.00 | 3761962.00 | 6.52E-07 | 3.04E-08 | 1.05E-08 |
| 370889.00 | 3761962.00 | 8.87E-07 | 2.95E-08 | 1.55E-08 |
| 370909.00 | 3761962.00 | 1.26E-06 | 2.91E-08 | 2.19E-08 |
| 370929.00 | 3761962.00 | 1.74E-06 | 2.89E-08 | 2.67E-08 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370949.00 | 3761962.00 | 6.25E-03 | 8.33E-05 | 7.93E-05 |
| 370969.00 | 3761962.00 | 6.82E-03 | 8.27E-05 | 7.20E-05 |
| 370989.00 | 3761962.00 | 6.69E-03 | 8.10E-05 | 6.08E-05 |
| 371009.00 | 3761962.00 | 6.11E-03 | 7.78E-05 | 4.94E-05 |
| 371029.00 | 3761962.00 | 5.31E-03 | 7.32E-05 | 3.93E-05 |
| 371049.00 | 3761962.00 | 4.46E-03 | 6.76E-05 | 3.10E-05 |
| 371069.00 | 3761962.00 | 3.68E-03 | 6.15E-05 | 2.44E-05 |
| 371089.00 | 3761962.00 | 3.01E-03 | 5.53E-05 | 1.94E-05 |
| 371109.00 | 3761962.00 | 2.45E-03 | 4.93E-05 | 1.54E-05 |
| 371129.00 | 3761962.00 | 2.00E-03 | 4.37E-05 | 1.24E-05 |
| 371149.00 | 3761962.00 | 1.63E-03 | 3.87E-05 | 9.99E-06 |
| 371169.00 | 3761962.00 | 1.34E-03 | 3.42E-05 | 8.13E-06 |
| 371189.00 | 3761962.00 | 1.10E-03 | 3.02E-05 | 6.67E-06 |
| 371209.00 | 3761962.00 | 9.11E-04 | 2.67E-05 | 5.50E-06 |
| 371229.00 | 3761962.00 | 7.58E-04 | 2.36E-05 | 4.57E-06 |
| 371249.00 | 3761962.00 | 6.35E-04 | 2.09E-05 | 3.82E-06 |
| 371269.00 | 3761962.00 | 5.36E-04 | 1.85E-05 | 3.23E-06 |
| 371289.00 | 3761962.00 | 4.56E-04 | 1.65E-05 | 2.75E-06 |
| 371309.00 | 3761962.00 | 3.86E-04 | 1.47E-05 | 2.32E-06 |
| 371329.00 | 3761962.00 | 3.34E-04 | 1.32E-05 | 2.02E-06 |
| 371349.00 | 3761962.00 | 2.90E-04 | 1.18E-05 | 1.76E-06 |
| 371369.00 | 3761962.00 | 2.49E-04 | 1.06E-05 | 1.51E-06 |
| 371389.00 | 3761962.00 | 2.13E-04 | 9.53E-06 | 1.29E-06 |
| 371409.00 | 3761962.00 | 1.86E-04 | 8.61E-06 | 1.12E-06 |
| 371429.00 | 3761962.00 | 1.63E-04 | 7.81E-06 | 9.89E-07 |
| 371449.00 | 3761962.00 | 1.44E-04 | 7.11E-06 | 8.74E-07 |
| 370869.00 | 3761982.00 | 1.37E-03 | 7.88E-05 | 2.05E-05 |
| 370889.00 | 3761982.00 | 1.80E-03 | 7.56E-05 | 2.85E-05 |
| 370909.00 | 3761982.00 | 2.43E-03 | 7.37E-05 | 3.87E-05 |
| 370929.00 | 3761982.00 | 3.24E-03 | 7.26E-05 | 4.82E-05 |
| 370949.00 | 3761982.00 | 4.05E-03 | 7.17E-05 | 5.32E-05 |
| 370969.00 | 3761982.00 | 4.62E-03 | 7.10E-05 | 5.27E-05 |
| 370989.00 | 3761982.00 | 4.82E-03 | 6.97E-05 | 4.84E-05 |
| 371009.00 | 3761982.00 | 4.68E-03 | 6.77E-05 | 4.23E-05 |
| 371029.00 | 3761982.00 | 4.32E-03 | 6.47E-05 | 3.57E-05 |
| 371049.00 | 3761982.00 | 3.84E-03 | 6.09E-05 | 2.97E-05 |
| 371069.00 | 3761982.00 | 3.32E-03 | 5.65E-05 | 2.43E-05 |
| 371089.00 | 3761982.00 | 2.82E-03 | 5.19E-05 | 1.99E-05 |
| 371109.00 | 3761982.00 | 2.38E-03 | 4.71E-05 | 1.63E-05 |
| 371129.00 | 3761982.00 | 1.99E-03 | 4.24E-05 | 1.33E-05 |
| 371149.00 | 3761982.00 | 1.67E-03 | 3.82E-05 | 1.10E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370949.00 | 3761962.00 | 2.16E-06 | 2.88E-08 | 2.74E-08 |
| 370969.00 | 3761962.00 | 2.36E-06 | 2.86E-08 | 2.49E-08 |
| 370989.00 | 3761962.00 | 2.32E-06 | 2.80E-08 | 2.11E-08 |
| 371009.00 | 3761962.00 | 2.12E-06 | 2.69E-08 | 1.71E-08 |
| 371029.00 | 3761962.00 | 1.84E-06 | 2.53E-08 | 1.36E-08 |
| 371049.00 | 3761962.00 | 1.55E-06 | 2.34E-08 | 1.07E-08 |
| 371069.00 | 3761962.00 | 1.28E-06 | 2.13E-08 | 8.46E-09 |
| 371089.00 | 3761962.00 | 1.04E-06 | 1.91E-08 | 6.70E-09 |
| 371109.00 | 3761962.00 | 8.49E-07 | 1.71E-08 | 5.34E-09 |
| 371129.00 | 3761962.00 | 6.91E-07 | 1.51E-08 | 4.28E-09 |
| 371149.00 | 3761962.00 | 5.64E-07 | 1.34E-08 | 3.46E-09 |
| 371169.00 | 3761962.00 | 4.63E-07 | 1.18E-08 | 2.82E-09 |
| 371189.00 | 3761962.00 | 3.81E-07 | 1.05E-08 | 2.31E-09 |
| 371209.00 | 3761962.00 | 3.15E-07 | 9.25E-09 | 1.91E-09 |
| 371229.00 | 3761962.00 | 2.62E-07 | 8.17E-09 | 1.58E-09 |
| 371249.00 | 3761962.00 | 2.20E-07 | 7.24E-09 | 1.32E-09 |
| 371269.00 | 3761962.00 | 1.86E-07 | 6.42E-09 | 1.12E-09 |
| 371289.00 | 3761962.00 | 1.58E-07 | 5.71E-09 | 9.53E-10 |
| 371309.00 | 3761962.00 | 1.34E-07 | 5.09E-09 | 8.04E-10 |
| 371329.00 | 3761962.00 | 1.16E-07 | 4.56E-09 | 6.99E-10 |
| 371349.00 | 3761962.00 | 1.00E-07 | 4.09E-09 | 6.08E-10 |
| 371369.00 | 3761962.00 | 8.61E-08 | 3.67E-09 | 5.21E-10 |
| 371389.00 | 3761962.00 | 7.36E-08 | 3.30E-09 | 4.45E-10 |
| 371409.00 | 3761962.00 | 6.42E-08 | 2.98E-09 | 3.89E-10 |
| 371429.00 | 3761962.00 | 5.64E-08 | 2.70E-09 | 3.42E-10 |
| 371449.00 | 3761962.00 | 4.97E-08 | 2.46E-09 | 3.03E-10 |
| 370869.00 | 3761982.00 | 4.75E-07 | 2.73E-08 | 7.08E-09 |
| 370889.00 | 3761982.00 | 6.22E-07 | 2.62E-08 | 9.86E-09 |
| 370909.00 | 3761982.00 | 8.40E-07 | 2.55E-08 | 1.34E-08 |
| 370929.00 | 3761982.00 | 1.12E-06 | 2.51E-08 | 1.67E-08 |
| 370949.00 | 3761982.00 | 1.40E-06 | 2.48E-08 | 1.84E-08 |
| 370969.00 | 3761982.00 | 1.60E-06 | 2.46E-08 | 1.83E-08 |
| 370989.00 | 3761982.00 | 1.67E-06 | 2.41E-08 | 1.68E-08 |
| 371009.00 | 3761982.00 | 1.62E-06 | 2.34E-08 | 1.46E-08 |
| 371029.00 | 3761982.00 | 1.49E-06 | 2.24E-08 | 1.24E-08 |
| 371049.00 | 3761982.00 | 1.33E-06 | 2.11E-08 | 1.03E-08 |
| 371069.00 | 3761982.00 | 1.15E-06 | 1.96E-08 | 8.43E-09 |
| 371089.00 | 3761982.00 | 9.78E-07 | 1.80E-08 | 6.89E-09 |
| 371109.00 | 3761982.00 | 8.23E-07 | 1.63E-08 | 5.63E-09 |
| 371129.00 | 3761982.00 | 6.90E-07 | 1.47E-08 | 4.62E-09 |
| 371149.00 | 3761982.00 | 5.77E-07 | 1.32E-08 | 3.80E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371169.00 | 3761982.00 | 1.40E-03 | 3.42E-05 | 9.06E-06 |
| 371189.00 | 3761982.00 | 1.17E-03 | 3.06E-05 | 7.52E-06 |
| 371209.00 | 3761982.00 | 9.83E-04 | 2.73E-05 | 6.27E-06 |
| 371229.00 | 3761982.00 | 8.28E-04 | 2.44E-05 | 5.25E-06 |
| 371249.00 | 3761982.00 | 7.01E-04 | 2.17E-05 | 4.42E-06 |
| 371269.00 | 3761982.00 | 5.97E-04 | 1.94E-05 | 3.76E-06 |
| 371289.00 | 3761982.00 | 5.08E-04 | 1.74E-05 | 3.19E-06 |
| 371309.00 | 3761982.00 | 4.35E-04 | 1.56E-05 | 2.72E-06 |
| 371329.00 | 3761982.00 | 3.78E-04 | 1.40E-05 | 2.37E-06 |
| 371349.00 | 3761982.00 | 3.24E-04 | 1.26E-05 | 2.02E-06 |
| 371369.00 | 3761982.00 | 2.82E-04 | 1.13E-05 | 1.76E-06 |
| 371389.00 | 3761982.00 | 2.43E-04 | 1.02E-05 | 1.51E-06 |
| 371409.00 | 3761982.00 | 2.12E-04 | 9.24E-06 | 1.32E-06 |
| 371429.00 | 3761982.00 | 1.90E-04 | 8.44E-06 | 1.18E-06 |
| 371449.00 | 3761982.00 | 1.66E-04 | 7.67E-06 | 1.04E-06 |
| 370869.00 | 3762002.00 | 1.04E-03 | 7.15E-05 | 1.45E-05 |
| 370889.00 | 3762002.00 | 1.32E-03 | 6.82E-05 | 1.94E-05 |
| 370909.00 | 3762002.00 | 1.71E-03 | 6.59E-05 | 2.55E-05 |
| 370929.00 | 3762002.00 | 2.22E-03 | 6.43E-05 | 3.18E-05 |
| 370949.00 | 3762002.00 | 2.76E-03 | 6.32E-05 | 3.64E-05 |
| 370969.00 | 3762002.00 | 3.22E-03 | 6.22E-05 | 3.83E-05 |
| 370989.00 | 3762002.00 | 3.49E-03 | 6.11E-05 | 3.75E-05 |
| 371009.00 | 3762002.00 | 3.55E-03 | 5.96E-05 | 3.47E-05 |
| 371029.00 | 3762002.00 | 3.44E-03 | 5.75E-05 | 3.10E-05 |
| 371049.00 | 3762002.00 | 3.20E-03 | 5.48E-05 | 2.70E-05 |
| 371069.00 | 3762002.00 | 2.89E-03 | 5.17E-05 | 2.31E-05 |
| 371089.00 | 3762002.00 | 2.55E-03 | 4.82E-05 | 1.95E-05 |
| 371109.00 | 3762002.00 | 2.22E-03 | 4.45E-05 | 1.64E-05 |
| 371129.00 | 3762002.00 | 1.92E-03 | 4.07E-05 | 1.38E-05 |
| 371149.00 | 3762002.00 | 1.64E-03 | 3.71E-05 | 1.15E-05 |
| 371169.00 | 3762002.00 | 1.41E-03 | 3.37E-05 | 9.70E-06 |
| 371189.00 | 3762002.00 | 1.20E-03 | 3.04E-05 | 8.17E-06 |
| 371209.00 | 3762002.00 | 1.02E-03 | 2.75E-05 | 6.89E-06 |
| 371229.00 | 3762002.00 | 8.76E-04 | 2.47E-05 | 5.84E-06 |
| 371249.00 | 3762002.00 | 7.50E-04 | 2.23E-05 | 4.96E-06 |
| 371269.00 | 3762002.00 | 6.44E-04 | 2.01E-05 | 4.24E-06 |
| 371289.00 | 3762002.00 | 5.52E-04 | 1.81E-05 | 3.60E-06 |
| 371309.00 | 3762002.00 | 4.80E-04 | 1.63E-05 | 3.13E-06 |
| 371329.00 | 3762002.00 | 4.12E-04 | 1.47E-05 | 2.66E-06 |
| 371349.00 | 3762002.00 | 3.57E-04 | 1.32E-05 | 2.30E-06 |
| 371369.00 | 3762002.00 | 3.11E-04 | 1.20E-05 | 2.00E-06 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371169.00 | 3761982.00 | 4.83E-07 | 1.18E-08 | 3.14E-09 |
| 371189.00 | 3761982.00 | 4.05E-07 | 1.06E-08 | 2.60E-09 |
| 371209.00 | 3761982.00 | 3.40E-07 | 9.44E-09 | 2.17E-09 |
| 371229.00 | 3761982.00 | 2.87E-07 | 8.43E-09 | 1.82E-09 |
| 371249.00 | 3761982.00 | 2.43E-07 | 7.52E-09 | 1.53E-09 |
| 371269.00 | 3761982.00 | 2.07E-07 | 6.72E-09 | 1.30E-09 |
| 371289.00 | 3761982.00 | 1.76E-07 | 6.01E-09 | 1.10E-09 |
| 371309.00 | 3761982.00 | 1.51E-07 | 5.39E-09 | 9.43E-10 |
| 371329.00 | 3761982.00 | 1.31E-07 | 4.84E-09 | 8.20E-10 |
| 371349.00 | 3761982.00 | 1.12E-07 | 4.35E-09 | 7.00E-10 |
| 371369.00 | 3761982.00 | 9.75E-08 | 3.92E-09 | 6.09E-10 |
| 371389.00 | 3761982.00 | 8.40E-08 | 3.53E-09 | 5.22E-10 |
| 371409.00 | 3761982.00 | 7.33E-08 | 3.20E-09 | 4.56E-10 |
| 371429.00 | 3761982.00 | 6.56E-08 | 2.92E-09 | 4.10E-10 |
| 371449.00 | 3761982.00 | 5.76E-08 | 2.66E-09 | 3.59E-10 |
| 370869.00 | 3762002.00 | 3.60E-07 | 2.48E-08 | 5.03E-09 |
| 370889.00 | 3762002.00 | 4.57E-07 | 2.36E-08 | 6.70E-09 |
| 370909.00 | 3762002.00 | 5.94E-07 | 2.28E-08 | 8.84E-09 |
| 370929.00 | 3762002.00 | 7.69E-07 | 2.23E-08 | 1.10E-08 |
| 370949.00 | 3762002.00 | 9.56E-07 | 2.19E-08 | 1.26E-08 |
| 370969.00 | 3762002.00 | 1.11E-06 | 2.15E-08 | 1.33E-08 |
| 370989.00 | 3762002.00 | 1.21E-06 | 2.11E-08 | 1.30E-08 |
| 371009.00 | 3762002.00 | 1.23E-06 | 2.06E-08 | 1.20E-08 |
| 371029.00 | 3762002.00 | 1.19E-06 | 1.99E-08 | 1.07E-08 |
| 371049.00 | 3762002.00 | 1.11E-06 | 1.90E-08 | 9.34E-09 |
| 371069.00 | 3762002.00 | 1.00E-06 | 1.79E-08 | 7.98E-09 |
| 371089.00 | 3762002.00 | 8.84E-07 | 1.67E-08 | 6.75E-09 |
| 371109.00 | 3762002.00 | 7.70E-07 | 1.54E-08 | 5.68E-09 |
| 371129.00 | 3762002.00 | 6.64E-07 | 1.41E-08 | 4.77E-09 |
| 371149.00 | 3762002.00 | 5.69E-07 | 1.28E-08 | 4.00E-09 |
| 371169.00 | 3762002.00 | 4.87E-07 | 1.17E-08 | 3.36E-09 |
| 371189.00 | 3762002.00 | 4.15E-07 | 1.05E-08 | 2.83E-09 |
| 371209.00 | 3762002.00 | 3.55E-07 | 9.51E-09 | 2.39E-09 |
| 371229.00 | 3762002.00 | 3.03E-07 | 8.56E-09 | 2.02E-09 |
| 371249.00 | 3762002.00 | 2.60E-07 | 7.71E-09 | 1.72E-09 |
| 371269.00 | 3762002.00 | 2.23E-07 | 6.94E-09 | 1.47E-09 |
| 371289.00 | 3762002.00 | 1.91E-07 | 6.25E-09 | 1.25E-09 |
| 371309.00 | 3762002.00 | 1.66E-07 | 5.63E-09 | 1.08E-09 |
| 371329.00 | 3762002.00 | 1.42E-07 | 5.08E-09 | 9.22E-10 |
| 371349.00 | 3762002.00 | 1.23E-07 | 4.58E-09 | 7.96E-10 |
| 371369.00 | 3762002.00 | 1.08E-07 | 4.14E-09 | 6.92E-10 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371389.00 | 3762002.00 | 2.71E-04 | 1.08E-05 | 1.74E-06 |
| 371409.00 | 3762002.00 | 2.39E-04 | 9.85E-06 | 1.53E-06 |
| 371429.00 | 3762002.00 | 2.12E-04 | 8.98E-06 | 1.35E-06 |
| 371449.00 | 3762002.00 | 1.89E-04 | 8.21E-06 | 1.21E-06 |
| 370869.00 | 3762022.00 | 8.09E-04 | 6.55E-05 | 1.08E-05 |
| 370889.00 | 3762022.00 | 9.93E-04 | 6.22E-05 | 1.38E-05 |
| 370909.00 | 3762022.00 | 1.26E-03 | 5.98E-05 | 1.78E-05 |
| 370929.00 | 3762022.00 | 1.60E-03 | 5.80E-05 | 2.20E-05 |
| 370949.00 | 3762022.00 | 1.97E-03 | 5.67E-05 | 2.57E-05 |
| 370969.00 | 3762022.00 | 2.31E-03 | 5.54E-05 | 2.80E-05 |
| 370989.00 | 3762022.00 | 2.57E-03 | 5.43E-05 | 2.87E-05 |
| 371009.00 | 3762022.00 | 2.71E-03 | 5.31E-05 | 2.79E-05 |
| 371029.00 | 3762022.00 | 2.72E-03 | 5.15E-05 | 2.61E-05 |
| 371049.00 | 3762022.00 | 2.63E-03 | 4.95E-05 | 2.37E-05 |
| 371069.00 | 3762022.00 | 2.46E-03 | 4.72E-05 | 2.10E-05 |
| 371089.00 | 3762022.00 | 2.25E-03 | 4.46E-05 | 1.84E-05 |
| 371109.00 | 3762022.00 | 2.02E-03 | 4.17E-05 | 1.59E-05 |
| 371129.00 | 3762022.00 | 1.79E-03 | 3.87E-05 | 1.37E-05 |
| 371149.00 | 3762022.00 | 1.57E-03 | 3.57E-05 | 1.17E-05 |
| 371169.00 | 3762022.00 | 1.38E-03 | 3.28E-05 | 1.00E-05 |
| 371189.00 | 3762022.00 | 1.20E-03 | 3.00E-05 | 8.58E-06 |
| 371209.00 | 3762022.00 | 1.04E-03 | 2.73E-05 | 7.34E-06 |
| 371229.00 | 3762022.00 | 9.00E-04 | 2.48E-05 | 6.29E-06 |
| 371249.00 | 3762022.00 | 7.81E-04 | 2.26E-05 | 5.40E-06 |
| 371269.00 | 3762022.00 | 6.78E-04 | 2.05E-05 | 4.65E-06 |
| 371289.00 | 3762022.00 | 5.90E-04 | 1.85E-05 | 4.02E-06 |
| 371309.00 | 3762022.00 | 5.14E-04 | 1.68E-05 | 3.48E-06 |
| 371329.00 | 3762022.00 | 4.47E-04 | 1.53E-05 | 3.01E-06 |
| 371349.00 | 3762022.00 | 3.88E-04 | 1.38E-05 | 2.59E-06 |
| 371369.00 | 3762022.00 | 3.40E-04 | 1.26E-05 | 2.26E-06 |
| 371389.00 | 3762022.00 | 3.00E-04 | 1.14E-05 | 1.99E-06 |
| 371409.00 | 3762022.00 | 2.66E-04 | 1.04E-05 | 1.76E-06 |
| 371429.00 | 3762022.00 | 2.35E-04 | 9.52E-06 | 1.55E-06 |
| 371449.00 | 3762022.00 | 2.08E-04 | 8.69E-06 | 1.37E-06 |
| 370869.00 | 3762042.00 | 6.45E-04 | 6.04E-05 | 8.22E-06 |
| 370889.00 | 3762042.00 | 7.83E-04 | 5.73E-05 | 1.03E-05 |
| 370909.00 | 3762042.00 | 9.63E-04 | 5.48E-05 | 1.29E-05 |
| 370929.00 | 3762042.00 | 1.19E-03 | 5.28E-05 | 1.58E-05 |
| 370949.00 | 3762042.00 | 1.45E-03 | 5.14E-05 | 1.86E-05 |
| 370969.00 | 3762042.00 | 1.71E-03 | 5.02E-05 | 2.08E-05 |
| 370989.00 | 3762042.00 | 1.93E-03 | 4.90E-05 | 2.20E-05 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371389.00 | 3762002.00 | 9.39E-08 | 3.75E-09 | 6.02E-10 |
| 371409.00 | 3762002.00 | 8.26E-08 | 3.41E-09 | 5.29E-10 |
| 371429.00 | 3762002.00 | 7.32E-08 | 3.11E-09 | 4.69E-10 |
| 371449.00 | 3762002.00 | 6.53E-08 | 2.84E-09 | 4.18E-10 |
| 370869.00 | 3762022.00 | 2.80E-07 | 2.27E-08 | 3.73E-09 |
| 370889.00 | 3762022.00 | 3.44E-07 | 2.15E-08 | 4.77E-09 |
| 370909.00 | 3762022.00 | 4.38E-07 | 2.07E-08 | 6.15E-09 |
| 370929.00 | 3762022.00 | 5.53E-07 | 2.01E-08 | 7.62E-09 |
| 370949.00 | 3762022.00 | 6.81E-07 | 1.96E-08 | 8.89E-09 |
| 370969.00 | 3762022.00 | 8.01E-07 | 1.92E-08 | 9.69E-09 |
| 370989.00 | 3762022.00 | 8.88E-07 | 1.88E-08 | 9.93E-09 |
| 371009.00 | 3762022.00 | 9.37E-07 | 1.84E-08 | 9.66E-09 |
| 371029.00 | 3762022.00 | 9.40E-07 | 1.78E-08 | 9.03E-09 |
| 371049.00 | 3762022.00 | 9.09E-07 | 1.72E-08 | 8.20E-09 |
| 371069.00 | 3762022.00 | 8.52E-07 | 1.63E-08 | 7.28E-09 |
| 371089.00 | 3762022.00 | 7.79E-07 | 1.54E-08 | 6.37E-09 |
| 371109.00 | 3762022.00 | 7.00E-07 | 1.44E-08 | 5.51E-09 |
| 371129.00 | 3762022.00 | 6.20E-07 | 1.34E-08 | 4.74E-09 |
| 371149.00 | 3762022.00 | 5.45E-07 | 1.24E-08 | 4.06E-09 |
| 371169.00 | 3762022.00 | 4.76E-07 | 1.14E-08 | 3.47E-09 |
| 371189.00 | 3762022.00 | 4.14E-07 | 1.04E-08 | 2.97E-09 |
| 371209.00 | 3762022.00 | 3.59E-07 | 9.46E-09 | 2.54E-09 |
| 371229.00 | 3762022.00 | 3.12E-07 | 8.60E-09 | 2.18E-09 |
| 371249.00 | 3762022.00 | 2.70E-07 | 7.81E-09 | 1.87E-09 |
| 371269.00 | 3762022.00 | 2.35E-07 | 7.08E-09 | 1.61E-09 |
| 371289.00 | 3762022.00 | 2.04E-07 | 6.42E-09 | 1.39E-09 |
| 371309.00 | 3762022.00 | 1.78E-07 | 5.82E-09 | 1.21E-09 |
| 371329.00 | 3762022.00 | 1.55E-07 | 5.28E-09 | 1.04E-09 |
| 371349.00 | 3762022.00 | 1.34E-07 | 4.79E-09 | 8.97E-10 |
| 371369.00 | 3762022.00 | 1.18E-07 | 4.35E-09 | 7.82E-10 |
| 371389.00 | 3762022.00 | 1.04E-07 | 3.96E-09 | 6.89E-10 |
| 371409.00 | 3762022.00 | 9.22E-08 | 3.61E-09 | 6.10E-10 |
| 371429.00 | 3762022.00 | 8.15E-08 | 3.30E-09 | 5.38E-10 |
| 371449.00 | 3762022.00 | 7.21E-08 | 3.01E-09 | 4.74E-10 |
| 370869.00 | 3762042.00 | 2.23E-07 | 2.09E-08 | 2.85E-09 |
| 370889.00 | 3762042.00 | 2.71E-07 | 1.98E-08 | 3.57E-09 |
| 370909.00 | 3762042.00 | 3.33E-07 | 1.90E-08 | 4.47E-09 |
| 370929.00 | 3762042.00 | 4.13E-07 | 1.83E-08 | 5.48E-09 |
| 370949.00 | 3762042.00 | 5.03E-07 | 1.78E-08 | 6.44E-09 |
| 370969.00 | 3762042.00 | 5.92E-07 | 1.74E-08 | 7.19E-09 |
| 370989.00 | 3762042.00 | 6.67E-07 | 1.70E-08 | 7.60E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371009.00 | 3762042.00 | 2.07E-03 | 4.78E-05 | 2.22E-05 |
| 371029.00 | 3762042.00 | 2.14E-03 | 4.65E-05 | 2.15E-05 |
| 371049.00 | 3762042.00 | 2.14E-03 | 4.50E-05 | 2.03E-05 |
| 371069.00 | 3762042.00 | 2.06E-03 | 4.32E-05 | 1.86E-05 |
| 371089.00 | 3762042.00 | 1.95E-03 | 4.12E-05 | 1.68E-05 |
| 371109.00 | 3762042.00 | 1.80E-03 | 3.89E-05 | 1.50E-05 |
| 371129.00 | 3762042.00 | 1.64E-03 | 3.65E-05 | 1.32E-05 |
| 371149.00 | 3762042.00 | 1.47E-03 | 3.41E-05 | 1.15E-05 |
| 371169.00 | 3762042.00 | 1.31E-03 | 3.16E-05 | 1.01E-05 |
| 371189.00 | 3762042.00 | 1.16E-03 | 2.92E-05 | 8.76E-06 |
| 371209.00 | 3762042.00 | 1.03E-03 | 2.69E-05 | 7.60E-06 |
| 371229.00 | 3762042.00 | 9.03E-04 | 2.47E-05 | 6.60E-06 |
| 371249.00 | 3762042.00 | 7.94E-04 | 2.26E-05 | 5.73E-06 |
| 371269.00 | 3762042.00 | 6.97E-04 | 2.07E-05 | 4.98E-06 |
| 371289.00 | 3762042.00 | 6.13E-04 | 1.89E-05 | 4.34E-06 |
| 371309.00 | 3762042.00 | 5.39E-04 | 1.72E-05 | 3.79E-06 |
| 371329.00 | 3762042.00 | 4.75E-04 | 1.57E-05 | 3.31E-06 |
| 371349.00 | 3762042.00 | 4.18E-04 | 1.43E-05 | 2.90E-06 |
| 371369.00 | 3762042.00 | 3.66E-04 | 1.31E-05 | 2.51E-06 |
| 371389.00 | 3762042.00 | 3.23E-04 | 1.19E-05 | 2.21E-06 |
| 371409.00 | 3762042.00 | 2.89E-04 | 1.09E-05 | 1.97E-06 |
| 371429.00 | 3762042.00 | 2.56E-04 | 9.99E-06 | 1.74E-06 |
| 371449.00 | 3762042.00 | 2.28E-04 | 9.15E-06 | 1.54E-06 |
| 370869.00 | 3762062.00 | 5.24E-04 | 5.58E-05 | 6.45E-06 |
| 370889.00 | 3762062.00 | 6.26E-04 | 5.30E-05 | 7.92E-06 |
| 370909.00 | 3762062.00 | 7.56E-04 | 5.06E-05 | 9.73E-06 |
| 370929.00 | 3762062.00 | 9.15E-04 | 4.86E-05 | 1.18E-05 |
| 370949.00 | 3762062.00 | 1.10E-03 | 4.71E-05 | 1.39E-05 |
| 370969.00 | 3762062.00 | 1.30E-03 | 4.58E-05 | 1.57E-05 |
| 370989.00 | 3762062.00 | 1.47E-03 | 4.47E-05 | 1.69E-05 |
| 371009.00 | 3762062.00 | 1.61E-03 | 4.35E-05 | 1.76E-05 |
| 371029.00 | 3762062.00 | 1.70E-03 | 4.24E-05 | 1.76E-05 |
| 371049.00 | 3762062.00 | 1.73E-03 | 4.11E-05 | 1.71E-05 |
| 371069.00 | 3762062.00 | 1.72E-03 | 3.97E-05 | 1.62E-05 |
| 371089.00 | 3762062.00 | 1.66E-03 | 3.81E-05 | 1.50E-05 |
| 371109.00 | 3762062.00 | 1.57E-03 | 3.63E-05 | 1.37E-05 |
| 371129.00 | 3762062.00 | 1.47E-03 | 3.43E-05 | 1.24E-05 |
| 371149.00 | 3762062.00 | 1.35E-03 | 3.23E-05 | 1.11E-05 |
| 371169.00 | 3762062.00 | 1.23E-03 | 3.03E-05 | 9.85E-06 |
| 371189.00 | 3762062.00 | 1.11E-03 | 2.82E-05 | 8.71E-06 |
| 371209.00 | 3762062.00 | 9.94E-04 | 2.62E-05 | 7.68E-06 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371009.00 | 3762042.00 | 7.18E-07 | 1.66E-08 | 7.67E-09 |
| 371029.00 | 3762042.00 | 7.42E-07 | 1.61E-08 | 7.45E-09 |
| 371049.00 | 3762042.00 | 7.39E-07 | 1.56E-08 | 7.02E-09 |
| 371069.00 | 3762042.00 | 7.15E-07 | 1.50E-08 | 6.45E-09 |
| 371089.00 | 3762042.00 | 6.74E-07 | 1.43E-08 | 5.82E-09 |
| 371109.00 | 3762042.00 | 6.22E-07 | 1.35E-08 | 5.18E-09 |
| 371129.00 | 3762042.00 | 5.66E-07 | 1.26E-08 | 4.56E-09 |
| 371149.00 | 3762042.00 | 5.09E-07 | 1.18E-08 | 4.00E-09 |
| 371169.00 | 3762042.00 | 4.54E-07 | 1.09E-08 | 3.49E-09 |
| 371189.00 | 3762042.00 | 4.02E-07 | 1.01E-08 | 3.03E-09 |
| 371209.00 | 3762042.00 | 3.55E-07 | 9.31E-09 | 2.63E-09 |
| 371229.00 | 3762042.00 | 3.13E-07 | 8.54E-09 | 2.29E-09 |
| 371249.00 | 3762042.00 | 2.75E-07 | 7.82E-09 | 1.98E-09 |
| 371269.00 | 3762042.00 | 2.41E-07 | 7.15E-09 | 1.72E-09 |
| 371289.00 | 3762042.00 | 2.12E-07 | 6.53E-09 | 1.50E-09 |
| 371309.00 | 3762042.00 | 1.87E-07 | 5.96E-09 | 1.31E-09 |
| 371329.00 | 3762042.00 | 1.64E-07 | 5.43E-09 | 1.15E-09 |
| 371349.00 | 3762042.00 | 1.45E-07 | 4.96E-09 | 1.00E-09 |
| 371369.00 | 3762042.00 | 1.27E-07 | 4.52E-09 | 8.70E-10 |
| 371389.00 | 3762042.00 | 1.12E-07 | 4.13E-09 | 7.65E-10 |
| 371409.00 | 3762042.00 | 1.00E-07 | 3.78E-09 | 6.83E-10 |
| 371429.00 | 3762042.00 | 8.87E-08 | 3.46E-09 | 6.01E-10 |
| 371449.00 | 3762042.00 | 7.88E-08 | 3.17E-09 | 5.32E-10 |
| 370869.00 | 3762062.00 | 1.81E-07 | 1.93E-08 | 2.23E-09 |
| 370889.00 | 3762062.00 | 2.17E-07 | 1.83E-08 | 2.74E-09 |
| 370909.00 | 3762062.00 | 2.62E-07 | 1.75E-08 | 3.37E-09 |
| 370929.00 | 3762062.00 | 3.17E-07 | 1.68E-08 | 4.08E-09 |
| 370949.00 | 3762062.00 | 3.82E-07 | 1.63E-08 | 4.80E-09 |
| 370969.00 | 3762062.00 | 4.49E-07 | 1.59E-08 | 5.42E-09 |
| 370989.00 | 3762062.00 | 5.10E-07 | 1.55E-08 | 5.87E-09 |
| 371009.00 | 3762062.00 | 5.57E-07 | 1.51E-08 | 6.08E-09 |
| 371029.00 | 3762062.00 | 5.88E-07 | 1.47E-08 | 6.09E-09 |
| 371049.00 | 3762062.00 | 6.00E-07 | 1.42E-08 | 5.91E-09 |
| 371069.00 | 3762062.00 | 5.95E-07 | 1.37E-08 | 5.60E-09 |
| 371089.00 | 3762062.00 | 5.75E-07 | 1.32E-08 | 5.20E-09 |
| 371109.00 | 3762062.00 | 5.45E-07 | 1.26E-08 | 4.75E-09 |
| 371129.00 | 3762062.00 | 5.08E-07 | 1.19E-08 | 4.29E-09 |
| 371149.00 | 3762062.00 | 4.67E-07 | 1.12E-08 | 3.83E-09 |
| 371169.00 | 3762062.00 | 4.25E-07 | 1.05E-08 | 3.41E-09 |
| 371189.00 | 3762062.00 | 3.83E-07 | 9.78E-09 | 3.01E-09 |
| 371209.00 | 3762062.00 | 3.44E-07 | 9.08E-09 | 2.66E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371229.00 | 3762062.00 | 8.88E-04 | 2.43E-05 | 6.76E-06 |
| 371249.00 | 3762062.00 | 7.91E-04 | 2.24E-05 | 5.93E-06 |
| 371269.00 | 3762062.00 | 7.03E-04 | 2.06E-05 | 5.22E-06 |
| 371289.00 | 3762062.00 | 6.24E-04 | 1.90E-05 | 4.58E-06 |
| 371309.00 | 3762062.00 | 5.54E-04 | 1.74E-05 | 4.03E-06 |
| 371329.00 | 3762062.00 | 4.92E-04 | 1.60E-05 | 3.55E-06 |
| 371349.00 | 3762062.00 | 4.37E-04 | 1.47E-05 | 3.13E-06 |
| 371369.00 | 3762062.00 | 3.89E-04 | 1.35E-05 | 2.77E-06 |
| 371389.00 | 3762062.00 | 3.46E-04 | 1.24E-05 | 2.44E-06 |
| 371409.00 | 3762062.00 | 3.08E-04 | 1.13E-05 | 2.16E-06 |
| 371429.00 | 3762062.00 | 2.74E-04 | 1.04E-05 | 1.91E-06 |
| 371449.00 | 3762062.00 | 2.45E-04 | 9.57E-06 | 1.70E-06 |
| 370869.00 | 3762082.00 | 4.31E-04 | 5.18E-05 | 5.16E-06 |
| 370889.00 | 3762082.00 | 5.10E-04 | 4.92E-05 | 6.23E-06 |
| 370909.00 | 3762082.00 | 6.07E-04 | 4.69E-05 | 7.53E-06 |
| 370929.00 | 3762082.00 | 7.21E-04 | 4.50E-05 | 8.99E-06 |
| 370949.00 | 3762082.00 | 8.57E-04 | 4.35E-05 | 1.06E-05 |
| 370969.00 | 3762082.00 | 1.01E-03 | 4.22E-05 | 1.20E-05 |
| 370989.00 | 3762082.00 | 1.15E-03 | 4.11E-05 | 1.32E-05 |
| 371009.00 | 3762082.00 | 1.27E-03 | 4.00E-05 | 1.40E-05 |
| 371029.00 | 3762082.00 | 1.35E-03 | 3.89E-05 | 1.43E-05 |
| 371049.00 | 3762082.00 | 1.41E-03 | 3.78E-05 | 1.43E-05 |
| 371069.00 | 3762082.00 | 1.43E-03 | 3.66E-05 | 1.39E-05 |
| 371089.00 | 3762082.00 | 1.41E-03 | 3.53E-05 | 1.32E-05 |
| 371109.00 | 3762082.00 | 1.36E-03 | 3.38E-05 | 1.23E-05 |
| 371129.00 | 3762082.00 | 1.30E-03 | 3.22E-05 | 1.14E-05 |
| 371149.00 | 3762082.00 | 1.22E-03 | 3.06E-05 | 1.04E-05 |
| 371169.00 | 3762082.00 | 1.13E-03 | 2.89E-05 | 9.42E-06 |
| 371189.00 | 3762082.00 | 1.04E-03 | 2.72E-05 | 8.47E-06 |
| 371209.00 | 3762082.00 | 9.46E-04 | 2.54E-05 | 7.59E-06 |
| 371229.00 | 3762082.00 | 8.57E-04 | 2.37E-05 | 6.77E-06 |
| 371249.00 | 3762082.00 | 7.74E-04 | 2.21E-05 | 6.02E-06 |
| 371269.00 | 3762082.00 | 6.96E-04 | 2.05E-05 | 5.35E-06 |
| 371289.00 | 3762082.00 | 6.25E-04 | 1.89E-05 | 4.75E-06 |
| 371309.00 | 3762082.00 | 5.61E-04 | 1.75E-05 | 4.21E-06 |
| 371329.00 | 3762082.00 | 5.02E-04 | 1.62E-05 | 3.74E-06 |
| 371349.00 | 3762082.00 | 4.49E-04 | 1.49E-05 | 3.31E-06 |
| 371369.00 | 3762082.00 | 4.02E-04 | 1.37E-05 | 2.94E-06 |
| 371389.00 | 3762082.00 | 3.61E-04 | 1.27E-05 | 2.63E-06 |
| 371409.00 | 3762082.00 | 3.23E-04 | 1.17E-05 | 2.33E-06 |
| 371429.00 | 3762082.00 | 2.90E-04 | 1.08E-05 | 2.08E-06 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371229.00 | 3762062.00 | 3.07E-07 | 8.40E-09 | 2.34E-09 |
| 371249.00 | 3762062.00 | 2.74E-07 | 7.76E-09 | 2.05E-09 |
| 371269.00 | 3762062.00 | 2.43E-07 | 7.14E-09 | 1.81E-09 |
| 371289.00 | 3762062.00 | 2.16E-07 | 6.57E-09 | 1.59E-09 |
| 371309.00 | 3762062.00 | 1.92E-07 | 6.03E-09 | 1.40E-09 |
| 371329.00 | 3762062.00 | 1.70E-07 | 5.54E-09 | 1.23E-09 |
| 371349.00 | 3762062.00 | 1.51E-07 | 5.08E-09 | 1.08E-09 |
| 371369.00 | 3762062.00 | 1.35E-07 | 4.66E-09 | 9.58E-10 |
| 371389.00 | 3762062.00 | 1.20E-07 | 4.28E-09 | 8.44E-10 |
| 371409.00 | 3762062.00 | 1.07E-07 | 3.93E-09 | 7.49E-10 |
| 371429.00 | 3762062.00 | 9.49E-08 | 3.60E-09 | 6.62E-10 |
| 371449.00 | 3762062.00 | 8.48E-08 | 3.31E-09 | 5.89E-10 |
| 370869.00 | 3762082.00 | 1.49E-07 | 1.79E-08 | 1.79E-09 |
| 370889.00 | 3762082.00 | 1.76E-07 | 1.70E-08 | 2.16E-09 |
| 370909.00 | 3762082.00 | 2.10E-07 | 1.62E-08 | 2.61E-09 |
| 370929.00 | 3762082.00 | 2.49E-07 | 1.56E-08 | 3.11E-09 |
| 370949.00 | 3762082.00 | 2.97E-07 | 1.50E-08 | 3.65E-09 |
| 370969.00 | 3762082.00 | 3.48E-07 | 1.46E-08 | 4.16E-09 |
| 370989.00 | 3762082.00 | 3.97E-07 | 1.42E-08 | 4.57E-09 |
| 371009.00 | 3762082.00 | 4.39E-07 | 1.38E-08 | 4.84E-09 |
| 371029.00 | 3762082.00 | 4.68E-07 | 1.35E-08 | 4.95E-09 |
| 371049.00 | 3762082.00 | 4.88E-07 | 1.31E-08 | 4.94E-09 |
| 371069.00 | 3762082.00 | 4.93E-07 | 1.27E-08 | 4.80E-09 |
| 371089.00 | 3762082.00 | 4.87E-07 | 1.22E-08 | 4.56E-09 |
| 371109.00 | 3762082.00 | 4.72E-07 | 1.17E-08 | 4.27E-09 |
| 371129.00 | 3762082.00 | 4.50E-07 | 1.12E-08 | 3.94E-09 |
| 371149.00 | 3762082.00 | 4.22E-07 | 1.06E-08 | 3.60E-09 |
| 371169.00 | 3762082.00 | 3.91E-07 | 1.00E-08 | 3.26E-09 |
| 371189.00 | 3762082.00 | 3.59E-07 | 9.40E-09 | 2.93E-09 |
| 371209.00 | 3762082.00 | 3.27E-07 | 8.80E-09 | 2.63E-09 |
| 371229.00 | 3762082.00 | 2.97E-07 | 8.21E-09 | 2.34E-09 |
| 371249.00 | 3762082.00 | 2.68E-07 | 7.64E-09 | 2.08E-09 |
| 371269.00 | 3762082.00 | 2.41E-07 | 7.08E-09 | 1.85E-09 |
| 371289.00 | 3762082.00 | 2.16E-07 | 6.56E-09 | 1.64E-09 |
| 371309.00 | 3762082.00 | 1.94E-07 | 6.06E-09 | 1.46E-09 |
| 371329.00 | 3762082.00 | 1.74E-07 | 5.60E-09 | 1.29E-09 |
| 371349.00 | 3762082.00 | 1.55E-07 | 5.16E-09 | 1.14E-09 |
| 371369.00 | 3762082.00 | 1.39E-07 | 4.76E-09 | 1.02E-09 |
| 371389.00 | 3762082.00 | 1.25E-07 | 4.39E-09 | 9.10E-10 |
| 371409.00 | 3762082.00 | 1.12E-07 | 4.04E-09 | 8.08E-10 |
| 371429.00 | 3762082.00 | 1.00E-07 | 3.73E-09 | 7.20E-10 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371449.00 | 3762082.00 | 2.60E-04 | 9.93E-06 | 1.86E-06 |
| 370869.00 | 3762102.00 | 3.60E-04 | 4.81E-05 | 4.20E-06 |
| 370889.00 | 3762102.00 | 4.19E-04 | 4.57E-05 | 4.99E-06 |
| 370909.00 | 3762102.00 | 4.95E-04 | 4.37E-05 | 5.97E-06 |
| 370929.00 | 3762102.00 | 5.84E-04 | 4.19E-05 | 7.07E-06 |
| 370949.00 | 3762102.00 | 6.82E-04 | 4.04E-05 | 8.21E-06 |
| 370969.00 | 3762102.00 | 7.93E-04 | 3.91E-05 | 9.37E-06 |
| 370989.00 | 3762102.00 | 9.09E-04 | 3.80E-05 | 1.04E-05 |
| 371009.00 | 3762102.00 | 1.01E-03 | 3.70E-05 | 1.12E-05 |
| 371029.00 | 3762102.00 | 1.09E-03 | 3.59E-05 | 1.17E-05 |
| 371049.00 | 3762102.00 | 1.15E-03 | 3.49E-05 | 1.19E-05 |
| 371069.00 | 3762102.00 | 1.18E-03 | 3.39E-05 | 1.18E-05 |
| 371089.00 | 3762102.00 | 1.19E-03 | 3.28E-05 | 1.14E-05 |
| 371109.00 | 3762102.00 | 1.17E-03 | 3.16E-05 | 1.09E-05 |
| 371129.00 | 3762102.00 | 1.14E-03 | 3.03E-05 | 1.03E-05 |
| 371149.00 | 3762102.00 | 1.09E-03 | 2.89E-05 | 9.59E-06 |
| 371169.00 | 3762102.00 | 1.03E-03 | 2.75E-05 | 8.84E-06 |
| 371189.00 | 3762102.00 | 9.57E-04 | 2.60E-05 | 8.09E-06 |
| 371209.00 | 3762102.00 | 8.86E-04 | 2.45E-05 | 7.35E-06 |
| 371229.00 | 3762102.00 | 8.15E-04 | 2.30E-05 | 6.65E-06 |
| 371249.00 | 3762102.00 | 7.46E-04 | 2.16E-05 | 5.99E-06 |
| 371269.00 | 3762102.00 | 6.79E-04 | 2.01E-05 | 5.38E-06 |
| 371289.00 | 3762102.00 | 6.16E-04 | 1.88E-05 | 4.83E-06 |
| 371309.00 | 3762102.00 | 5.59E-04 | 1.75E-05 | 4.33E-06 |
| 371329.00 | 3762102.00 | 5.06E-04 | 1.62E-05 | 3.88E-06 |
| 371349.00 | 3762102.00 | 4.56E-04 | 1.50E-05 | 3.47E-06 |
| 371369.00 | 3762102.00 | 4.12E-04 | 1.39E-05 | 3.10E-06 |
| 371389.00 | 3762102.00 | 3.71E-04 | 1.29E-05 | 2.78E-06 |
| 371409.00 | 3762102.00 | 3.35E-04 | 1.19E-05 | 2.49E-06 |
| 371429.00 | 3762102.00 | 3.02E-04 | 1.11E-05 | 2.23E-06 |
| 371449.00 | 3762102.00 | 2.73E-04 | 1.02E-05 | 2.00E-06 |
| 370869.00 | 3762122.00 | 3.04E-04 | 4.47E-05 | 3.47E-06 |
| 370889.00 | 3762122.00 | 3.50E-04 | 4.25E-05 | 4.06E-06 |
| 370909.00 | 3762122.00 | 4.08E-04 | 4.07E-05 | 4.80E-06 |
| 370929.00 | 3762122.00 | 4.79E-04 | 3.91E-05 | 5.65E-06 |
| 370949.00 | 3762122.00 | 5.54E-04 | 3.76E-05 | 6.54E-06 |
| 370969.00 | 3762122.00 | 6.37E-04 | 3.64E-05 | 7.42E-06 |
| 370989.00 | 3762122.00 | 7.29E-04 | 3.53E-05 | 8.31E-06 |
| 371009.00 | 3762122.00 | 8.16E-04 | 3.43E-05 | 9.04E-06 |
| 371029.00 | 3762122.00 | 8.88E-04 | 3.34E-05 | 9.56E-06 |
| 371049.00 | 3762122.00 | 9.43E-04 | 3.25E-05 | 9.85E-06 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371449.00 | 3762082.00 | 9.01E-08 | 3.44E-09 | 6.43E-10 |
| 370869.00 | 3762102.00 | 1.25E-07 | 1.66E-08 | 1.45E-09 |
| 370889.00 | 3762102.00 | 1.45E-07 | 1.58E-08 | 1.73E-09 |
| 370909.00 | 3762102.00 | 1.71E-07 | 1.51E-08 | 2.06E-09 |
| 370929.00 | 3762102.00 | 2.02E-07 | 1.45E-08 | 2.45E-09 |
| 370949.00 | 3762102.00 | 2.36E-07 | 1.40E-08 | 2.84E-09 |
| 370969.00 | 3762102.00 | 2.75E-07 | 1.35E-08 | 3.24E-09 |
| 370989.00 | 3762102.00 | 3.15E-07 | 1.31E-08 | 3.60E-09 |
| 371009.00 | 3762102.00 | 3.50E-07 | 1.28E-08 | 3.88E-09 |
| 371029.00 | 3762102.00 | 3.78E-07 | 1.24E-08 | 4.04E-09 |
| 371049.00 | 3762102.00 | 3.98E-07 | 1.21E-08 | 4.11E-09 |
| 371069.00 | 3762102.00 | 4.09E-07 | 1.17E-08 | 4.07E-09 |
| 371089.00 | 3762102.00 | 4.11E-07 | 1.13E-08 | 3.96E-09 |
| 371109.00 | 3762102.00 | 4.06E-07 | 1.09E-08 | 3.79E-09 |
| 371129.00 | 3762102.00 | 3.94E-07 | 1.05E-08 | 3.57E-09 |
| 371149.00 | 3762102.00 | 3.76E-07 | 1.00E-08 | 3.32E-09 |
| 371169.00 | 3762102.00 | 3.55E-07 | 9.51E-09 | 3.06E-09 |
| 371189.00 | 3762102.00 | 3.31E-07 | 9.00E-09 | 2.80E-09 |
| 371209.00 | 3762102.00 | 3.07E-07 | 8.48E-09 | 2.54E-09 |
| 371229.00 | 3762102.00 | 2.82E-07 | 7.97E-09 | 2.30E-09 |
| 371249.00 | 3762102.00 | 2.58E-07 | 7.47E-09 | 2.07E-09 |
| 371269.00 | 3762102.00 | 2.35E-07 | 6.97E-09 | 1.86E-09 |
| 371289.00 | 3762102.00 | 2.13E-07 | 6.50E-09 | 1.67E-09 |
| 371309.00 | 3762102.00 | 1.93E-07 | 6.04E-09 | 1.50E-09 |
| 371329.00 | 3762102.00 | 1.75E-07 | 5.61E-09 | 1.34E-09 |
| 371349.00 | 3762102.00 | 1.58E-07 | 5.20E-09 | 1.20E-09 |
| 371369.00 | 3762102.00 | 1.42E-07 | 4.82E-09 | 1.07E-09 |
| 371389.00 | 3762102.00 | 1.29E-07 | 4.47E-09 | 9.61E-10 |
| 371409.00 | 3762102.00 | 1.16E-07 | 4.13E-09 | 8.60E-10 |
| 371429.00 | 3762102.00 | 1.05E-07 | 3.83E-09 | 7.71E-10 |
| 371449.00 | 3762102.00 | 9.45E-08 | 3.54E-09 | 6.92E-10 |
| 370869.00 | 3762122.00 | 1.05E-07 | 1.55E-08 | 1.20E-09 |
| 370889.00 | 3762122.00 | 1.21E-07 | 1.47E-08 | 1.41E-09 |
| 370909.00 | 3762122.00 | 1.41E-07 | 1.41E-08 | 1.66E-09 |
| 370929.00 | 3762122.00 | 1.66E-07 | 1.35E-08 | 1.96E-09 |
| 370949.00 | 3762122.00 | 1.92E-07 | 1.30E-08 | 2.26E-09 |
| 370969.00 | 3762122.00 | 2.21E-07 | 1.26E-08 | 2.57E-09 |
| 370989.00 | 3762122.00 | 2.52E-07 | 1.22E-08 | 2.88E-09 |
| 371009.00 | 3762122.00 | 2.83E-07 | 1.19E-08 | 3.13E-09 |
| 371029.00 | 3762122.00 | 3.07E-07 | 1.16E-08 | 3.31E-09 |
| 371049.00 | 3762122.00 | 3.27E-07 | 1.12E-08 | 3.41E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371069.00 | 3762122.00 | 9.82E-04 | 3.15E-05 | 9.94E-06 |
| 371089.00 | 3762122.00 | 1.00E-03 | 3.05E-05 | 9.85E-06 |
| 371109.00 | 3762122.00 | 1.01E-03 | 2.95E-05 | 9.60E-06 |
| 371129.00 | 3762122.00 | 9.93E-04 | 2.84E-05 | 9.22E-06 |
| 371149.00 | 3762122.00 | 9.63E-04 | 2.73E-05 | 8.73E-06 |
| 371169.00 | 3762122.00 | 9.22E-04 | 2.61E-05 | 8.18E-06 |
| 371189.00 | 3762122.00 | 8.74E-04 | 2.48E-05 | 7.60E-06 |
| 371209.00 | 3762122.00 | 8.21E-04 | 2.35E-05 | 7.01E-06 |
| 371229.00 | 3762122.00 | 7.66E-04 | 2.23E-05 | 6.43E-06 |
| 371249.00 | 3762122.00 | 7.09E-04 | 2.10E-05 | 5.86E-06 |
| 371269.00 | 3762122.00 | 6.54E-04 | 1.97E-05 | 5.33E-06 |
| 371289.00 | 3762122.00 | 6.00E-04 | 1.85E-05 | 4.83E-06 |
| 371309.00 | 3762122.00 | 5.49E-04 | 1.73E-05 | 4.38E-06 |
| 371329.00 | 3762122.00 | 5.01E-04 | 1.61E-05 | 3.95E-06 |
| 371349.00 | 3762122.00 | 4.57E-04 | 1.51E-05 | 3.57E-06 |
| 371369.00 | 3762122.00 | 4.15E-04 | 1.40E-05 | 3.21E-06 |
| 371389.00 | 3762122.00 | 3.78E-04 | 1.30E-05 | 2.90E-06 |
| 371409.00 | 3762122.00 | 3.43E-04 | 1.21E-05 | 2.61E-06 |
| 371429.00 | 3762122.00 | 3.11E-04 | 1.13E-05 | 2.35E-06 |
| 371449.00 | 3762122.00 | 2.83E-04 | 1.05E-05 | 2.12E-06 |
| 370869.00 | 3762142.00 | 2.61E-04 | 4.15E-05 | 2.92E-06 |
| 370889.00 | 3762142.00 | 2.96E-04 | 3.96E-05 | 3.36E-06 |
| 370909.00 | 3762142.00 | 3.41E-04 | 3.79E-05 | 3.92E-06 |
| 370929.00 | 3762142.00 | 3.98E-04 | 3.65E-05 | 4.59E-06 |
| 370949.00 | 3762142.00 | 4.58E-04 | 3.51E-05 | 5.29E-06 |
| 370969.00 | 3762142.00 | 5.22E-04 | 3.40E-05 | 5.99E-06 |
| 370989.00 | 3762142.00 | 5.93E-04 | 3.29E-05 | 6.70E-06 |
| 371009.00 | 3762142.00 | 6.67E-04 | 3.20E-05 | 7.36E-06 |
| 371029.00 | 3762142.00 | 7.28E-04 | 3.11E-05 | 7.86E-06 |
| 371049.00 | 3762142.00 | 7.78E-04 | 3.03E-05 | 8.19E-06 |
| 371069.00 | 3762142.00 | 8.20E-04 | 2.94E-05 | 8.40E-06 |
| 371089.00 | 3762142.00 | 8.46E-04 | 2.86E-05 | 8.44E-06 |
| 371109.00 | 3762142.00 | 8.61E-04 | 2.77E-05 | 8.37E-06 |
| 371129.00 | 3762142.00 | 8.62E-04 | 2.68E-05 | 8.17E-06 |
| 371149.00 | 3762142.00 | 8.48E-04 | 2.58E-05 | 7.86E-06 |
| 371169.00 | 3762142.00 | 8.23E-04 | 2.47E-05 | 7.47E-06 |
| 371189.00 | 3762142.00 | 7.91E-04 | 2.37E-05 | 7.04E-06 |
| 371209.00 | 3762142.00 | 7.53E-04 | 2.26E-05 | 6.59E-06 |
| 371229.00 | 3762142.00 | 7.11E-04 | 2.14E-05 | 6.12E-06 |
| 371249.00 | 3762142.00 | 6.67E-04 | 2.03E-05 | 5.66E-06 |
| 371269.00 | 3762142.00 | 6.21E-04 | 1.92E-05 | 5.20E-06 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371069.00 | 3762122.00 | 3.40E-07 | 1.09E-08 | 3.44E-09 |
| 371089.00 | 3762122.00 | 3.47E-07 | 1.06E-08 | 3.41E-09 |
| 371109.00 | 3762122.00 | 3.48E-07 | 1.02E-08 | 3.32E-09 |
| 371129.00 | 3762122.00 | 3.44E-07 | 9.85E-09 | 3.19E-09 |
| 371149.00 | 3762122.00 | 3.33E-07 | 9.45E-09 | 3.02E-09 |
| 371169.00 | 3762122.00 | 3.19E-07 | 9.03E-09 | 2.83E-09 |
| 371189.00 | 3762122.00 | 3.02E-07 | 8.59E-09 | 2.63E-09 |
| 371209.00 | 3762122.00 | 2.84E-07 | 8.15E-09 | 2.43E-09 |
| 371229.00 | 3762122.00 | 2.65E-07 | 7.70E-09 | 2.23E-09 |
| 371249.00 | 3762122.00 | 2.45E-07 | 7.26E-09 | 2.03E-09 |
| 371269.00 | 3762122.00 | 2.26E-07 | 6.82E-09 | 1.85E-09 |
| 371289.00 | 3762122.00 | 2.08E-07 | 6.40E-09 | 1.67E-09 |
| 371309.00 | 3762122.00 | 1.90E-07 | 5.98E-09 | 1.51E-09 |
| 371329.00 | 3762122.00 | 1.73E-07 | 5.59E-09 | 1.37E-09 |
| 371349.00 | 3762122.00 | 1.58E-07 | 5.21E-09 | 1.23E-09 |
| 371369.00 | 3762122.00 | 1.44E-07 | 4.85E-09 | 1.11E-09 |
| 371389.00 | 3762122.00 | 1.31E-07 | 4.52E-09 | 1.00E-09 |
| 371409.00 | 3762122.00 | 1.19E-07 | 4.20E-09 | 9.03E-10 |
| 371429.00 | 3762122.00 | 1.08E-07 | 3.90E-09 | 8.14E-10 |
| 371449.00 | 3762122.00 | 9.79E-08 | 3.63E-09 | 7.34E-10 |
| 370869.00 | 3762142.00 | 9.04E-08 | 1.44E-08 | 1.01E-09 |
| 370889.00 | 3762142.00 | 1.03E-07 | 1.37E-08 | 1.16E-09 |
| 370909.00 | 3762142.00 | 1.18E-07 | 1.31E-08 | 1.36E-09 |
| 370929.00 | 3762142.00 | 1.38E-07 | 1.26E-08 | 1.59E-09 |
| 370949.00 | 3762142.00 | 1.58E-07 | 1.22E-08 | 1.83E-09 |
| 370969.00 | 3762142.00 | 1.81E-07 | 1.18E-08 | 2.07E-09 |
| 370989.00 | 3762142.00 | 2.05E-07 | 1.14E-08 | 2.32E-09 |
| 371009.00 | 3762142.00 | 2.31E-07 | 1.11E-08 | 2.55E-09 |
| 371029.00 | 3762142.00 | 2.52E-07 | 1.08E-08 | 2.72E-09 |
| 371049.00 | 3762142.00 | 2.69E-07 | 1.05E-08 | 2.83E-09 |
| 371069.00 | 3762142.00 | 2.84E-07 | 1.02E-08 | 2.91E-09 |
| 371089.00 | 3762142.00 | 2.93E-07 | 9.89E-09 | 2.92E-09 |
| 371109.00 | 3762142.00 | 2.98E-07 | 9.58E-09 | 2.90E-09 |
| 371129.00 | 3762142.00 | 2.98E-07 | 9.26E-09 | 2.83E-09 |
| 371149.00 | 3762142.00 | 2.94E-07 | 8.92E-09 | 2.72E-09 |
| 371169.00 | 3762142.00 | 2.85E-07 | 8.56E-09 | 2.59E-09 |
| 371189.00 | 3762142.00 | 2.74E-07 | 8.19E-09 | 2.44E-09 |
| 371209.00 | 3762142.00 | 2.61E-07 | 7.81E-09 | 2.28E-09 |
| 371229.00 | 3762142.00 | 2.46E-07 | 7.42E-09 | 2.12E-09 |
| 371249.00 | 3762142.00 | 2.31E-07 | 7.03E-09 | 1.96E-09 |
| 371269.00 | 3762142.00 | 2.15E-07 | 6.65E-09 | 1.80E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371289.00 | 3762142.00 | 5.76E-04 | 1.81E-05 | 4.77E-06 |
| 371309.00 | 3762142.00 | 5.33E-04 | 1.70E-05 | 4.36E-06 |
| 371329.00 | 3762142.00 | 4.91E-04 | 1.60E-05 | 3.97E-06 |
| 371349.00 | 3762142.00 | 4.51E-04 | 1.50E-05 | 3.61E-06 |
| 371369.00 | 3762142.00 | 4.14E-04 | 1.40E-05 | 3.28E-06 |
| 371389.00 | 3762142.00 | 3.79E-04 | 1.31E-05 | 2.98E-06 |
| 371409.00 | 3762142.00 | 3.47E-04 | 1.22E-05 | 2.71E-06 |
| 371429.00 | 3762142.00 | 3.17E-04 | 1.14E-05 | 2.45E-06 |
| 371449.00 | 3762142.00 | 2.89E-04 | 1.07E-05 | 2.22E-06 |
| 370869.00 | 3762162.00 | 2.26E-04 | 3.84E-05 | 2.48E-06 |
| 370889.00 | 3762162.00 | 2.56E-04 | 3.68E-05 | 2.85E-06 |
| 370909.00 | 3762162.00 | 2.91E-04 | 3.53E-05 | 3.28E-06 |
| 370929.00 | 3762162.00 | 3.35E-04 | 3.41E-05 | 3.79E-06 |
| 370949.00 | 3762162.00 | 3.83E-04 | 3.29E-05 | 4.34E-06 |
| 370969.00 | 3762162.00 | 4.33E-04 | 3.18E-05 | 4.89E-06 |
| 370989.00 | 3762162.00 | 4.89E-04 | 3.08E-05 | 5.47E-06 |
| 371009.00 | 3762162.00 | 5.51E-04 | 3.00E-05 | 6.05E-06 |
| 371029.00 | 3762162.00 | 6.03E-04 | 2.91E-05 | 6.50E-06 |
| 371049.00 | 3762162.00 | 6.48E-04 | 2.83E-05 | 6.84E-06 |
| 371069.00 | 3762162.00 | 6.88E-04 | 2.76E-05 | 7.10E-06 |
| 371089.00 | 3762162.00 | 7.17E-04 | 2.68E-05 | 7.23E-06 |
| 371109.00 | 3762162.00 | 7.38E-04 | 2.60E-05 | 7.27E-06 |
| 371129.00 | 3762162.00 | 7.47E-04 | 2.52E-05 | 7.19E-06 |
| 371149.00 | 3762162.00 | 7.44E-04 | 2.43E-05 | 7.02E-06 |
| 371169.00 | 3762162.00 | 7.31E-04 | 2.34E-05 | 6.77E-06 |
| 371189.00 | 3762162.00 | 7.11E-04 | 2.25E-05 | 6.46E-06 |
| 371209.00 | 3762162.00 | 6.85E-04 | 2.16E-05 | 6.13E-06 |
| 371229.00 | 3762162.00 | 6.55E-04 | 2.06E-05 | 5.77E-06 |
| 371249.00 | 3762162.00 | 6.21E-04 | 1.96E-05 | 5.39E-06 |
| 371269.00 | 3762162.00 | 5.85E-04 | 1.86E-05 | 5.01E-06 |
| 371289.00 | 3762162.00 | 5.48E-04 | 1.77E-05 | 4.64E-06 |
| 371309.00 | 3762162.00 | 5.12E-04 | 1.67E-05 | 4.28E-06 |
| 371329.00 | 3762162.00 | 4.76E-04 | 1.57E-05 | 3.94E-06 |
| 371349.00 | 3762162.00 | 4.41E-04 | 1.48E-05 | 3.61E-06 |
| 371369.00 | 3762162.00 | 4.08E-04 | 1.39E-05 | 3.31E-06 |
| 371389.00 | 3762162.00 | 3.76E-04 | 1.31E-05 | 3.03E-06 |
| 371409.00 | 3762162.00 | 3.47E-04 | 1.23E-05 | 2.77E-06 |
| 371429.00 | 3762162.00 | 3.19E-04 | 1.15E-05 | 2.52E-06 |
| 371449.00 | 3762162.00 | 2.93E-04 | 1.08E-05 | 2.30E-06 |
| 370869.00 | 3762182.00 | 1.97E-04 | 3.55E-05 | 2.13E-06 |
| 370889.00 | 3762182.00 | 2.21E-04 | 3.41E-05 | 2.42E-06 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371289.00 | 3762142.00 | 2.00E-07 | 6.27E-09 | 1.65E-09 |
| 371309.00 | 3762142.00 | 1.85E-07 | 5.89E-09 | 1.51E-09 |
| 371329.00 | 3762142.00 | 1.70E-07 | 5.53E-09 | 1.37E-09 |
| 371349.00 | 3762142.00 | 1.56E-07 | 5.19E-09 | 1.25E-09 |
| 371369.00 | 3762142.00 | 1.43E-07 | 4.85E-09 | 1.14E-09 |
| 371389.00 | 3762142.00 | 1.31E-07 | 4.54E-09 | 1.03E-09 |
| 371409.00 | 3762142.00 | 1.20E-07 | 4.24E-09 | 9.36E-10 |
| 371429.00 | 3762142.00 | 1.10E-07 | 3.95E-09 | 8.49E-10 |
| 371449.00 | 3762142.00 | 1.00E-07 | 3.69E-09 | 7.70E-10 |
| 370869.00 | 3762162.00 | 7.83E-08 | 1.33E-08 | 8.60E-10 |
| 370889.00 | 3762162.00 | 8.87E-08 | 1.27E-08 | 9.88E-10 |
| 370909.00 | 3762162.00 | 1.01E-07 | 1.22E-08 | 1.14E-09 |
| 370929.00 | 3762162.00 | 1.16E-07 | 1.18E-08 | 1.31E-09 |
| 370949.00 | 3762162.00 | 1.33E-07 | 1.14E-08 | 1.50E-09 |
| 370969.00 | 3762162.00 | 1.50E-07 | 1.10E-08 | 1.69E-09 |
| 370989.00 | 3762162.00 | 1.69E-07 | 1.07E-08 | 1.89E-09 |
| 371009.00 | 3762162.00 | 1.91E-07 | 1.04E-08 | 2.09E-09 |
| 371029.00 | 3762162.00 | 2.09E-07 | 1.01E-08 | 2.25E-09 |
| 371049.00 | 3762162.00 | 2.24E-07 | 9.81E-09 | 2.37E-09 |
| 371069.00 | 3762162.00 | 2.38E-07 | 9.54E-09 | 2.46E-09 |
| 371089.00 | 3762162.00 | 2.48E-07 | 9.27E-09 | 2.50E-09 |
| 371109.00 | 3762162.00 | 2.55E-07 | 9.00E-09 | 2.51E-09 |
| 371129.00 | 3762162.00 | 2.58E-07 | 8.72E-09 | 2.49E-09 |
| 371149.00 | 3762162.00 | 2.58E-07 | 8.43E-09 | 2.43E-09 |
| 371169.00 | 3762162.00 | 2.53E-07 | 8.12E-09 | 2.34E-09 |
| 371189.00 | 3762162.00 | 2.46E-07 | 7.80E-09 | 2.24E-09 |
| 371209.00 | 3762162.00 | 2.37E-07 | 7.47E-09 | 2.12E-09 |
| 371229.00 | 3762162.00 | 2.27E-07 | 7.13E-09 | 2.00E-09 |
| 371249.00 | 3762162.00 | 2.15E-07 | 6.79E-09 | 1.86E-09 |
| 371269.00 | 3762162.00 | 2.03E-07 | 6.45E-09 | 1.73E-09 |
| 371289.00 | 3762162.00 | 1.90E-07 | 6.11E-09 | 1.61E-09 |
| 371309.00 | 3762162.00 | 1.77E-07 | 5.78E-09 | 1.48E-09 |
| 371329.00 | 3762162.00 | 1.65E-07 | 5.45E-09 | 1.36E-09 |
| 371349.00 | 3762162.00 | 1.53E-07 | 5.13E-09 | 1.25E-09 |
| 371369.00 | 3762162.00 | 1.41E-07 | 4.83E-09 | 1.14E-09 |
| 371389.00 | 3762162.00 | 1.30E-07 | 4.53E-09 | 1.05E-09 |
| 371409.00 | 3762162.00 | 1.20E-07 | 4.25E-09 | 9.58E-10 |
| 371429.00 | 3762162.00 | 1.10E-07 | 3.98E-09 | 8.74E-10 |
| 371449.00 | 3762162.00 | 1.02E-07 | 3.73E-09 | 7.97E-10 |
| 370869.00 | 3762182.00 | 6.82E-08 | 1.23E-08 | 7.37E-10 |
| 370889.00 | 3762182.00 | 7.66E-08 | 1.18E-08 | 8.38E-10 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370909.00 | 3762182.00 | 2.50E-04 | 3.29E-05 | 2.77E-06 |
| 370929.00 | 3762182.00 | 2.85E-04 | 3.18E-05 | 3.17E-06 |
| 370949.00 | 3762182.00 | 3.23E-04 | 3.07E-05 | 3.61E-06 |
| 370969.00 | 3762182.00 | 3.63E-04 | 2.97E-05 | 4.05E-06 |
| 370989.00 | 3762182.00 | 4.07E-04 | 2.88E-05 | 4.51E-06 |
| 371009.00 | 3762182.00 | 4.59E-04 | 2.81E-05 | 5.01E-06 |
| 371029.00 | 3762182.00 | 5.03E-04 | 2.73E-05 | 5.40E-06 |
| 371049.00 | 3762182.00 | 5.42E-04 | 2.66E-05 | 5.73E-06 |
| 371069.00 | 3762182.00 | 5.79E-04 | 2.59E-05 | 6.00E-06 |
| 371089.00 | 3762182.00 | 6.09E-04 | 2.52E-05 | 6.19E-06 |
| 371109.00 | 3762182.00 | 6.32E-04 | 2.45E-05 | 6.29E-06 |
| 371129.00 | 3762182.00 | 6.47E-04 | 2.38E-05 | 6.30E-06 |
| 371149.00 | 3762182.00 | 6.52E-04 | 2.30E-05 | 6.23E-06 |
| 371169.00 | 3762182.00 | 6.47E-04 | 2.22E-05 | 6.08E-06 |
| 371189.00 | 3762182.00 | 6.37E-04 | 2.14E-05 | 5.88E-06 |
| 371209.00 | 3762182.00 | 6.20E-04 | 2.06E-05 | 5.64E-06 |
| 371229.00 | 3762182.00 | 6.00E-04 | 1.98E-05 | 5.37E-06 |
| 371249.00 | 3762182.00 | 5.74E-04 | 1.89E-05 | 5.07E-06 |
| 371269.00 | 3762182.00 | 5.46E-04 | 1.80E-05 | 4.77E-06 |
| 371289.00 | 3762182.00 | 5.17E-04 | 1.72E-05 | 4.46E-06 |
| 371309.00 | 3762182.00 | 4.88E-04 | 1.63E-05 | 4.16E-06 |
| 371329.00 | 3762182.00 | 4.57E-04 | 1.54E-05 | 3.86E-06 |
| 371349.00 | 3762182.00 | 4.27E-04 | 1.46E-05 | 3.57E-06 |
| 371369.00 | 3762182.00 | 3.98E-04 | 1.38E-05 | 3.30E-06 |
| 371389.00 | 3762182.00 | 3.70E-04 | 1.30E-05 | 3.04E-06 |
| 371409.00 | 3762182.00 | 3.43E-04 | 1.23E-05 | 2.79E-06 |
| 371429.00 | 3762182.00 | 3.18E-04 | 1.15E-05 | 2.57E-06 |
| 371449.00 | 3762182.00 | 2.94E-04 | 1.08E-05 | 2.36E-06 |
| 370869.00 | 3762202.00 | 1.72E-04 | 3.26E-05 | 1.83E-06 |
| 370889.00 | 3762202.00 | 1.92E-04 | 3.16E-05 | 2.06E-06 |
| 370909.00 | 3762202.00 | 2.15E-04 | 3.05E-05 | 2.34E-06 |
| 370929.00 | 3762202.00 | 2.44E-04 | 2.96E-05 | 2.67E-06 |
| 370949.00 | 3762202.00 | 2.74E-04 | 2.87E-05 | 3.02E-06 |
| 370969.00 | 3762202.00 | 3.07E-04 | 2.78E-05 | 3.38E-06 |
| 370989.00 | 3762202.00 | 3.44E-04 | 2.70E-05 | 3.76E-06 |
| 371009.00 | 3762202.00 | 3.86E-04 | 2.63E-05 | 4.19E-06 |
| 371029.00 | 3762202.00 | 4.19E-04 | 2.56E-05 | 4.49E-06 |
| 371049.00 | 3762202.00 | 4.59E-04 | 2.50E-05 | 4.84E-06 |
| 371069.00 | 3762202.00 | 4.91E-04 | 2.43E-05 | 5.10E-06 |
| 371089.00 | 3762202.00 | 5.18E-04 | 2.37E-05 | 5.29E-06 |
| 371109.00 | 3762202.00 | 5.43E-04 | 2.31E-05 | 5.44E-06 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370909.00 | 3762182.00 | 8.66E-08 | 1.14E-08 | 9.58E-10 |
| 370929.00 | 3762182.00 | 9.88E-08 | 1.10E-08 | 1.10E-09 |
| 370949.00 | 3762182.00 | 1.12E-07 | 1.06E-08 | 1.25E-09 |
| 370969.00 | 3762182.00 | 1.26E-07 | 1.03E-08 | 1.40E-09 |
| 370989.00 | 3762182.00 | 1.41E-07 | 9.98E-09 | 1.56E-09 |
| 371009.00 | 3762182.00 | 1.59E-07 | 9.72E-09 | 1.74E-09 |
| 371029.00 | 3762182.00 | 1.74E-07 | 9.45E-09 | 1.87E-09 |
| 371049.00 | 3762182.00 | 1.88E-07 | 9.19E-09 | 1.98E-09 |
| 371069.00 | 3762182.00 | 2.01E-07 | 8.95E-09 | 2.08E-09 |
| 371089.00 | 3762182.00 | 2.11E-07 | 8.71E-09 | 2.14E-09 |
| 371109.00 | 3762182.00 | 2.19E-07 | 8.47E-09 | 2.18E-09 |
| 371129.00 | 3762182.00 | 2.24E-07 | 8.23E-09 | 2.18E-09 |
| 371149.00 | 3762182.00 | 2.26E-07 | 7.97E-09 | 2.16E-09 |
| 371169.00 | 3762182.00 | 2.24E-07 | 7.70E-09 | 2.11E-09 |
| 371189.00 | 3762182.00 | 2.20E-07 | 7.42E-09 | 2.04E-09 |
| 371209.00 | 3762182.00 | 2.15E-07 | 7.13E-09 | 1.95E-09 |
| 371229.00 | 3762182.00 | 2.08E-07 | 6.84E-09 | 1.86E-09 |
| 371249.00 | 3762182.00 | 1.99E-07 | 6.54E-09 | 1.76E-09 |
| 371269.00 | 3762182.00 | 1.89E-07 | 6.24E-09 | 1.65E-09 |
| 371289.00 | 3762182.00 | 1.79E-07 | 5.94E-09 | 1.54E-09 |
| 371309.00 | 3762182.00 | 1.69E-07 | 5.64E-09 | 1.44E-09 |
| 371329.00 | 3762182.00 | 1.58E-07 | 5.35E-09 | 1.34E-09 |
| 371349.00 | 3762182.00 | 1.48E-07 | 5.06E-09 | 1.24E-09 |
| 371369.00 | 3762182.00 | 1.38E-07 | 4.78E-09 | 1.14E-09 |
| 371389.00 | 3762182.00 | 1.28E-07 | 4.51E-09 | 1.05E-09 |
| 371409.00 | 3762182.00 | 1.19E-07 | 4.24E-09 | 9.66E-10 |
| 371429.00 | 3762182.00 | 1.10E-07 | 3.99E-09 | 8.89E-10 |
| 371449.00 | 3762182.00 | 1.02E-07 | 3.75E-09 | 8.16E-10 |
| 370869.00 | 3762202.00 | 5.96E-08 | 1.13E-08 | 6.34E-10 |
| 370889.00 | 3762202.00 | 6.63E-08 | 1.09E-08 | 7.15E-10 |
| 370909.00 | 3762202.00 | 7.44E-08 | 1.06E-08 | 8.09E-10 |
| 370929.00 | 3762202.00 | 8.45E-08 | 1.02E-08 | 9.26E-10 |
| 370949.00 | 3762202.00 | 9.49E-08 | 9.92E-09 | 1.04E-09 |
| 370969.00 | 3762202.00 | 1.06E-07 | 9.62E-09 | 1.17E-09 |
| 370989.00 | 3762202.00 | 1.19E-07 | 9.35E-09 | 1.30E-09 |
| 371009.00 | 3762202.00 | 1.34E-07 | 9.11E-09 | 1.45E-09 |
| 371029.00 | 3762202.00 | 1.45E-07 | 8.86E-09 | 1.55E-09 |
| 371049.00 | 3762202.00 | 1.59E-07 | 8.64E-09 | 1.67E-09 |
| 371069.00 | 3762202.00 | 1.70E-07 | 8.42E-09 | 1.76E-09 |
| 371089.00 | 3762202.00 | 1.79E-07 | 8.20E-09 | 1.83E-09 |
| 371109.00 | 3762202.00 | 1.88E-07 | 7.98E-09 | 1.88E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371129.00 | 3762202.00 | 5.60E-04 | 2.24E-05 | 5.51E-06 |
| 371149.00 | 3762202.00 | 5.70E-04 | 2.18E-05 | 5.51E-06 |
| 371169.00 | 3762202.00 | 5.71E-04 | 2.11E-05 | 5.44E-06 |
| 371189.00 | 3762202.00 | 5.68E-04 | 2.04E-05 | 5.32E-06 |
| 371209.00 | 3762202.00 | 5.59E-04 | 1.97E-05 | 5.16E-06 |
| 371229.00 | 3762202.00 | 5.46E-04 | 1.89E-05 | 4.97E-06 |
| 371249.00 | 3762202.00 | 5.27E-04 | 1.82E-05 | 4.74E-06 |
| 371269.00 | 3762202.00 | 5.07E-04 | 1.74E-05 | 4.50E-06 |
| 371289.00 | 3762202.00 | 4.84E-04 | 1.66E-05 | 4.25E-06 |
| 371309.00 | 3762202.00 | 4.61E-04 | 1.59E-05 | 4.00E-06 |
| 371329.00 | 3762202.00 | 4.35E-04 | 1.51E-05 | 3.74E-06 |
| 371349.00 | 3762202.00 | 4.10E-04 | 1.43E-05 | 3.49E-06 |
| 371369.00 | 3762202.00 | 3.85E-04 | 1.36E-05 | 3.25E-06 |
| 371389.00 | 3762202.00 | 3.61E-04 | 1.29E-05 | 3.02E-06 |
| 371409.00 | 3762202.00 | 3.37E-04 | 1.22E-05 | 2.79E-06 |
| 371429.00 | 3762202.00 | 3.14E-04 | 1.15E-05 | 2.58E-06 |
| 371449.00 | 3762202.00 | 2.92E-04 | 1.09E-05 | 2.39E-06 |
| 370869.00 | 3762222.00 | 1.50E-04 | 2.99E-05 | 1.58E-06 |
| 370889.00 | 3762222.00 | 1.66E-04 | 2.91E-05 | 1.77E-06 |
| 370909.00 | 3762222.00 | 1.86E-04 | 2.82E-05 | 1.99E-06 |
| 370929.00 | 3762222.00 | 2.10E-04 | 2.75E-05 | 2.27E-06 |
| 370949.00 | 3762222.00 | 2.34E-04 | 2.67E-05 | 2.54E-06 |
| 370969.00 | 3762222.00 | 2.62E-04 | 2.60E-05 | 2.85E-06 |
| 370989.00 | 3762222.00 | 2.93E-04 | 2.53E-05 | 3.17E-06 |
| 371009.00 | 3762222.00 | 3.28E-04 | 2.47E-05 | 3.52E-06 |
| 371029.00 | 3762222.00 | 3.56E-04 | 2.40E-05 | 3.80E-06 |
| 371049.00 | 3762222.00 | 3.89E-04 | 2.34E-05 | 4.09E-06 |
| 371069.00 | 3762222.00 | 4.19E-04 | 2.29E-05 | 4.35E-06 |
| 371089.00 | 3762222.00 | 4.44E-04 | 2.23E-05 | 4.55E-06 |
| 371109.00 | 3762222.00 | 4.68E-04 | 2.18E-05 | 4.71E-06 |
| 371129.00 | 3762222.00 | 4.87E-04 | 2.12E-05 | 4.82E-06 |
| 371149.00 | 3762222.00 | 4.99E-04 | 2.06E-05 | 4.86E-06 |
| 371169.00 | 3762222.00 | 5.04E-04 | 2.00E-05 | 4.84E-06 |
| 371189.00 | 3762222.00 | 5.06E-04 | 1.94E-05 | 4.79E-06 |
| 371209.00 | 3762222.00 | 5.02E-04 | 1.88E-05 | 4.69E-06 |
| 371229.00 | 3762222.00 | 4.95E-04 | 1.81E-05 | 4.56E-06 |
| 371249.00 | 3762222.00 | 4.82E-04 | 1.74E-05 | 4.39E-06 |
| 371269.00 | 3762222.00 | 4.68E-04 | 1.68E-05 | 4.21E-06 |
| 371289.00 | 3762222.00 | 4.50E-04 | 1.61E-05 | 4.01E-06 |
| 371309.00 | 3762222.00 | 4.32E-04 | 1.54E-05 | 3.81E-06 |
| 371329.00 | 3762222.00 | 4.12E-04 | 1.47E-05 | 3.60E-06 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371129.00 | 3762202.00 | 1.94E-07 | 7.77E-09 | 1.91E-09 |
| 371149.00 | 3762202.00 | 1.97E-07 | 7.54E-09 | 1.91E-09 |
| 371169.00 | 3762202.00 | 1.98E-07 | 7.30E-09 | 1.88E-09 |
| 371189.00 | 3762202.00 | 1.97E-07 | 7.06E-09 | 1.84E-09 |
| 371209.00 | 3762202.00 | 1.94E-07 | 6.81E-09 | 1.79E-09 |
| 371229.00 | 3762202.00 | 1.89E-07 | 6.55E-09 | 1.72E-09 |
| 371249.00 | 3762202.00 | 1.82E-07 | 6.29E-09 | 1.64E-09 |
| 371269.00 | 3762202.00 | 1.75E-07 | 6.02E-09 | 1.56E-09 |
| 371289.00 | 3762202.00 | 1.68E-07 | 5.76E-09 | 1.47E-09 |
| 371309.00 | 3762202.00 | 1.59E-07 | 5.49E-09 | 1.38E-09 |
| 371329.00 | 3762202.00 | 1.51E-07 | 5.23E-09 | 1.30E-09 |
| 371349.00 | 3762202.00 | 1.42E-07 | 4.96E-09 | 1.21E-09 |
| 371369.00 | 3762202.00 | 1.33E-07 | 4.71E-09 | 1.12E-09 |
| 371389.00 | 3762202.00 | 1.25E-07 | 4.46E-09 | 1.04E-09 |
| 371409.00 | 3762202.00 | 1.17E-07 | 4.22E-09 | 9.67E-10 |
| 371429.00 | 3762202.00 | 1.09E-07 | 3.98E-09 | 8.94E-10 |
| 371449.00 | 3762202.00 | 1.01E-07 | 3.76E-09 | 8.26E-10 |
| 370869.00 | 3762222.00 | 5.20E-08 | 1.04E-08 | 5.47E-10 |
| 370889.00 | 3762222.00 | 5.76E-08 | 1.01E-08 | 6.12E-10 |
| 370909.00 | 3762222.00 | 6.42E-08 | 9.78E-09 | 6.89E-10 |
| 370929.00 | 3762222.00 | 7.26E-08 | 9.51E-09 | 7.84E-10 |
| 370949.00 | 3762222.00 | 8.12E-08 | 9.24E-09 | 8.80E-10 |
| 370969.00 | 3762222.00 | 9.08E-08 | 8.99E-09 | 9.86E-10 |
| 370989.00 | 3762222.00 | 1.01E-07 | 8.76E-09 | 1.10E-09 |
| 371009.00 | 3762222.00 | 1.14E-07 | 8.54E-09 | 1.22E-09 |
| 371029.00 | 3762222.00 | 1.23E-07 | 8.32E-09 | 1.31E-09 |
| 371049.00 | 3762222.00 | 1.35E-07 | 8.12E-09 | 1.42E-09 |
| 371069.00 | 3762222.00 | 1.45E-07 | 7.92E-09 | 1.51E-09 |
| 371089.00 | 3762222.00 | 1.54E-07 | 7.72E-09 | 1.57E-09 |
| 371109.00 | 3762222.00 | 1.62E-07 | 7.53E-09 | 1.63E-09 |
| 371129.00 | 3762222.00 | 1.68E-07 | 7.34E-09 | 1.67E-09 |
| 371149.00 | 3762222.00 | 1.73E-07 | 7.14E-09 | 1.68E-09 |
| 371169.00 | 3762222.00 | 1.74E-07 | 6.93E-09 | 1.68E-09 |
| 371189.00 | 3762222.00 | 1.75E-07 | 6.72E-09 | 1.66E-09 |
| 371209.00 | 3762222.00 | 1.74E-07 | 6.50E-09 | 1.62E-09 |
| 371229.00 | 3762222.00 | 1.71E-07 | 6.27E-09 | 1.58E-09 |
| 371249.00 | 3762222.00 | 1.67E-07 | 6.04E-09 | 1.52E-09 |
| 371269.00 | 3762222.00 | 1.62E-07 | 5.81E-09 | 1.46E-09 |
| 371289.00 | 3762222.00 | 1.56E-07 | 5.57E-09 | 1.39E-09 |
| 371309.00 | 3762222.00 | 1.50E-07 | 5.33E-09 | 1.32E-09 |
| 371329.00 | 3762222.00 | 1.43E-07 | 5.09E-09 | 1.24E-09 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371349.00 | 3762222.00 | 3.91E-04 | 1.40E-05 | 3.38E-06 |
| 371369.00 | 3762222.00 | 3.70E-04 | 1.34E-05 | 3.17E-06 |
| 371389.00 | 3762222.00 | 3.49E-04 | 1.27E-05 | 2.97E-06 |
| 371409.00 | 3762222.00 | 3.28E-04 | 1.21E-05 | 2.77E-06 |
| 371429.00 | 3762222.00 | 3.07E-04 | 1.14E-05 | 2.57E-06 |
| 371449.00 | 3762222.00 | 2.88E-04 | 1.08E-05 | 2.39E-06 |
| 370869.00 | 3762242.00 | 1.34E-04 | 2.74E-05 | 1.40E-06 |
| 370889.00 | 3762242.00 | 1.48E-04 | 2.67E-05 | 1.55E-06 |
| 370909.00 | 3762242.00 | 1.64E-04 | 2.61E-05 | 1.74E-06 |
| 370929.00 | 3762242.00 | 1.83E-04 | 2.55E-05 | 1.95E-06 |
| 370949.00 | 3762242.00 | 2.03E-04 | 2.48E-05 | 2.18E-06 |
| 370969.00 | 3762242.00 | 2.27E-04 | 2.42E-05 | 2.43E-06 |
| 370989.00 | 3762242.00 | 2.52E-04 | 2.37E-05 | 2.70E-06 |
| 371009.00 | 3762242.00 | 2.81E-04 | 2.31E-05 | 2.99E-06 |
| 371029.00 | 3762242.00 | 3.06E-04 | 2.26E-05 | 3.24E-06 |
| 371049.00 | 3762242.00 | 3.34E-04 | 2.21E-05 | 3.50E-06 |
| 371069.00 | 3762242.00 | 3.61E-04 | 2.16E-05 | 3.74E-06 |
| 371089.00 | 3762242.00 | 3.85E-04 | 2.11E-05 | 3.94E-06 |
| 371109.00 | 3762242.00 | 4.05E-04 | 2.05E-05 | 4.09E-06 |
| 371129.00 | 3762242.00 | 4.24E-04 | 2.00E-05 | 4.21E-06 |
| 371149.00 | 3762242.00 | 4.37E-04 | 1.95E-05 | 4.29E-06 |
| 371169.00 | 3762242.00 | 4.45E-04 | 1.90E-05 | 4.31E-06 |
| 371189.00 | 3762242.00 | 4.50E-04 | 1.85E-05 | 4.30E-06 |
| 371209.00 | 3762242.00 | 4.50E-04 | 1.79E-05 | 4.24E-06 |
| 371229.00 | 3762242.00 | 4.47E-04 | 1.73E-05 | 4.17E-06 |
| 371249.00 | 3762242.00 | 4.39E-04 | 1.67E-05 | 4.05E-06 |
| 371269.00 | 3762242.00 | 4.29E-04 | 1.61E-05 | 3.91E-06 |
| 371289.00 | 3762242.00 | 4.17E-04 | 1.55E-05 | 3.76E-06 |
| 371309.00 | 3762242.00 | 4.03E-04 | 1.49E-05 | 3.60E-06 |
| 371329.00 | 3762242.00 | 3.87E-04 | 1.43E-05 | 3.43E-06 |
| 371349.00 | 3762242.00 | 3.70E-04 | 1.37E-05 | 3.25E-06 |
| 371369.00 | 3762242.00 | 3.53E-04 | 1.31E-05 | 3.07E-06 |
| 371389.00 | 3762242.00 | 3.35E-04 | 1.25E-05 | 2.89E-06 |
| 371409.00 | 3762242.00 | 3.17E-04 | 1.19E-05 | 2.71E-06 |
| 371429.00 | 3762242.00 | 2.99E-04 | 1.13E-05 | 2.54E-06 |
| 371449.00 | 3762242.00 | 2.82E-04 | 1.07E-05 | 2.38E-06 |
| 370868.00 | 3761881.00 | 1.11E-02 | 1.81E-04 | 3.88E-04 |
| 370873.00 | 3761881.00 | 1.30E-02 | 1.85E-04 | 5.16E-04 |
| 370878.00 | 3761881.00 | 1.54E-02 | 1.89E-04 | 6.94E-04 |
| 370883.00 | 3761881.00 | 1.83E-02 | 1.94E-04 | 9.10E-04 |
| 370888.00 | 3761881.00 | 2.18E-02 | 1.99E-04 | 1.09E-03 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 371349.00 | 3762222.00 | 1.35E-07 | 4.86E-09 | 1.17E-09 |
| 371369.00 | 3762222.00 | 1.28E-07 | 4.62E-09 | 1.10E-09 |
| 371389.00 | 3762222.00 | 1.21E-07 | 4.40E-09 | 1.03E-09 |
| 371409.00 | 3762222.00 | 1.14E-07 | 4.17E-09 | 9.57E-10 |
| 371429.00 | 3762222.00 | 1.06E-07 | 3.95E-09 | 8.91E-10 |
| 371449.00 | 3762222.00 | 9.97E-08 | 3.74E-09 | 8.28E-10 |
| 370869.00 | 3762242.00 | 4.65E-08 | 9.47E-09 | 4.84E-10 |
| 370889.00 | 3762242.00 | 5.12E-08 | 9.25E-09 | 5.38E-10 |
| 370909.00 | 3762242.00 | 5.68E-08 | 9.04E-09 | 6.01E-10 |
| 370929.00 | 3762242.00 | 6.34E-08 | 8.82E-09 | 6.75E-10 |
| 370949.00 | 3762242.00 | 7.04E-08 | 8.60E-09 | 7.54E-10 |
| 370969.00 | 3762242.00 | 7.84E-08 | 8.39E-09 | 8.41E-10 |
| 370989.00 | 3762242.00 | 8.73E-08 | 8.19E-09 | 9.34E-10 |
| 371009.00 | 3762242.00 | 9.72E-08 | 8.01E-09 | 1.04E-09 |
| 371029.00 | 3762242.00 | 1.06E-07 | 7.81E-09 | 1.12E-09 |
| 371049.00 | 3762242.00 | 1.16E-07 | 7.63E-09 | 1.21E-09 |
| 371069.00 | 3762242.00 | 1.25E-07 | 7.46E-09 | 1.29E-09 |
| 371089.00 | 3762242.00 | 1.33E-07 | 7.29E-09 | 1.36E-09 |
| 371109.00 | 3762242.00 | 1.40E-07 | 7.11E-09 | 1.41E-09 |
| 371129.00 | 3762242.00 | 1.47E-07 | 6.94E-09 | 1.46E-09 |
| 371149.00 | 3762242.00 | 1.51E-07 | 6.76E-09 | 1.48E-09 |
| 371169.00 | 3762242.00 | 1.54E-07 | 6.58E-09 | 1.49E-09 |
| 371189.00 | 3762242.00 | 1.56E-07 | 6.39E-09 | 1.49E-09 |
| 371209.00 | 3762242.00 | 1.56E-07 | 6.20E-09 | 1.47E-09 |
| 371229.00 | 3762242.00 | 1.55E-07 | 6.00E-09 | 1.44E-09 |
| 371249.00 | 3762242.00 | 1.52E-07 | 5.79E-09 | 1.40E-09 |
| 371269.00 | 3762242.00 | 1.49E-07 | 5.59E-09 | 1.35E-09 |
| 371289.00 | 3762242.00 | 1.44E-07 | 5.37E-09 | 1.30E-09 |
| 371309.00 | 3762242.00 | 1.40E-07 | 5.17E-09 | 1.25E-09 |
| 371329.00 | 3762242.00 | 1.34E-07 | 4.95E-09 | 1.19E-09 |
| 371349.00 | 3762242.00 | 1.28E-07 | 4.74E-09 | 1.12E-09 |
| 371369.00 | 3762242.00 | 1.22E-07 | 4.53E-09 | 1.06E-09 |
| 371389.00 | 3762242.00 | 1.16E-07 | 4.32E-09 | 1.00E-09 |
| 371409.00 | 3762242.00 | 1.10E-07 | 4.11E-09 | 9.40E-10 |
| 371429.00 | 3762242.00 | 1.04E-07 | 3.91E-09 | 8.80E-10 |
| 371449.00 | 3762242.00 | 9.76E-08 | 3.72E-09 | 8.23E-10 |
| 370868.00 | 3761881.00 | 3.84E-06 | 6.26E-08 | 1.34E-07 |
| 370873.00 | 3761881.00 | 4.51E-06 | 6.40E-08 | 1.78E-07 |
| 370878.00 | 3761881.00 | 5.34E-06 | 6.55E-08 | 2.40E-07 |
| 370883.00 | 3761881.00 | 6.35E-06 | 6.72E-08 | 3.15E-07 |
| 370888.00 | 3761881.00 | 7.55E-06 | 6.90E-08 | 3.78E-07 |

**CONCENTRATIONS**

| z | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370868.00 | 3761886.00 | 9.85E-03 | 1.69E-04 | 3.18E-04 |
| 370873.00 | 3761886.00 | 1.15E-02 | 1.72E-04 | 4.14E-04 |
| 370878.00 | 3761886.00 | 1.35E-02 | 1.75E-04 | 5.47E-04 |
| 370883.00 | 3761886.00 | 1.59E-02 | 1.79E-04 | 7.20E-04 |
| 370888.00 | 3761886.00 | 1.89E-02 | 1.83E-04 | 9.04E-04 |
| 370868.00 | 3761891.00 | 8.70E-03 | 1.59E-04 | 2.59E-04 |
| Spatial Average | | 1.23E-02 | 1.65E-04 | 4.76E-04 |

**3rd Trimester Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 3rd Trimester Dose (mg/kg-day) | | |
| 370868.00 | 3761886.00 | 3.41E-06 | 5.86E-08 | 1.10E-07 |
| 370873.00 | 3761886.00 | 3.97E-06 | 5.95E-08 | 1.43E-07 |
| 370878.00 | 3761886.00 | 4.66E-06 | 6.06E-08 | 1.89E-07 |
| 370883.00 | 3761886.00 | 5.51E-06 | 6.18E-08 | 2.49E-07 |
| 370888.00 | 3761886.00 | 6.54E-06 | 6.32E-08 | 3.13E-07 |
| 370868.00 | 3761891.00 | 3.01E-06 | 5.50E-08 | 8.96E-08 |
| Spatial Average | | 4.25E-06 | 5.71E-08 | 1.65E-07 |

**0<2 Age Bin**

| Parameter | | Age Bins | |
|---|---|---|---|
| | | 3rd Tri | 0 < 2 |
| DBR | Daily Breathing Rate (L/kg (body weight) per day) | 361 | 1090 |
| A | Inhalation absorption factor (default = 1). | 1 | 1 |
| EF | Exposure Frequency unitless (days/days) | 0.96 | 0.96 |
| ED | Exposure Duration (years) | 0.25 | 1.906849315 |
| FAH | Fraction of Time at Home | 1.00 | 1.00 |
| AT | Averaged Exposure Time Period (years) | 70 | 70 |
| ASF | Age Sensitvity Factor | 10 | 10 |
| CF | Conversion Factor | 1.00E-06 | 1.00E-06 |
| **DOSE** | **[= CONC × DBR × A × EF × CF] (mg/kg-day)** | | |
| CPF | Cancer Potency Factor $(mg/kg\text{-}day)^{-1}$ Diesel Particulate Matter | 1.1 | 1.1 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations ($ug/m^3$) | | |
| 370837.00 | 3761841.00 | 1.65E-02 | 2.00E-04 | 1.23E-04 |
| 370842.00 | 3761841.00 | 1.91E-02 | 2.11E-04 | 1.54E-04 |
| 370847.00 | 3761841.00 | 2.22E-02 | 2.26E-04 | 1.96E-04 |
| 370852.00 | 3761841.00 | 2.61E-02 | 2.46E-04 | 2.57E-04 |
| 370857.00 | 3761841.00 | 3.09E-02 | 2.71E-04 | 3.41E-04 |
| 370817.00 | 3761846.00 | 9.88E-03 | 1.74E-04 | 6.09E-05 |
| 370832.00 | 3761846.00 | 1.42E-02 | 1.82E-04 | 1.01E-04 |
| 370837.00 | 3761846.00 | 1.62E-02 | 1.88E-04 | 1.24E-04 |
| 370842.00 | 3761846.00 | 1.88E-02 | 1.97E-04 | 1.55E-04 |
| 370847.00 | 3761846.00 | 2.19E-02 | 2.08E-04 | 1.98E-04 |
| 370852.00 | 3761846.00 | 2.58E-02 | 2.22E-04 | 2.60E-04 |
| 370857.00 | 3761846.00 | 3.06E-02 | 2.39E-04 | 3.47E-04 |
| 370862.00 | 3761846.00 | 3.63E-02 | 2.60E-04 | 4.51E-04 |
| 370797.00 | 3761851.00 | 6.46E-03 | 1.73E-04 | 3.51E-05 |
| 370802.00 | 3761851.00 | 7.10E-03 | 1.70E-04 | 3.96E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370837.00 | 3761841.00 | 1.72E-05 | 2.09E-07 | 1.28E-07 |
| 370842.00 | 3761841.00 | 1.99E-05 | 2.21E-07 | 1.61E-07 |
| 370847.00 | 3761841.00 | 2.32E-05 | 2.36E-07 | 2.05E-07 |
| 370852.00 | 3761841.00 | 2.73E-05 | 2.57E-07 | 2.69E-07 |
| 370857.00 | 3761841.00 | 3.23E-05 | 2.83E-07 | 3.56E-07 |
| 370817.00 | 3761846.00 | 1.03E-05 | 1.82E-07 | 6.36E-08 |
| 370832.00 | 3761846.00 | 1.48E-05 | 1.90E-07 | 1.06E-07 |
| 370837.00 | 3761846.00 | 1.70E-05 | 1.97E-07 | 1.29E-07 |
| 370842.00 | 3761846.00 | 1.97E-05 | 2.06E-07 | 1.62E-07 |
| 370847.00 | 3761846.00 | 2.29E-05 | 2.17E-07 | 2.07E-07 |
| 370852.00 | 3761846.00 | 2.70E-05 | 2.32E-07 | 2.72E-07 |
| 370857.00 | 3761846.00 | 3.20E-05 | 2.50E-07 | 3.63E-07 |
| 370862.00 | 3761846.00 | 3.80E-05 | 2.72E-07 | 4.71E-07 |
| 370797.00 | 3761851.00 | 6.75E-06 | 1.81E-07 | 3.66E-08 |
| 370802.00 | 3761851.00 | 7.42E-06 | 1.78E-07 | 4.14E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370807.00 | 3761851.00 | 7.83E-03 | 1.68E-04 | 4.51E-05 |
| 370812.00 | 3761851.00 | 8.68E-03 | 1.67E-04 | 5.18E-05 |
| 370817.00 | 3761851.00 | 9.67E-03 | 1.66E-04 | 6.00E-05 |
| 370837.00 | 3761851.00 | 1.58E-02 | 1.77E-04 | 1.22E-04 |
| 370842.00 | 3761851.00 | 1.83E-02 | 1.83E-04 | 1.52E-04 |
| 370847.00 | 3761851.00 | 2.13E-02 | 1.91E-04 | 1.94E-04 |
| 370852.00 | 3761851.00 | 2.50E-02 | 2.01E-04 | 2.53E-04 |
| 370857.00 | 3761851.00 | 2.96E-02 | 2.13E-04 | 3.37E-04 |
| 370862.00 | 3761851.00 | 3.51E-02 | 2.28E-04 | 4.48E-04 |
| 370777.00 | 3761856.00 | 4.50E-03 | 1.86E-04 | 2.23E-05 |
| 370782.00 | 3761856.00 | 4.87E-03 | 1.80E-04 | 2.46E-05 |
| 370787.00 | 3761856.00 | 5.29E-03 | 1.75E-04 | 2.73E-05 |
| 370792.00 | 3761856.00 | 5.76E-03 | 1.70E-04 | 3.05E-05 |
| 370797.00 | 3761856.00 | 6.29E-03 | 1.66E-04 | 3.42E-05 |
| 370802.00 | 3761856.00 | 6.91E-03 | 1.63E-04 | 3.87E-05 |
| 370807.00 | 3761856.00 | 7.61E-03 | 1.61E-04 | 4.40E-05 |
| 370812.00 | 3761856.00 | 8.43E-03 | 1.60E-04 | 5.05E-05 |
| 370817.00 | 3761856.00 | 9.38E-03 | 1.59E-04 | 5.84E-05 |
| 370822.00 | 3761856.00 | 1.05E-02 | 1.59E-04 | 6.82E-05 |
| 370837.00 | 3761856.00 | 1.53E-02 | 1.66E-04 | 1.17E-04 |
| 370842.00 | 3761856.00 | 1.76E-02 | 1.71E-04 | 1.45E-04 |
| 370847.00 | 3761856.00 | 2.04E-02 | 1.77E-04 | 1.84E-04 |
| 370852.00 | 3761856.00 | 2.39E-02 | 1.84E-04 | 2.38E-04 |
| 370857.00 | 3761856.00 | 2.82E-02 | 1.92E-04 | 3.14E-04 |
| 370862.00 | 3761856.00 | 3.33E-02 | 2.02E-04 | 4.21E-04 |
| 370867.00 | 3761856.00 | 3.95E-02 | 2.14E-04 | 5.52E-04 |
| 370757.00 | 3761861.00 | 3.28E-03 | 2.13E-04 | 1.51E-05 |
| 370762.00 | 3761861.00 | 3.52E-03 | 2.03E-04 | 1.65E-05 |
| 370767.00 | 3761861.00 | 3.78E-03 | 1.94E-04 | 1.80E-05 |
| 370772.00 | 3761861.00 | 4.06E-03 | 1.87E-04 | 1.97E-05 |
| 370777.00 | 3761861.00 | 4.38E-03 | 1.80E-04 | 2.16E-05 |
| 370782.00 | 3761861.00 | 4.73E-03 | 1.73E-04 | 2.39E-05 |
| 370787.00 | 3761861.00 | 5.14E-03 | 1.68E-04 | 2.65E-05 |
| 370792.00 | 3761861.00 | 5.59E-03 | 1.64E-04 | 2.96E-05 |
| 370797.00 | 3761861.00 | 6.10E-03 | 1.60E-04 | 3.32E-05 |
| 370802.00 | 3761861.00 | 6.69E-03 | 1.57E-04 | 3.74E-05 |
| 370807.00 | 3761861.00 | 7.36E-03 | 1.55E-04 | 4.25E-05 |
| 370812.00 | 3761861.00 | 8.13E-03 | 1.53E-04 | 4.86E-05 |
| 370817.00 | 3761861.00 | 9.03E-03 | 1.52E-04 | 5.61E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370807.00 | 3761851.00 | 8.18E-06 | 1.76E-07 | 4.72E-08 |
| 370812.00 | 3761851.00 | 9.07E-06 | 1.74E-07 | 5.42E-08 |
| 370817.00 | 3761851.00 | 1.01E-05 | 1.74E-07 | 6.28E-08 |
| 370837.00 | 3761851.00 | 1.66E-05 | 1.85E-07 | 1.27E-07 |
| 370842.00 | 3761851.00 | 1.91E-05 | 1.91E-07 | 1.59E-07 |
| 370847.00 | 3761851.00 | 2.23E-05 | 2.00E-07 | 2.02E-07 |
| 370852.00 | 3761851.00 | 2.62E-05 | 2.10E-07 | 2.64E-07 |
| 370857.00 | 3761851.00 | 3.09E-05 | 2.23E-07 | 3.52E-07 |
| 370862.00 | 3761851.00 | 3.67E-05 | 2.38E-07 | 4.68E-07 |
| 370777.00 | 3761856.00 | 4.70E-06 | 1.95E-07 | 2.33E-08 |
| 370782.00 | 3761856.00 | 5.09E-06 | 1.88E-07 | 2.57E-08 |
| 370787.00 | 3761856.00 | 5.53E-06 | 1.83E-07 | 2.86E-08 |
| 370792.00 | 3761856.00 | 6.02E-06 | 1.78E-07 | 3.19E-08 |
| 370797.00 | 3761856.00 | 6.58E-06 | 1.74E-07 | 3.58E-08 |
| 370802.00 | 3761856.00 | 7.22E-06 | 1.71E-07 | 4.04E-08 |
| 370807.00 | 3761856.00 | 7.96E-06 | 1.69E-07 | 4.60E-08 |
| 370812.00 | 3761856.00 | 8.81E-06 | 1.67E-07 | 5.28E-08 |
| 370817.00 | 3761856.00 | 9.80E-06 | 1.66E-07 | 6.10E-08 |
| 370822.00 | 3761856.00 | 1.10E-05 | 1.67E-07 | 7.13E-08 |
| 370837.00 | 3761856.00 | 1.59E-05 | 1.74E-07 | 1.23E-07 |
| 370842.00 | 3761856.00 | 1.84E-05 | 1.79E-07 | 1.52E-07 |
| 370847.00 | 3761856.00 | 2.13E-05 | 1.85E-07 | 1.92E-07 |
| 370852.00 | 3761856.00 | 2.50E-05 | 1.92E-07 | 2.48E-07 |
| 370857.00 | 3761856.00 | 2.94E-05 | 2.01E-07 | 3.29E-07 |
| 370862.00 | 3761856.00 | 3.49E-05 | 2.11E-07 | 4.40E-07 |
| 370867.00 | 3761856.00 | 4.13E-05 | 2.23E-07 | 5.77E-07 |
| 370757.00 | 3761861.00 | 3.43E-06 | 2.23E-07 | 1.58E-08 |
| 370762.00 | 3761861.00 | 3.68E-06 | 2.12E-07 | 1.72E-08 |
| 370767.00 | 3761861.00 | 3.95E-06 | 2.03E-07 | 1.88E-08 |
| 370772.00 | 3761861.00 | 4.24E-06 | 1.95E-07 | 2.06E-08 |
| 370777.00 | 3761861.00 | 4.58E-06 | 1.88E-07 | 2.26E-08 |
| 370782.00 | 3761861.00 | 4.95E-06 | 1.81E-07 | 2.50E-08 |
| 370787.00 | 3761861.00 | 5.37E-06 | 1.76E-07 | 2.77E-08 |
| 370792.00 | 3761861.00 | 5.84E-06 | 1.71E-07 | 3.09E-08 |
| 370797.00 | 3761861.00 | 6.38E-06 | 1.67E-07 | 3.47E-08 |
| 370802.00 | 3761861.00 | 6.99E-06 | 1.64E-07 | 3.91E-08 |
| 370807.00 | 3761861.00 | 7.69E-06 | 1.62E-07 | 4.44E-08 |
| 370812.00 | 3761861.00 | 8.50E-06 | 1.60E-07 | 5.08E-08 |
| 370817.00 | 3761861.00 | 9.44E-06 | 1.59E-07 | 5.87E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370822.00 | 3761861.00 | 1.01E-02 | 1.52E-04 | 6.54E-05 |
| 370842.00 | 3761861.00 | 1.67E-02 | 1.60E-04 | 1.36E-04 |
| 370847.00 | 3761861.00 | 1.93E-02 | 1.64E-04 | 1.71E-04 |
| 370852.00 | 3761861.00 | 2.25E-02 | 1.69E-04 | 2.18E-04 |
| 370857.00 | 3761861.00 | 2.64E-02 | 1.75E-04 | 2.86E-04 |
| 370862.00 | 3761861.00 | 3.11E-02 | 1.82E-04 | 3.82E-04 |
| 370867.00 | 3761861.00 | 3.69E-02 | 1.90E-04 | 5.14E-04 |
| 370872.00 | 3761861.00 | 4.37E-02 | 2.00E-04 | 6.61E-04 |
| 370757.00 | 3761866.00 | 3.19E-03 | 2.04E-04 | 1.47E-05 |
| 370762.00 | 3761866.00 | 3.42E-03 | 1.95E-04 | 1.60E-05 |
| 370767.00 | 3761866.00 | 3.67E-03 | 1.87E-04 | 1.74E-05 |
| 370772.00 | 3761866.00 | 3.94E-03 | 1.80E-04 | 1.91E-05 |
| 370777.00 | 3761866.00 | 4.24E-03 | 1.73E-04 | 2.09E-05 |
| 370782.00 | 3761866.00 | 4.58E-03 | 1.67E-04 | 2.31E-05 |
| 370787.00 | 3761866.00 | 4.97E-03 | 1.62E-04 | 2.56E-05 |
| 370792.00 | 3761866.00 | 5.40E-03 | 1.58E-04 | 2.85E-05 |
| 370797.00 | 3761866.00 | 5.88E-03 | 1.54E-04 | 3.19E-05 |
| 370802.00 | 3761866.00 | 6.44E-03 | 1.51E-04 | 3.59E-05 |
| 370807.00 | 3761866.00 | 7.07E-03 | 1.49E-04 | 4.07E-05 |
| 370812.00 | 3761866.00 | 7.80E-03 | 1.47E-04 | 4.64E-05 |
| 370817.00 | 3761866.00 | 8.65E-03 | 1.46E-04 | 5.34E-05 |
| 370822.00 | 3761866.00 | 9.63E-03 | 1.45E-04 | 6.20E-05 |
| 370842.00 | 3761866.00 | 1.57E-02 | 1.50E-04 | 1.26E-04 |
| 370847.00 | 3761866.00 | 1.81E-02 | 1.53E-04 | 1.56E-04 |
| 370852.00 | 3761866.00 | 2.09E-02 | 1.57E-04 | 1.97E-04 |
| 370857.00 | 3761866.00 | 2.44E-02 | 1.61E-04 | 2.55E-04 |
| 370862.00 | 3761866.00 | 2.87E-02 | 1.66E-04 | 3.37E-04 |
| 370867.00 | 3761866.00 | 3.39E-02 | 1.72E-04 | 4.55E-04 |
| 370872.00 | 3761866.00 | 4.03E-02 | 1.79E-04 | 6.11E-04 |
| 370757.00 | 3761871.00 | 3.10E-03 | 1.97E-04 | 1.42E-05 |
| 370762.00 | 3761871.00 | 3.31E-03 | 1.88E-04 | 1.54E-05 |
| 370767.00 | 3761871.00 | 3.55E-03 | 1.80E-04 | 1.68E-05 |
| 370772.00 | 3761871.00 | 3.81E-03 | 1.73E-04 | 1.84E-05 |
| 370777.00 | 3761871.00 | 4.10E-03 | 1.67E-04 | 2.02E-05 |
| 370782.00 | 3761871.00 | 4.42E-03 | 1.61E-04 | 2.22E-05 |
| 370787.00 | 3761871.00 | 4.78E-03 | 1.56E-04 | 2.45E-05 |
| 370792.00 | 3761871.00 | 5.19E-03 | 1.52E-04 | 2.73E-05 |
| 370797.00 | 3761871.00 | 5.65E-03 | 1.48E-04 | 3.04E-05 |
| 370802.00 | 3761871.00 | 6.17E-03 | 1.45E-04 | 3.42E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370822.00 | 3761861.00 | 1.05E-05 | 1.59E-07 | 6.84E-08 |
| 370842.00 | 3761861.00 | 1.74E-05 | 1.67E-07 | 1.42E-07 |
| 370847.00 | 3761861.00 | 2.02E-05 | 1.72E-07 | 1.78E-07 |
| 370852.00 | 3761861.00 | 2.35E-05 | 1.77E-07 | 2.28E-07 |
| 370857.00 | 3761861.00 | 2.76E-05 | 1.83E-07 | 2.99E-07 |
| 370862.00 | 3761861.00 | 3.26E-05 | 1.90E-07 | 3.99E-07 |
| 370867.00 | 3761861.00 | 3.86E-05 | 1.99E-07 | 5.37E-07 |
| 370872.00 | 3761861.00 | 4.56E-05 | 2.09E-07 | 6.91E-07 |
| 370757.00 | 3761866.00 | 3.34E-06 | 2.14E-07 | 1.54E-08 |
| 370762.00 | 3761866.00 | 3.57E-06 | 2.04E-07 | 1.67E-08 |
| 370767.00 | 3761866.00 | 3.83E-06 | 1.96E-07 | 1.82E-08 |
| 370772.00 | 3761866.00 | 4.12E-06 | 1.88E-07 | 1.99E-08 |
| 370777.00 | 3761866.00 | 4.44E-06 | 1.81E-07 | 2.19E-08 |
| 370782.00 | 3761866.00 | 4.79E-06 | 1.75E-07 | 2.41E-08 |
| 370787.00 | 3761866.00 | 5.19E-06 | 1.69E-07 | 2.67E-08 |
| 370792.00 | 3761866.00 | 5.64E-06 | 1.65E-07 | 2.98E-08 |
| 370797.00 | 3761866.00 | 6.15E-06 | 1.61E-07 | 3.33E-08 |
| 370802.00 | 3761866.00 | 6.73E-06 | 1.58E-07 | 3.75E-08 |
| 370807.00 | 3761866.00 | 7.39E-06 | 1.55E-07 | 4.25E-08 |
| 370812.00 | 3761866.00 | 8.15E-06 | 1.54E-07 | 4.85E-08 |
| 370817.00 | 3761866.00 | 9.04E-06 | 1.52E-07 | 5.58E-08 |
| 370822.00 | 3761866.00 | 1.01E-05 | 1.52E-07 | 6.48E-08 |
| 370842.00 | 3761866.00 | 1.64E-05 | 1.57E-07 | 1.31E-07 |
| 370847.00 | 3761866.00 | 1.89E-05 | 1.60E-07 | 1.63E-07 |
| 370852.00 | 3761866.00 | 2.19E-05 | 1.64E-07 | 2.06E-07 |
| 370857.00 | 3761866.00 | 2.55E-05 | 1.68E-07 | 2.66E-07 |
| 370862.00 | 3761866.00 | 3.00E-05 | 1.73E-07 | 3.53E-07 |
| 370867.00 | 3761866.00 | 3.55E-05 | 1.79E-07 | 4.76E-07 |
| 370872.00 | 3761866.00 | 4.21E-05 | 1.87E-07 | 6.39E-07 |
| 370757.00 | 3761871.00 | 3.24E-06 | 2.05E-07 | 1.49E-08 |
| 370762.00 | 3761871.00 | 3.46E-06 | 1.96E-07 | 1.61E-08 |
| 370767.00 | 3761871.00 | 3.71E-06 | 1.88E-07 | 1.76E-08 |
| 370772.00 | 3761871.00 | 3.98E-06 | 1.81E-07 | 1.92E-08 |
| 370777.00 | 3761871.00 | 4.28E-06 | 1.74E-07 | 2.11E-08 |
| 370782.00 | 3761871.00 | 4.62E-06 | 1.68E-07 | 2.32E-08 |
| 370787.00 | 3761871.00 | 5.00E-06 | 1.63E-07 | 2.56E-08 |
| 370792.00 | 3761871.00 | 5.43E-06 | 1.59E-07 | 2.85E-08 |
| 370797.00 | 3761871.00 | 5.90E-06 | 1.55E-07 | 3.18E-08 |
| 370802.00 | 3761871.00 | 6.45E-06 | 1.52E-07 | 3.57E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370807.00 | 3761871.00 | 6.76E-03 | 1.43E-04 | 3.86E-05 |
| 370812.00 | 3761871.00 | 7.44E-03 | 1.41E-04 | 4.39E-05 |
| 370817.00 | 3761871.00 | 8.23E-03 | 1.40E-04 | 5.03E-05 |
| 370822.00 | 3761871.00 | 9.14E-03 | 1.39E-04 | 5.81E-05 |
| 370827.00 | 3761871.00 | 1.02E-02 | 1.39E-04 | 6.77E-05 |
| 370847.00 | 3761871.00 | 1.68E-02 | 1.43E-04 | 1.40E-04 |
| 370852.00 | 3761871.00 | 1.93E-02 | 1.46E-04 | 1.75E-04 |
| 370857.00 | 3761871.00 | 2.24E-02 | 1.49E-04 | 2.24E-04 |
| 370862.00 | 3761871.00 | 2.62E-02 | 1.53E-04 | 2.92E-04 |
| 370867.00 | 3761871.00 | 3.08E-02 | 1.57E-04 | 3.91E-04 |
| 370872.00 | 3761871.00 | 3.65E-02 | 1.62E-04 | 5.31E-04 |
| 370877.00 | 3761871.00 | 4.34E-02 | 1.67E-04 | 7.04E-04 |
| 370757.00 | 3761876.00 | 3.00E-03 | 1.89E-04 | 1.37E-05 |
| 370762.00 | 3761876.00 | 3.20E-03 | 1.81E-04 | 1.49E-05 |
| 370767.00 | 3761876.00 | 3.43E-03 | 1.73E-04 | 1.62E-05 |
| 370772.00 | 3761876.00 | 3.67E-03 | 1.67E-04 | 1.76E-05 |
| 370777.00 | 3761876.00 | 3.95E-03 | 1.61E-04 | 1.93E-05 |
| 370782.00 | 3761876.00 | 4.25E-03 | 1.55E-04 | 2.12E-05 |
| 370787.00 | 3761876.00 | 4.59E-03 | 1.51E-04 | 2.34E-05 |
| 370792.00 | 3761876.00 | 4.97E-03 | 1.47E-04 | 2.59E-05 |
| 370797.00 | 3761876.00 | 5.40E-03 | 1.43E-04 | 2.89E-05 |
| 370802.00 | 3761876.00 | 5.89E-03 | 1.40E-04 | 3.23E-05 |
| 370807.00 | 3761876.00 | 6.44E-03 | 1.38E-04 | 3.64E-05 |
| 370812.00 | 3761876.00 | 7.07E-03 | 1.36E-04 | 4.12E-05 |
| 370817.00 | 3761876.00 | 7.79E-03 | 1.34E-04 | 4.70E-05 |
| 370822.00 | 3761876.00 | 8.62E-03 | 1.33E-04 | 5.40E-05 |
| 370827.00 | 3761876.00 | 9.59E-03 | 1.33E-04 | 6.26E-05 |
| 370847.00 | 3761876.00 | 1.54E-02 | 1.35E-04 | 1.25E-04 |
| 370852.00 | 3761876.00 | 1.77E-02 | 1.37E-04 | 1.54E-04 |
| 370857.00 | 3761876.00 | 2.04E-02 | 1.39E-04 | 1.94E-04 |
| 370862.00 | 3761876.00 | 2.37E-02 | 1.41E-04 | 2.49E-04 |
| 370867.00 | 3761876.00 | 2.77E-02 | 1.44E-04 | 3.29E-04 |
| 370872.00 | 3761876.00 | 3.27E-02 | 1.48E-04 | 4.43E-04 |
| 370877.00 | 3761876.00 | 3.88E-02 | 1.52E-04 | 6.00E-04 |
| 370882.00 | 3761876.00 | 4.63E-02 | 1.57E-04 | 7.72E-04 |
| 370757.00 | 3761881.00 | 2.90E-03 | 1.82E-04 | 1.32E-05 |
| 370762.00 | 3761881.00 | 3.09E-03 | 1.74E-04 | 1.43E-05 |
| 370767.00 | 3761881.00 | 3.30E-03 | 1.67E-04 | 1.55E-05 |
| 370772.00 | 3761881.00 | 3.53E-03 | 1.61E-04 | 1.69E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370807.00 | 3761871.00 | 7.07E-06 | 1.49E-07 | 4.04E-08 |
| 370812.00 | 3761871.00 | 7.78E-06 | 1.47E-07 | 4.59E-08 |
| 370817.00 | 3761871.00 | 8.60E-06 | 1.46E-07 | 5.26E-08 |
| 370822.00 | 3761871.00 | 9.55E-06 | 1.45E-07 | 6.08E-08 |
| 370827.00 | 3761871.00 | 1.07E-05 | 1.45E-07 | 7.08E-08 |
| 370847.00 | 3761871.00 | 1.75E-05 | 1.50E-07 | 1.47E-07 |
| 370852.00 | 3761871.00 | 2.02E-05 | 1.53E-07 | 1.83E-07 |
| 370857.00 | 3761871.00 | 2.34E-05 | 1.56E-07 | 2.34E-07 |
| 370862.00 | 3761871.00 | 2.74E-05 | 1.60E-07 | 3.05E-07 |
| 370867.00 | 3761871.00 | 3.22E-05 | 1.64E-07 | 4.09E-07 |
| 370872.00 | 3761871.00 | 3.81E-05 | 1.69E-07 | 5.55E-07 |
| 370877.00 | 3761871.00 | 4.54E-05 | 1.75E-07 | 7.36E-07 |
| 370757.00 | 3761876.00 | 3.13E-06 | 1.98E-07 | 1.43E-08 |
| 370762.00 | 3761876.00 | 3.35E-06 | 1.89E-07 | 1.55E-08 |
| 370767.00 | 3761876.00 | 3.58E-06 | 1.81E-07 | 1.69E-08 |
| 370772.00 | 3761876.00 | 3.84E-06 | 1.74E-07 | 1.84E-08 |
| 370777.00 | 3761876.00 | 4.13E-06 | 1.68E-07 | 2.02E-08 |
| 370782.00 | 3761876.00 | 4.44E-06 | 1.62E-07 | 2.22E-08 |
| 370787.00 | 3761876.00 | 4.80E-06 | 1.57E-07 | 2.45E-08 |
| 370792.00 | 3761876.00 | 5.20E-06 | 1.53E-07 | 2.71E-08 |
| 370797.00 | 3761876.00 | 5.65E-06 | 1.50E-07 | 3.02E-08 |
| 370802.00 | 3761876.00 | 6.16E-06 | 1.46E-07 | 3.38E-08 |
| 370807.00 | 3761876.00 | 6.73E-06 | 1.44E-07 | 3.81E-08 |
| 370812.00 | 3761876.00 | 7.39E-06 | 1.42E-07 | 4.31E-08 |
| 370817.00 | 3761876.00 | 8.14E-06 | 1.40E-07 | 4.91E-08 |
| 370822.00 | 3761876.00 | 9.01E-06 | 1.39E-07 | 5.65E-08 |
| 370827.00 | 3761876.00 | 1.00E-05 | 1.39E-07 | 6.54E-08 |
| 370847.00 | 3761876.00 | 1.61E-05 | 1.41E-07 | 1.31E-07 |
| 370852.00 | 3761876.00 | 1.85E-05 | 1.43E-07 | 1.61E-07 |
| 370857.00 | 3761876.00 | 2.13E-05 | 1.45E-07 | 2.02E-07 |
| 370862.00 | 3761876.00 | 2.48E-05 | 1.48E-07 | 2.61E-07 |
| 370867.00 | 3761876.00 | 2.90E-05 | 1.51E-07 | 3.44E-07 |
| 370872.00 | 3761876.00 | 3.42E-05 | 1.54E-07 | 4.63E-07 |
| 370877.00 | 3761876.00 | 4.06E-05 | 1.59E-07 | 6.27E-07 |
| 370882.00 | 3761876.00 | 4.84E-05 | 1.64E-07 | 8.07E-07 |
| 370757.00 | 3761881.00 | 3.03E-06 | 1.90E-07 | 1.38E-08 |
| 370762.00 | 3761881.00 | 3.23E-06 | 1.82E-07 | 1.49E-08 |
| 370767.00 | 3761881.00 | 3.45E-06 | 1.75E-07 | 1.62E-08 |
| 370772.00 | 3761881.00 | 3.69E-06 | 1.68E-07 | 1.76E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370777.00 | 3761881.00 | 3.79E-03 | 1.55E-04 | 1.84E-05 |
| 370782.00 | 3761881.00 | 4.08E-03 | 1.50E-04 | 2.02E-05 |
| 370787.00 | 3761881.00 | 4.40E-03 | 1.45E-04 | 2.22E-05 |
| 370792.00 | 3761881.00 | 4.75E-03 | 1.41E-04 | 2.46E-05 |
| 370797.00 | 3761881.00 | 5.15E-03 | 1.38E-04 | 2.73E-05 |
| 370802.00 | 3761881.00 | 5.60E-03 | 1.35E-04 | 3.04E-05 |
| 370807.00 | 3761881.00 | 6.11E-03 | 1.33E-04 | 3.41E-05 |
| 370812.00 | 3761881.00 | 6.69E-03 | 1.30E-04 | 3.85E-05 |
| 370817.00 | 3761881.00 | 7.35E-03 | 1.29E-04 | 4.36E-05 |
| 370822.00 | 3761881.00 | 8.10E-03 | 1.28E-04 | 4.98E-05 |
| 370827.00 | 3761881.00 | 8.97E-03 | 1.27E-04 | 5.74E-05 |
| 370832.00 | 3761881.00 | 9.98E-03 | 1.26E-04 | 6.66E-05 |
| 370852.00 | 3761881.00 | 1.61E-02 | 1.29E-04 | 1.34E-04 |
| 370857.00 | 3761881.00 | 1.85E-02 | 1.30E-04 | 1.66E-04 |
| 370862.00 | 3761881.00 | 2.13E-02 | 1.32E-04 | 2.11E-04 |
| 370867.00 | 3761881.00 | 2.48E-02 | 1.34E-04 | 2.73E-04 |
| 370872.00 | 3761881.00 | 2.90E-02 | 1.36E-04 | 3.62E-04 |
| 370877.00 | 3761881.00 | 3.43E-02 | 1.39E-04 | 4.87E-04 |
| 370882.00 | 3761881.00 | 4.07E-02 | 1.43E-04 | 6.45E-04 |
| 370887.00 | 3761881.00 | 4.85E-02 | 1.47E-04 | 7.91E-04 |
| 370757.00 | 3761886.00 | 2.79E-03 | 1.75E-04 | 1.26E-05 |
| 370762.00 | 3761886.00 | 2.97E-03 | 1.68E-04 | 1.36E-05 |
| 370767.00 | 3761886.00 | 3.17E-03 | 1.61E-04 | 1.48E-05 |
| 370772.00 | 3761886.00 | 3.39E-03 | 1.55E-04 | 1.61E-05 |
| 370777.00 | 3761886.00 | 3.63E-03 | 1.49E-04 | 1.75E-05 |
| 370782.00 | 3761886.00 | 3.90E-03 | 1.45E-04 | 1.92E-05 |
| 370787.00 | 3761886.00 | 4.20E-03 | 1.40E-04 | 2.10E-05 |
| 370792.00 | 3761886.00 | 4.53E-03 | 1.37E-04 | 2.32E-05 |
| 370797.00 | 3761886.00 | 4.89E-03 | 1.33E-04 | 2.56E-05 |
| 370802.00 | 3761886.00 | 5.31E-03 | 1.30E-04 | 2.85E-05 |
| 370807.00 | 3761886.00 | 5.77E-03 | 1.28E-04 | 3.18E-05 |
| 370812.00 | 3761886.00 | 6.30E-03 | 1.26E-04 | 3.57E-05 |
| 370817.00 | 3761886.00 | 6.90E-03 | 1.24E-04 | 4.03E-05 |
| 370822.00 | 3761886.00 | 7.58E-03 | 1.22E-04 | 4.57E-05 |
| 370827.00 | 3761886.00 | 8.36E-03 | 1.21E-04 | 5.22E-05 |
| 370832.00 | 3761886.00 | 9.27E-03 | 1.21E-04 | 6.02E-05 |
| 370837.00 | 3761886.00 | 1.03E-02 | 1.20E-04 | 6.99E-05 |
| 370857.00 | 3761886.00 | 1.66E-02 | 1.22E-04 | 1.42E-04 |
| 370862.00 | 3761886.00 | 1.91E-02 | 1.24E-04 | 1.77E-04 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370777.00 | 3761881.00 | 3.96E-06 | 1.62E-07 | 1.93E-08 |
| 370782.00 | 3761881.00 | 4.26E-06 | 1.57E-07 | 2.11E-08 |
| 370787.00 | 3761881.00 | 4.59E-06 | 1.52E-07 | 2.32E-08 |
| 370792.00 | 3761881.00 | 4.97E-06 | 1.48E-07 | 2.57E-08 |
| 370797.00 | 3761881.00 | 5.38E-06 | 1.44E-07 | 2.85E-08 |
| 370802.00 | 3761881.00 | 5.85E-06 | 1.41E-07 | 3.18E-08 |
| 370807.00 | 3761881.00 | 6.38E-06 | 1.39E-07 | 3.57E-08 |
| 370812.00 | 3761881.00 | 6.99E-06 | 1.36E-07 | 4.02E-08 |
| 370817.00 | 3761881.00 | 7.68E-06 | 1.35E-07 | 4.56E-08 |
| 370822.00 | 3761881.00 | 8.47E-06 | 1.33E-07 | 5.21E-08 |
| 370827.00 | 3761881.00 | 9.38E-06 | 1.33E-07 | 5.99E-08 |
| 370832.00 | 3761881.00 | 1.04E-05 | 1.32E-07 | 6.96E-08 |
| 370852.00 | 3761881.00 | 1.68E-05 | 1.34E-07 | 1.40E-07 |
| 370857.00 | 3761881.00 | 1.93E-05 | 1.36E-07 | 1.74E-07 |
| 370862.00 | 3761881.00 | 2.23E-05 | 1.38E-07 | 2.20E-07 |
| 370867.00 | 3761881.00 | 2.59E-05 | 1.40E-07 | 2.86E-07 |
| 370872.00 | 3761881.00 | 3.03E-05 | 1.42E-07 | 3.78E-07 |
| 370877.00 | 3761881.00 | 3.58E-05 | 1.46E-07 | 5.09E-07 |
| 370882.00 | 3761881.00 | 4.26E-05 | 1.50E-07 | 6.74E-07 |
| 370887.00 | 3761881.00 | 5.07E-05 | 1.54E-07 | 8.27E-07 |
| 370757.00 | 3761886.00 | 2.92E-06 | 1.83E-07 | 1.32E-08 |
| 370762.00 | 3761886.00 | 3.11E-06 | 1.75E-07 | 1.43E-08 |
| 370767.00 | 3761886.00 | 3.31E-06 | 1.68E-07 | 1.55E-08 |
| 370772.00 | 3761886.00 | 3.54E-06 | 1.62E-07 | 1.68E-08 |
| 370777.00 | 3761886.00 | 3.80E-06 | 1.56E-07 | 1.83E-08 |
| 370782.00 | 3761886.00 | 4.08E-06 | 1.51E-07 | 2.00E-08 |
| 370787.00 | 3761886.00 | 4.39E-06 | 1.47E-07 | 2.20E-08 |
| 370792.00 | 3761886.00 | 4.73E-06 | 1.43E-07 | 2.42E-08 |
| 370797.00 | 3761886.00 | 5.12E-06 | 1.39E-07 | 2.68E-08 |
| 370802.00 | 3761886.00 | 5.55E-06 | 1.36E-07 | 2.98E-08 |
| 370807.00 | 3761886.00 | 6.04E-06 | 1.34E-07 | 3.32E-08 |
| 370812.00 | 3761886.00 | 6.59E-06 | 1.31E-07 | 3.73E-08 |
| 370817.00 | 3761886.00 | 7.21E-06 | 1.29E-07 | 4.21E-08 |
| 370822.00 | 3761886.00 | 7.92E-06 | 1.28E-07 | 4.78E-08 |
| 370827.00 | 3761886.00 | 8.74E-06 | 1.27E-07 | 5.46E-08 |
| 370832.00 | 3761886.00 | 9.68E-06 | 1.26E-07 | 6.29E-08 |
| 370837.00 | 3761886.00 | 1.08E-05 | 1.26E-07 | 7.30E-08 |
| 370857.00 | 3761886.00 | 1.74E-05 | 1.28E-07 | 1.48E-07 |
| 370862.00 | 3761886.00 | 1.99E-05 | 1.29E-07 | 1.85E-07 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370867.00 | 3761886.00 | 2.20E-02 | 1.25E-04 | 2.25E-04 |
| 370872.00 | 3761886.00 | 2.56E-02 | 1.27E-04 | 2.92E-04 |
| 370877.00 | 3761886.00 | 3.00E-02 | 1.29E-04 | 3.85E-04 |
| 370882.00 | 3761886.00 | 3.54E-02 | 1.32E-04 | 5.08E-04 |
| 370887.00 | 3761886.00 | 4.20E-02 | 1.35E-04 | 6.48E-04 |
| 370762.00 | 3761891.00 | 2.85E-03 | 1.62E-04 | 1.30E-05 |
| 370767.00 | 3761891.00 | 3.04E-03 | 1.55E-04 | 1.41E-05 |
| 370772.00 | 3761891.00 | 3.25E-03 | 1.50E-04 | 1.53E-05 |
| 370777.00 | 3761891.00 | 3.47E-03 | 1.44E-04 | 1.66E-05 |
| 370782.00 | 3761891.00 | 3.72E-03 | 1.40E-04 | 1.81E-05 |
| 370787.00 | 3761891.00 | 4.00E-03 | 1.36E-04 | 1.98E-05 |
| 370792.00 | 3761891.00 | 4.30E-03 | 1.32E-04 | 2.18E-05 |
| 370797.00 | 3761891.00 | 4.64E-03 | 1.29E-04 | 2.40E-05 |
| 370802.00 | 3761891.00 | 5.02E-03 | 1.26E-04 | 2.65E-05 |
| 370807.00 | 3761891.00 | 5.44E-03 | 1.23E-04 | 2.95E-05 |
| 370812.00 | 3761891.00 | 5.92E-03 | 1.21E-04 | 3.29E-05 |
| 370817.00 | 3761891.00 | 6.46E-03 | 1.19E-04 | 3.70E-05 |
| 370822.00 | 3761891.00 | 7.07E-03 | 1.18E-04 | 4.17E-05 |
| 370827.00 | 3761891.00 | 7.77E-03 | 1.17E-04 | 4.74E-05 |
| 370832.00 | 3761891.00 | 8.57E-03 | 1.16E-04 | 5.41E-05 |
| 370837.00 | 3761891.00 | 9.49E-03 | 1.15E-04 | 6.23E-05 |
| 370842.00 | 3761891.00 | 1.05E-02 | 1.15E-04 | 7.23E-05 |
| 370857.00 | 3761891.00 | 1.49E-02 | 1.16E-04 | 1.21E-04 |
| 370862.00 | 3761891.00 | 1.70E-02 | 1.16E-04 | 1.48E-04 |
| 370867.00 | 3761891.00 | 1.95E-02 | 1.18E-04 | 1.84E-04 |
| 370872.00 | 3761891.00 | 2.24E-02 | 1.19E-04 | 2.33E-04 |
| 370877.00 | 3761891.00 | 2.61E-02 | 1.20E-04 | 3.00E-04 |
| 370882.00 | 3761891.00 | 3.05E-02 | 1.22E-04 | 3.90E-04 |
| 370887.00 | 3761891.00 | 3.60E-02 | 1.24E-04 | 5.00E-04 |
| 370892.00 | 3761891.00 | 4.24E-02 | 1.27E-04 | 6.17E-04 |
| 370762.00 | 3761896.00 | 2.74E-03 | 1.56E-04 | 1.24E-05 |
| 370767.00 | 3761896.00 | 2.91E-03 | 1.50E-04 | 1.34E-05 |
| 370772.00 | 3761896.00 | 3.10E-03 | 1.44E-04 | 1.45E-05 |
| 370777.00 | 3761896.00 | 3.31E-03 | 1.39E-04 | 1.57E-05 |
| 370782.00 | 3761896.00 | 3.54E-03 | 1.35E-04 | 1.71E-05 |
| 370787.00 | 3761896.00 | 3.80E-03 | 1.31E-04 | 1.86E-05 |
| 370792.00 | 3761896.00 | 4.08E-03 | 1.27E-04 | 2.04E-05 |
| 370797.00 | 3761896.00 | 4.39E-03 | 1.24E-04 | 2.24E-05 |
| 370802.00 | 3761896.00 | 4.73E-03 | 1.21E-04 | 2.47E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370867.00 | 3761886.00 | 2.30E-05 | 1.31E-07 | 2.35E-07 |
| 370872.00 | 3761886.00 | 2.67E-05 | 1.33E-07 | 3.05E-07 |
| 370877.00 | 3761886.00 | 3.13E-05 | 1.35E-07 | 4.02E-07 |
| 370882.00 | 3761886.00 | 3.70E-05 | 1.38E-07 | 5.31E-07 |
| 370887.00 | 3761886.00 | 4.39E-05 | 1.41E-07 | 6.77E-07 |
| 370762.00 | 3761891.00 | 2.98E-06 | 1.69E-07 | 1.36E-08 |
| 370767.00 | 3761891.00 | 3.18E-06 | 1.62E-07 | 1.47E-08 |
| 370772.00 | 3761891.00 | 3.39E-06 | 1.56E-07 | 1.60E-08 |
| 370777.00 | 3761891.00 | 3.63E-06 | 1.51E-07 | 1.73E-08 |
| 370782.00 | 3761891.00 | 3.89E-06 | 1.46E-07 | 1.89E-08 |
| 370787.00 | 3761891.00 | 4.18E-06 | 1.42E-07 | 2.07E-08 |
| 370792.00 | 3761891.00 | 4.49E-06 | 1.38E-07 | 2.27E-08 |
| 370797.00 | 3761891.00 | 4.85E-06 | 1.34E-07 | 2.51E-08 |
| 370802.00 | 3761891.00 | 5.25E-06 | 1.31E-07 | 2.77E-08 |
| 370807.00 | 3761891.00 | 5.69E-06 | 1.29E-07 | 3.08E-08 |
| 370812.00 | 3761891.00 | 6.19E-06 | 1.26E-07 | 3.44E-08 |
| 370817.00 | 3761891.00 | 6.75E-06 | 1.25E-07 | 3.86E-08 |
| 370822.00 | 3761891.00 | 7.39E-06 | 1.23E-07 | 4.36E-08 |
| 370827.00 | 3761891.00 | 8.12E-06 | 1.22E-07 | 4.95E-08 |
| 370832.00 | 3761891.00 | 8.96E-06 | 1.21E-07 | 5.66E-08 |
| 370837.00 | 3761891.00 | 9.92E-06 | 1.20E-07 | 6.51E-08 |
| 370842.00 | 3761891.00 | 1.10E-05 | 1.20E-07 | 7.56E-08 |
| 370857.00 | 3761891.00 | 1.56E-05 | 1.21E-07 | 1.26E-07 |
| 370862.00 | 3761891.00 | 1.77E-05 | 1.22E-07 | 1.54E-07 |
| 370867.00 | 3761891.00 | 2.03E-05 | 1.23E-07 | 1.92E-07 |
| 370872.00 | 3761891.00 | 2.35E-05 | 1.24E-07 | 2.44E-07 |
| 370877.00 | 3761891.00 | 2.73E-05 | 1.26E-07 | 3.14E-07 |
| 370882.00 | 3761891.00 | 3.19E-05 | 1.28E-07 | 4.07E-07 |
| 370887.00 | 3761891.00 | 3.76E-05 | 1.30E-07 | 5.23E-07 |
| 370892.00 | 3761891.00 | 4.43E-05 | 1.33E-07 | 6.45E-07 |
| 370762.00 | 3761896.00 | 2.86E-06 | 1.63E-07 | 1.29E-08 |
| 370767.00 | 3761896.00 | 3.04E-06 | 1.57E-07 | 1.40E-08 |
| 370772.00 | 3761896.00 | 3.24E-06 | 1.51E-07 | 1.51E-08 |
| 370777.00 | 3761896.00 | 3.46E-06 | 1.46E-07 | 1.64E-08 |
| 370782.00 | 3761896.00 | 3.70E-06 | 1.41E-07 | 1.78E-08 |
| 370787.00 | 3761896.00 | 3.97E-06 | 1.37E-07 | 1.95E-08 |
| 370792.00 | 3761896.00 | 4.26E-06 | 1.33E-07 | 2.13E-08 |
| 370797.00 | 3761896.00 | 4.59E-06 | 1.30E-07 | 2.34E-08 |
| 370802.00 | 3761896.00 | 4.95E-06 | 1.27E-07 | 2.58E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370807.00 | 3761896.00 | 5.12E-03 | 1.19E-04 | 2.73E-05 |
| 370812.00 | 3761896.00 | 5.55E-03 | 1.17E-04 | 3.03E-05 |
| 370817.00 | 3761896.00 | 6.04E-03 | 1.15E-04 | 3.38E-05 |
| 370822.00 | 3761896.00 | 6.58E-03 | 1.13E-04 | 3.79E-05 |
| 370827.00 | 3761896.00 | 7.20E-03 | 1.12E-04 | 4.28E-05 |
| 370832.00 | 3761896.00 | 7.91E-03 | 1.11E-04 | 4.85E-05 |
| 370837.00 | 3761896.00 | 8.71E-03 | 1.10E-04 | 5.54E-05 |
| 370842.00 | 3761896.00 | 9.64E-03 | 1.10E-04 | 6.37E-05 |
| 370862.00 | 3761896.00 | 1.51E-02 | 1.10E-04 | 1.23E-04 |
| 370867.00 | 3761896.00 | 1.72E-02 | 1.11E-04 | 1.51E-04 |
| 370872.00 | 3761896.00 | 1.96E-02 | 1.12E-04 | 1.87E-04 |
| 370877.00 | 3761896.00 | 2.26E-02 | 1.13E-04 | 2.35E-04 |
| 370882.00 | 3761896.00 | 2.63E-02 | 1.14E-04 | 2.98E-04 |
| 370887.00 | 3761896.00 | 3.07E-02 | 1.16E-04 | 3.78E-04 |
| 370892.00 | 3761896.00 | 3.59E-02 | 1.18E-04 | 4.76E-04 |
| 370897.00 | 3761896.00 | 4.20E-02 | 1.20E-04 | 5.93E-04 |
| 370767.00 | 3761901.00 | 2.78E-03 | 1.45E-04 | 1.27E-05 |
| 370772.00 | 3761901.00 | 2.96E-03 | 1.39E-04 | 1.37E-05 |
| 370777.00 | 3761901.00 | 3.15E-03 | 1.35E-04 | 1.48E-05 |
| 370782.00 | 3761901.00 | 3.37E-03 | 1.31E-04 | 1.60E-05 |
| 370787.00 | 3761901.00 | 3.60E-03 | 1.27E-04 | 1.74E-05 |
| 370792.00 | 3761901.00 | 3.86E-03 | 1.23E-04 | 1.90E-05 |
| 370797.00 | 3761901.00 | 4.14E-03 | 1.20E-04 | 2.08E-05 |
| 370802.00 | 3761901.00 | 4.46E-03 | 1.17E-04 | 2.28E-05 |
| 370807.00 | 3761901.00 | 4.81E-03 | 1.15E-04 | 2.52E-05 |
| 370812.00 | 3761901.00 | 5.19E-03 | 1.13E-04 | 2.78E-05 |
| 370817.00 | 3761901.00 | 5.63E-03 | 1.11E-04 | 3.09E-05 |
| 370822.00 | 3761901.00 | 6.12E-03 | 1.09E-04 | 3.44E-05 |
| 370827.00 | 3761901.00 | 6.66E-03 | 1.08E-04 | 3.85E-05 |
| 370832.00 | 3761901.00 | 7.28E-03 | 1.06E-04 | 4.34E-05 |
| 370837.00 | 3761901.00 | 7.99E-03 | 1.06E-04 | 4.91E-05 |
| 370842.00 | 3761901.00 | 8.79E-03 | 1.05E-04 | 5.60E-05 |
| 370847.00 | 3761901.00 | 9.71E-03 | 1.05E-04 | 6.44E-05 |
| 370867.00 | 3761901.00 | 1.51E-02 | 1.05E-04 | 1.24E-04 |
| 370872.00 | 3761901.00 | 1.72E-02 | 1.06E-04 | 1.51E-04 |
| 370877.00 | 3761901.00 | 1.96E-02 | 1.06E-04 | 1.86E-04 |
| 370882.00 | 3761901.00 | 2.26E-02 | 1.07E-04 | 2.30E-04 |
| 370887.00 | 3761901.00 | 2.61E-02 | 1.08E-04 | 2.86E-04 |
| 370892.00 | 3761901.00 | 3.04E-02 | 1.10E-04 | 3.58E-04 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370807.00 | 3761896.00 | 5.35E-06 | 1.24E-07 | 2.85E-08 |
| 370812.00 | 3761896.00 | 5.80E-06 | 1.22E-07 | 3.17E-08 |
| 370817.00 | 3761896.00 | 6.31E-06 | 1.20E-07 | 3.54E-08 |
| 370822.00 | 3761896.00 | 6.88E-06 | 1.18E-07 | 3.97E-08 |
| 370827.00 | 3761896.00 | 7.53E-06 | 1.17E-07 | 4.47E-08 |
| 370832.00 | 3761896.00 | 8.26E-06 | 1.16E-07 | 5.07E-08 |
| 370837.00 | 3761896.00 | 9.11E-06 | 1.15E-07 | 5.79E-08 |
| 370842.00 | 3761896.00 | 1.01E-05 | 1.15E-07 | 6.66E-08 |
| 370862.00 | 3761896.00 | 1.58E-05 | 1.15E-07 | 1.29E-07 |
| 370867.00 | 3761896.00 | 1.79E-05 | 1.16E-07 | 1.57E-07 |
| 370872.00 | 3761896.00 | 2.05E-05 | 1.17E-07 | 1.95E-07 |
| 370877.00 | 3761896.00 | 2.37E-05 | 1.18E-07 | 2.46E-07 |
| 370882.00 | 3761896.00 | 2.75E-05 | 1.19E-07 | 3.11E-07 |
| 370887.00 | 3761896.00 | 3.21E-05 | 1.21E-07 | 3.95E-07 |
| 370892.00 | 3761896.00 | 3.75E-05 | 1.23E-07 | 4.97E-07 |
| 370897.00 | 3761896.00 | 4.39E-05 | 1.25E-07 | 6.20E-07 |
| 370767.00 | 3761901.00 | 2.91E-06 | 1.51E-07 | 1.32E-08 |
| 370772.00 | 3761901.00 | 3.09E-06 | 1.46E-07 | 1.43E-08 |
| 370777.00 | 3761901.00 | 3.30E-06 | 1.41E-07 | 1.55E-08 |
| 370782.00 | 3761901.00 | 3.52E-06 | 1.36E-07 | 1.68E-08 |
| 370787.00 | 3761901.00 | 3.76E-06 | 1.32E-07 | 1.82E-08 |
| 370792.00 | 3761901.00 | 4.03E-06 | 1.29E-07 | 1.99E-08 |
| 370797.00 | 3761901.00 | 4.33E-06 | 1.26E-07 | 2.17E-08 |
| 370802.00 | 3761901.00 | 4.66E-06 | 1.23E-07 | 2.39E-08 |
| 370807.00 | 3761901.00 | 5.02E-06 | 1.20E-07 | 2.63E-08 |
| 370812.00 | 3761901.00 | 5.43E-06 | 1.18E-07 | 2.91E-08 |
| 370817.00 | 3761901.00 | 5.88E-06 | 1.16E-07 | 3.23E-08 |
| 370822.00 | 3761901.00 | 6.39E-06 | 1.14E-07 | 3.60E-08 |
| 370827.00 | 3761901.00 | 6.97E-06 | 1.13E-07 | 4.03E-08 |
| 370832.00 | 3761901.00 | 7.61E-06 | 1.11E-07 | 4.53E-08 |
| 370837.00 | 3761901.00 | 8.35E-06 | 1.10E-07 | 5.14E-08 |
| 370842.00 | 3761901.00 | 9.18E-06 | 1.10E-07 | 5.86E-08 |
| 370847.00 | 3761901.00 | 1.01E-05 | 1.09E-07 | 6.73E-08 |
| 370867.00 | 3761901.00 | 1.58E-05 | 1.10E-07 | 1.30E-07 |
| 370872.00 | 3761901.00 | 1.80E-05 | 1.10E-07 | 1.58E-07 |
| 370877.00 | 3761901.00 | 2.05E-05 | 1.11E-07 | 1.94E-07 |
| 370882.00 | 3761901.00 | 2.36E-05 | 1.12E-07 | 2.40E-07 |
| 370887.00 | 3761901.00 | 2.73E-05 | 1.13E-07 | 2.99E-07 |
| 370892.00 | 3761901.00 | 3.17E-05 | 1.15E-07 | 3.74E-07 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370897.00 | 3761901.00 | 3.54E-02 | 1.11E-04 | 4.41E-04 |
| 370772.00 | 3761906.00 | 2.82E-03 | 1.35E-04 | 1.29E-05 |
| 370777.00 | 3761906.00 | 3.00E-03 | 1.30E-04 | 1.39E-05 |
| 370782.00 | 3761906.00 | 3.20E-03 | 1.26E-04 | 1.50E-05 |
| 370787.00 | 3761906.00 | 3.41E-03 | 1.23E-04 | 1.63E-05 |
| 370792.00 | 3761906.00 | 3.65E-03 | 1.19E-04 | 1.77E-05 |
| 370797.00 | 3761906.00 | 3.90E-03 | 1.16E-04 | 1.93E-05 |
| 370802.00 | 3761906.00 | 4.19E-03 | 1.14E-04 | 2.11E-05 |
| 370807.00 | 3761906.00 | 4.50E-03 | 1.11E-04 | 2.32E-05 |
| 370812.00 | 3761906.00 | 4.85E-03 | 1.09E-04 | 2.55E-05 |
| 370817.00 | 3761906.00 | 5.24E-03 | 1.07E-04 | 2.81E-05 |
| 370822.00 | 3761906.00 | 5.67E-03 | 1.05E-04 | 3.12E-05 |
| 370827.00 | 3761906.00 | 6.16E-03 | 1.04E-04 | 3.47E-05 |
| 370832.00 | 3761906.00 | 6.70E-03 | 1.02E-04 | 3.88E-05 |
| 370837.00 | 3761906.00 | 7.31E-03 | 1.01E-04 | 4.36E-05 |
| 370842.00 | 3761906.00 | 8.01E-03 | 1.01E-04 | 4.93E-05 |
| 370847.00 | 3761906.00 | 8.80E-03 | 1.00E-04 | 5.61E-05 |
| 370852.00 | 3761906.00 | 9.70E-03 | 9.97E-05 | 6.43E-05 |
| 370872.00 | 3761906.00 | 1.51E-02 | 1.00E-04 | 1.23E-04 |
| 370877.00 | 3761906.00 | 1.71E-02 | 1.00E-04 | 1.49E-04 |
| 370882.00 | 3761906.00 | 1.95E-02 | 1.01E-04 | 1.81E-04 |
| 370887.00 | 3761906.00 | 2.23E-02 | 1.02E-04 | 2.21E-04 |
| 370892.00 | 3761906.00 | 2.58E-02 | 1.03E-04 | 2.71E-04 |
| 370897.00 | 3761906.00 | 2.98E-02 | 1.04E-04 | 3.28E-04 |
| 370902.00 | 3761906.00 | 3.47E-02 | 1.05E-04 | 3.78E-04 |
| 370777.00 | 3761911.00 | 2.85E-03 | 1.26E-04 | 1.31E-05 |
| 370782.00 | 3761911.00 | 3.03E-03 | 1.22E-04 | 1.41E-05 |
| 370787.00 | 3761911.00 | 3.23E-03 | 1.19E-04 | 1.52E-05 |
| 370792.00 | 3761911.00 | 3.44E-03 | 1.16E-04 | 1.65E-05 |
| 370797.00 | 3761911.00 | 3.68E-03 | 1.13E-04 | 1.79E-05 |
| 370802.00 | 3761911.00 | 3.93E-03 | 1.10E-04 | 1.95E-05 |
| 370807.00 | 3761911.00 | 4.22E-03 | 1.08E-04 | 2.13E-05 |
| 370812.00 | 3761911.00 | 4.53E-03 | 1.05E-04 | 2.33E-05 |
| 370817.00 | 3761911.00 | 4.88E-03 | 1.03E-04 | 2.56E-05 |
| 370822.00 | 3761911.00 | 5.26E-03 | 1.02E-04 | 2.82E-05 |
| 370827.00 | 3761911.00 | 5.69E-03 | 1.00E-04 | 3.12E-05 |
| 370832.00 | 3761911.00 | 6.16E-03 | 9.88E-05 | 3.47E-05 |
| 370837.00 | 3761911.00 | 6.70E-03 | 9.77E-05 | 3.87E-05 |
| 370842.00 | 3761911.00 | 7.30E-03 | 9.68E-05 | 4.34E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370897.00 | 3761901.00 | 3.70E-05 | 1.16E-07 | 4.61E-07 |
| 370772.00 | 3761906.00 | 2.95E-06 | 1.41E-07 | 1.35E-08 |
| 370777.00 | 3761906.00 | 3.14E-06 | 1.36E-07 | 1.45E-08 |
| 370782.00 | 3761906.00 | 3.34E-06 | 1.32E-07 | 1.57E-08 |
| 370787.00 | 3761906.00 | 3.56E-06 | 1.28E-07 | 1.70E-08 |
| 370792.00 | 3761906.00 | 3.81E-06 | 1.25E-07 | 1.85E-08 |
| 370797.00 | 3761906.00 | 4.08E-06 | 1.22E-07 | 2.02E-08 |
| 370802.00 | 3761906.00 | 4.38E-06 | 1.19E-07 | 2.21E-08 |
| 370807.00 | 3761906.00 | 4.71E-06 | 1.16E-07 | 2.42E-08 |
| 370812.00 | 3761906.00 | 5.07E-06 | 1.14E-07 | 2.66E-08 |
| 370817.00 | 3761906.00 | 5.48E-06 | 1.12E-07 | 2.94E-08 |
| 370822.00 | 3761906.00 | 5.93E-06 | 1.10E-07 | 3.26E-08 |
| 370827.00 | 3761906.00 | 6.44E-06 | 1.08E-07 | 3.62E-08 |
| 370832.00 | 3761906.00 | 7.00E-06 | 1.07E-07 | 4.05E-08 |
| 370837.00 | 3761906.00 | 7.65E-06 | 1.06E-07 | 4.55E-08 |
| 370842.00 | 3761906.00 | 8.37E-06 | 1.05E-07 | 5.15E-08 |
| 370847.00 | 3761906.00 | 9.20E-06 | 1.05E-07 | 5.86E-08 |
| 370852.00 | 3761906.00 | 1.01E-05 | 1.04E-07 | 6.73E-08 |
| 370872.00 | 3761906.00 | 1.57E-05 | 1.05E-07 | 1.29E-07 |
| 370877.00 | 3761906.00 | 1.79E-05 | 1.05E-07 | 1.55E-07 |
| 370882.00 | 3761906.00 | 2.04E-05 | 1.06E-07 | 1.89E-07 |
| 370887.00 | 3761906.00 | 2.34E-05 | 1.07E-07 | 2.31E-07 |
| 370892.00 | 3761906.00 | 2.69E-05 | 1.08E-07 | 2.83E-07 |
| 370897.00 | 3761906.00 | 3.12E-05 | 1.09E-07 | 3.43E-07 |
| 370902.00 | 3761906.00 | 3.63E-05 | 1.10E-07 | 3.95E-07 |
| 370777.00 | 3761911.00 | 2.98E-06 | 1.32E-07 | 1.37E-08 |
| 370782.00 | 3761911.00 | 3.17E-06 | 1.28E-07 | 1.47E-08 |
| 370787.00 | 3761911.00 | 3.37E-06 | 1.24E-07 | 1.59E-08 |
| 370792.00 | 3761911.00 | 3.60E-06 | 1.21E-07 | 1.72E-08 |
| 370797.00 | 3761911.00 | 3.84E-06 | 1.18E-07 | 1.87E-08 |
| 370802.00 | 3761911.00 | 4.11E-06 | 1.15E-07 | 2.04E-08 |
| 370807.00 | 3761911.00 | 4.41E-06 | 1.12E-07 | 2.22E-08 |
| 370812.00 | 3761911.00 | 4.74E-06 | 1.10E-07 | 2.44E-08 |
| 370817.00 | 3761911.00 | 5.10E-06 | 1.08E-07 | 2.67E-08 |
| 370822.00 | 3761911.00 | 5.50E-06 | 1.06E-07 | 2.95E-08 |
| 370827.00 | 3761911.00 | 5.94E-06 | 1.05E-07 | 3.26E-08 |
| 370832.00 | 3761911.00 | 6.44E-06 | 1.03E-07 | 3.62E-08 |
| 370837.00 | 3761911.00 | 7.00E-06 | 1.02E-07 | 4.04E-08 |
| 370842.00 | 3761911.00 | 7.63E-06 | 1.01E-07 | 4.53E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370847.00 | 3761911.00 | 7.98E-03 | 9.60E-05 | 4.90E-05 |
| 370852.00 | 3761911.00 | 8.75E-03 | 9.55E-05 | 5.57E-05 |
| 370857.00 | 3761911.00 | 9.64E-03 | 9.52E-05 | 6.38E-05 |
| 370872.00 | 3761911.00 | 1.32E-02 | 9.51E-05 | 1.01E-04 |
| 370877.00 | 3761911.00 | 1.49E-02 | 9.54E-05 | 1.21E-04 |
| 370882.00 | 3761911.00 | 1.69E-02 | 9.59E-05 | 1.45E-04 |
| 370887.00 | 3761911.00 | 1.92E-02 | 9.65E-05 | 1.74E-04 |
| 370892.00 | 3761911.00 | 2.20E-02 | 9.71E-05 | 2.10E-04 |
| 370897.00 | 3761911.00 | 2.53E-02 | 9.79E-05 | 2.49E-04 |
| 370902.00 | 3761911.00 | 2.92E-02 | 9.87E-05 | 2.84E-04 |
| 370907.00 | 3761911.00 | 3.40E-02 | 9.99E-05 | 3.04E-04 |
| 370777.00 | 3761916.00 | 2.71E-03 | 1.22E-04 | 1.23E-05 |
| 370782.00 | 3761916.00 | 2.87E-03 | 1.18E-04 | 1.32E-05 |
| 370787.00 | 3761916.00 | 3.05E-03 | 1.15E-04 | 1.42E-05 |
| 370792.00 | 3761916.00 | 3.24E-03 | 1.12E-04 | 1.53E-05 |
| 370797.00 | 3761916.00 | 3.46E-03 | 1.09E-04 | 1.66E-05 |
| 370802.00 | 3761916.00 | 3.69E-03 | 1.07E-04 | 1.80E-05 |
| 370807.00 | 3761916.00 | 3.95E-03 | 1.04E-04 | 1.95E-05 |
| 370812.00 | 3761916.00 | 4.23E-03 | 1.02E-04 | 2.13E-05 |
| 370817.00 | 3761916.00 | 4.53E-03 | 1.00E-04 | 2.33E-05 |
| 370822.00 | 3761916.00 | 4.88E-03 | 9.83E-05 | 2.55E-05 |
| 370827.00 | 3761916.00 | 5.25E-03 | 9.68E-05 | 2.81E-05 |
| 370832.00 | 3761916.00 | 5.67E-03 | 9.54E-05 | 3.10E-05 |
| 370837.00 | 3761916.00 | 6.14E-03 | 9.42E-05 | 3.44E-05 |
| 370842.00 | 3761916.00 | 6.66E-03 | 9.32E-05 | 3.83E-05 |
| 370847.00 | 3761916.00 | 7.24E-03 | 9.23E-05 | 4.29E-05 |
| 370852.00 | 3761916.00 | 7.91E-03 | 9.17E-05 | 4.84E-05 |
| 370857.00 | 3761916.00 | 8.66E-03 | 9.12E-05 | 5.50E-05 |
| 370877.00 | 3761916.00 | 1.31E-02 | 9.08E-05 | 9.94E-05 |
| 370882.00 | 3761916.00 | 1.47E-02 | 9.11E-05 | 1.18E-04 |
| 370887.00 | 3761916.00 | 1.66E-02 | 9.15E-05 | 1.40E-04 |
| 370892.00 | 3761916.00 | 1.89E-02 | 9.20E-05 | 1.66E-04 |
| 370897.00 | 3761916.00 | 2.16E-02 | 9.25E-05 | 1.93E-04 |
| 370902.00 | 3761916.00 | 2.48E-02 | 9.31E-05 | 2.19E-04 |
| 370907.00 | 3761916.00 | 2.85E-02 | 9.40E-05 | 2.36E-04 |
| 370912.00 | 3761916.00 | 3.29E-02 | 9.48E-05 | 2.43E-04 |
| 370782.00 | 3761921.00 | 2.72E-03 | 1.15E-04 | 1.23E-05 |
| 370787.00 | 3761921.00 | 2.88E-03 | 1.11E-04 | 1.32E-05 |
| 370792.00 | 3761921.00 | 3.06E-03 | 1.08E-04 | 1.42E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370847.00 | 3761911.00 | 8.34E-06 | 1.00E-07 | 5.12E-08 |
| 370852.00 | 3761911.00 | 9.15E-06 | 9.98E-08 | 5.82E-08 |
| 370857.00 | 3761911.00 | 1.01E-05 | 9.95E-08 | 6.67E-08 |
| 370872.00 | 3761911.00 | 1.38E-05 | 9.94E-08 | 1.06E-07 |
| 370877.00 | 3761911.00 | 1.56E-05 | 9.97E-08 | 1.26E-07 |
| 370882.00 | 3761911.00 | 1.76E-05 | 1.00E-07 | 1.51E-07 |
| 370887.00 | 3761911.00 | 2.01E-05 | 1.01E-07 | 1.82E-07 |
| 370892.00 | 3761911.00 | 2.30E-05 | 1.02E-07 | 2.19E-07 |
| 370897.00 | 3761911.00 | 2.64E-05 | 1.02E-07 | 2.60E-07 |
| 370902.00 | 3761911.00 | 3.06E-05 | 1.03E-07 | 2.96E-07 |
| 370907.00 | 3761911.00 | 3.55E-05 | 1.04E-07 | 3.18E-07 |
| 370777.00 | 3761916.00 | 2.83E-06 | 1.28E-07 | 1.28E-08 |
| 370782.00 | 3761916.00 | 3.00E-06 | 1.24E-07 | 1.38E-08 |
| 370787.00 | 3761916.00 | 3.19E-06 | 1.20E-07 | 1.48E-08 |
| 370792.00 | 3761916.00 | 3.39E-06 | 1.17E-07 | 1.60E-08 |
| 370797.00 | 3761916.00 | 3.61E-06 | 1.14E-07 | 1.73E-08 |
| 370802.00 | 3761916.00 | 3.86E-06 | 1.11E-07 | 1.88E-08 |
| 370807.00 | 3761916.00 | 4.12E-06 | 1.09E-07 | 2.04E-08 |
| 370812.00 | 3761916.00 | 4.42E-06 | 1.07E-07 | 2.23E-08 |
| 370817.00 | 3761916.00 | 4.74E-06 | 1.05E-07 | 2.43E-08 |
| 370822.00 | 3761916.00 | 5.10E-06 | 1.03E-07 | 2.67E-08 |
| 370827.00 | 3761916.00 | 5.49E-06 | 1.01E-07 | 2.94E-08 |
| 370832.00 | 3761916.00 | 5.93E-06 | 9.97E-08 | 3.24E-08 |
| 370837.00 | 3761916.00 | 6.41E-06 | 9.85E-08 | 3.59E-08 |
| 370842.00 | 3761916.00 | 6.96E-06 | 9.74E-08 | 4.00E-08 |
| 370847.00 | 3761916.00 | 7.57E-06 | 9.65E-08 | 4.49E-08 |
| 370852.00 | 3761916.00 | 8.26E-06 | 9.58E-08 | 5.06E-08 |
| 370857.00 | 3761916.00 | 9.05E-06 | 9.54E-08 | 5.74E-08 |
| 370877.00 | 3761916.00 | 1.36E-05 | 9.49E-08 | 1.04E-07 |
| 370882.00 | 3761916.00 | 1.53E-05 | 9.52E-08 | 1.23E-07 |
| 370887.00 | 3761916.00 | 1.74E-05 | 9.57E-08 | 1.46E-07 |
| 370892.00 | 3761916.00 | 1.97E-05 | 9.61E-08 | 1.73E-07 |
| 370897.00 | 3761916.00 | 2.25E-05 | 9.67E-08 | 2.02E-07 |
| 370902.00 | 3761916.00 | 2.59E-05 | 9.73E-08 | 2.29E-07 |
| 370907.00 | 3761916.00 | 2.98E-05 | 9.82E-08 | 2.47E-07 |
| 370912.00 | 3761916.00 | 3.44E-05 | 9.91E-08 | 2.54E-07 |
| 370782.00 | 3761921.00 | 2.84E-06 | 1.20E-07 | 1.29E-08 |
| 370787.00 | 3761921.00 | 3.01E-06 | 1.16E-07 | 1.38E-08 |
| 370792.00 | 3761921.00 | 3.20E-06 | 1.13E-07 | 1.49E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370797.00 | 3761921.00 | 3.25E-03 | 1.06E-04 | 1.53E-05 |
| 370802.00 | 3761921.00 | 3.46E-03 | 1.03E-04 | 1.66E-05 |
| 370807.00 | 3761921.00 | 3.69E-03 | 1.01E-04 | 1.80E-05 |
| 370812.00 | 3761921.00 | 3.94E-03 | 9.88E-05 | 1.95E-05 |
| 370817.00 | 3761921.00 | 4.22E-03 | 9.69E-05 | 2.12E-05 |
| 370822.00 | 3761921.00 | 4.52E-03 | 9.52E-05 | 2.31E-05 |
| 370827.00 | 3761921.00 | 4.85E-03 | 9.36E-05 | 2.53E-05 |
| 370832.00 | 3761921.00 | 5.22E-03 | 9.22E-05 | 2.78E-05 |
| 370837.00 | 3761921.00 | 5.63E-03 | 9.09E-05 | 3.06E-05 |
| 370842.00 | 3761921.00 | 6.08E-03 | 8.98E-05 | 3.39E-05 |
| 370847.00 | 3761921.00 | 6.59E-03 | 8.90E-05 | 3.78E-05 |
| 370852.00 | 3761921.00 | 7.16E-03 | 8.82E-05 | 4.23E-05 |
| 370857.00 | 3761921.00 | 7.80E-03 | 8.76E-05 | 4.76E-05 |
| 370862.00 | 3761921.00 | 8.54E-03 | 8.72E-05 | 5.41E-05 |
| 370882.00 | 3761921.00 | 1.28E-02 | 8.69E-05 | 9.70E-05 |
| 370887.00 | 3761921.00 | 1.44E-02 | 8.71E-05 | 1.14E-04 |
| 370892.00 | 3761921.00 | 1.63E-02 | 8.74E-05 | 1.33E-04 |
| 370897.00 | 3761921.00 | 1.85E-02 | 8.77E-05 | 1.53E-04 |
| 370902.00 | 3761921.00 | 2.11E-02 | 8.82E-05 | 1.73E-04 |
| 370907.00 | 3761921.00 | 2.42E-02 | 8.88E-05 | 1.87E-04 |
| 370912.00 | 3761921.00 | 2.76E-02 | 8.94E-05 | 1.95E-04 |
| 370787.00 | 3761926.00 | 2.72E-03 | 1.08E-04 | 1.23E-05 |
| 370792.00 | 3761926.00 | 2.88E-03 | 1.05E-04 | 1.32E-05 |
| 370797.00 | 3761926.00 | 3.06E-03 | 1.03E-04 | 1.42E-05 |
| 370802.00 | 3761926.00 | 3.25E-03 | 1.00E-04 | 1.53E-05 |
| 370807.00 | 3761926.00 | 3.45E-03 | 9.79E-05 | 1.65E-05 |
| 370812.00 | 3761926.00 | 3.68E-03 | 9.58E-05 | 1.78E-05 |
| 370817.00 | 3761926.00 | 3.92E-03 | 9.39E-05 | 1.93E-05 |
| 370822.00 | 3761926.00 | 4.19E-03 | 9.22E-05 | 2.10E-05 |
| 370827.00 | 3761926.00 | 4.48E-03 | 9.06E-05 | 2.29E-05 |
| 370832.00 | 3761926.00 | 4.81E-03 | 8.92E-05 | 2.50E-05 |
| 370837.00 | 3761926.00 | 5.16E-03 | 8.79E-05 | 2.74E-05 |
| 370842.00 | 3761926.00 | 5.56E-03 | 8.68E-05 | 3.01E-05 |
| 370847.00 | 3761926.00 | 6.00E-03 | 8.58E-05 | 3.34E-05 |
| 370852.00 | 3761926.00 | 6.49E-03 | 8.50E-05 | 3.71E-05 |
| 370857.00 | 3761926.00 | 7.05E-03 | 8.43E-05 | 4.15E-05 |
| 370862.00 | 3761926.00 | 7.67E-03 | 8.38E-05 | 4.68E-05 |
| 370867.00 | 3761926.00 | 8.39E-03 | 8.35E-05 | 5.32E-05 |
| 370882.00 | 3761926.00 | 1.13E-02 | 8.30E-05 | 8.10E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370797.00 | 3761921.00 | 3.40E-06 | 1.11E-07 | 1.60E-08 |
| 370802.00 | 3761921.00 | 3.62E-06 | 1.08E-07 | 1.73E-08 |
| 370807.00 | 3761921.00 | 3.86E-06 | 1.05E-07 | 1.88E-08 |
| 370812.00 | 3761921.00 | 4.12E-06 | 1.03E-07 | 2.04E-08 |
| 370817.00 | 3761921.00 | 4.41E-06 | 1.01E-07 | 2.22E-08 |
| 370822.00 | 3761921.00 | 4.72E-06 | 9.95E-08 | 2.42E-08 |
| 370827.00 | 3761921.00 | 5.07E-06 | 9.78E-08 | 2.65E-08 |
| 370832.00 | 3761921.00 | 5.46E-06 | 9.64E-08 | 2.91E-08 |
| 370837.00 | 3761921.00 | 5.88E-06 | 9.51E-08 | 3.20E-08 |
| 370842.00 | 3761921.00 | 6.35E-06 | 9.39E-08 | 3.55E-08 |
| 370847.00 | 3761921.00 | 6.88E-06 | 9.30E-08 | 3.95E-08 |
| 370852.00 | 3761921.00 | 7.48E-06 | 9.22E-08 | 4.42E-08 |
| 370857.00 | 3761921.00 | 8.15E-06 | 9.16E-08 | 4.98E-08 |
| 370862.00 | 3761921.00 | 8.92E-06 | 9.12E-08 | 5.65E-08 |
| 370882.00 | 3761921.00 | 1.34E-05 | 9.08E-08 | 1.01E-07 |
| 370887.00 | 3761921.00 | 1.51E-05 | 9.10E-08 | 1.19E-07 |
| 370892.00 | 3761921.00 | 1.71E-05 | 9.14E-08 | 1.39E-07 |
| 370897.00 | 3761921.00 | 1.94E-05 | 9.17E-08 | 1.60E-07 |
| 370902.00 | 3761921.00 | 2.21E-05 | 9.22E-08 | 1.80E-07 |
| 370907.00 | 3761921.00 | 2.52E-05 | 9.28E-08 | 1.96E-07 |
| 370912.00 | 3761921.00 | 2.88E-05 | 9.35E-08 | 2.04E-07 |
| 370787.00 | 3761926.00 | 2.84E-06 | 1.13E-07 | 1.29E-08 |
| 370792.00 | 3761926.00 | 3.01E-06 | 1.10E-07 | 1.38E-08 |
| 370797.00 | 3761926.00 | 3.19E-06 | 1.07E-07 | 1.48E-08 |
| 370802.00 | 3761926.00 | 3.39E-06 | 1.05E-07 | 1.60E-08 |
| 370807.00 | 3761926.00 | 3.61E-06 | 1.02E-07 | 1.72E-08 |
| 370812.00 | 3761926.00 | 3.84E-06 | 1.00E-07 | 1.86E-08 |
| 370817.00 | 3761926.00 | 4.10E-06 | 9.82E-08 | 2.02E-08 |
| 370822.00 | 3761926.00 | 4.38E-06 | 9.63E-08 | 2.19E-08 |
| 370827.00 | 3761926.00 | 4.69E-06 | 9.47E-08 | 2.39E-08 |
| 370832.00 | 3761926.00 | 5.03E-06 | 9.32E-08 | 2.61E-08 |
| 370837.00 | 3761926.00 | 5.40E-06 | 9.19E-08 | 2.86E-08 |
| 370842.00 | 3761926.00 | 5.81E-06 | 9.07E-08 | 3.15E-08 |
| 370847.00 | 3761926.00 | 6.27E-06 | 8.97E-08 | 3.49E-08 |
| 370852.00 | 3761926.00 | 6.78E-06 | 8.89E-08 | 3.88E-08 |
| 370857.00 | 3761926.00 | 7.36E-06 | 8.82E-08 | 4.34E-08 |
| 370862.00 | 3761926.00 | 8.02E-06 | 8.76E-08 | 4.89E-08 |
| 370867.00 | 3761926.00 | 8.77E-06 | 8.72E-08 | 5.56E-08 |
| 370882.00 | 3761926.00 | 1.18E-05 | 8.68E-08 | 8.47E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370887.00 | 3761926.00 | 1.26E-02 | 8.31E-05 | 9.40E-05 |
| 370892.00 | 3761926.00 | 1.42E-02 | 8.33E-05 | 1.09E-04 |
| 370897.00 | 3761926.00 | 1.60E-02 | 8.35E-05 | 1.24E-04 |
| 370902.00 | 3761926.00 | 1.81E-02 | 8.38E-05 | 1.39E-04 |
| 370907.00 | 3761926.00 | 2.06E-02 | 8.42E-05 | 1.51E-04 |
| 370912.00 | 3761926.00 | 2.33E-02 | 8.47E-05 | 1.59E-04 |
| 370917.00 | 3761926.00 | 2.63E-02 | 8.52E-05 | 1.62E-04 |
| 370792.00 | 3761931.00 | 2.71E-03 | 1.02E-04 | 1.23E-05 |
| 370797.00 | 3761931.00 | 2.87E-03 | 9.95E-05 | 1.31E-05 |
| 370802.00 | 3761931.00 | 3.04E-03 | 9.72E-05 | 1.41E-05 |
| 370807.00 | 3761931.00 | 3.23E-03 | 9.50E-05 | 1.52E-05 |
| 370812.00 | 3761931.00 | 3.43E-03 | 9.30E-05 | 1.63E-05 |
| 370817.00 | 3761931.00 | 3.65E-03 | 9.11E-05 | 1.76E-05 |
| 370822.00 | 3761931.00 | 3.89E-03 | 8.94E-05 | 1.91E-05 |
| 370827.00 | 3761931.00 | 4.15E-03 | 8.78E-05 | 2.07E-05 |
| 370832.00 | 3761931.00 | 4.43E-03 | 8.64E-05 | 2.25E-05 |
| 370837.00 | 3761931.00 | 4.75E-03 | 8.51E-05 | 2.45E-05 |
| 370842.00 | 3761931.00 | 5.09E-03 | 8.39E-05 | 2.69E-05 |
| 370847.00 | 3761931.00 | 5.48E-03 | 8.29E-05 | 2.96E-05 |
| 370852.00 | 3761931.00 | 5.90E-03 | 8.20E-05 | 3.28E-05 |
| 370857.00 | 3761931.00 | 6.38E-03 | 8.13E-05 | 3.65E-05 |
| 370862.00 | 3761931.00 | 6.92E-03 | 8.07E-05 | 4.08E-05 |
| 370867.00 | 3761931.00 | 7.54E-03 | 8.03E-05 | 4.60E-05 |
| 370887.00 | 3761931.00 | 1.11E-02 | 7.95E-05 | 7.86E-05 |
| 370892.00 | 3761931.00 | 1.24E-02 | 7.96E-05 | 9.00E-05 |
| 370897.00 | 3761931.00 | 1.39E-02 | 7.97E-05 | 1.02E-04 |
| 370902.00 | 3761931.00 | 1.57E-02 | 7.98E-05 | 1.14E-04 |
| 370907.00 | 3761931.00 | 1.77E-02 | 8.01E-05 | 1.24E-04 |
| 370912.00 | 3761931.00 | 1.99E-02 | 8.05E-05 | 1.31E-04 |
| 370917.00 | 3761931.00 | 2.23E-02 | 8.08E-05 | 1.35E-04 |
| 370922.00 | 3761931.00 | 2.46E-02 | 8.12E-05 | 1.37E-04 |
| 370792.00 | 3761936.00 | 2.56E-03 | 9.91E-05 | 1.14E-05 |
| 370797.00 | 3761936.00 | 2.70E-03 | 9.67E-05 | 1.22E-05 |
| 370802.00 | 3761936.00 | 2.86E-03 | 9.44E-05 | 1.30E-05 |
| 370807.00 | 3761936.00 | 3.02E-03 | 9.22E-05 | 1.40E-05 |
| 370812.00 | 3761936.00 | 3.20E-03 | 9.03E-05 | 1.50E-05 |
| 370817.00 | 3761936.00 | 3.40E-03 | 8.84E-05 | 1.61E-05 |
| 370822.00 | 3761936.00 | 3.61E-03 | 8.67E-05 | 1.74E-05 |
| 370827.00 | 3761936.00 | 3.84E-03 | 8.52E-05 | 1.88E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370887.00 | 3761926.00 | 1.32E-05 | 8.69E-08 | 9.82E-08 |
| 370892.00 | 3761926.00 | 1.48E-05 | 8.71E-08 | 1.14E-07 |
| 370897.00 | 3761926.00 | 1.67E-05 | 8.73E-08 | 1.30E-07 |
| 370902.00 | 3761926.00 | 1.90E-05 | 8.76E-08 | 1.45E-07 |
| 370907.00 | 3761926.00 | 2.15E-05 | 8.80E-08 | 1.58E-07 |
| 370912.00 | 3761926.00 | 2.44E-05 | 8.85E-08 | 1.66E-07 |
| 370917.00 | 3761926.00 | 2.75E-05 | 8.91E-08 | 1.70E-07 |
| 370792.00 | 3761931.00 | 2.84E-06 | 1.07E-07 | 1.28E-08 |
| 370797.00 | 3761931.00 | 3.00E-06 | 1.04E-07 | 1.37E-08 |
| 370802.00 | 3761931.00 | 3.18E-06 | 1.02E-07 | 1.47E-08 |
| 370807.00 | 3761931.00 | 3.38E-06 | 9.93E-08 | 1.58E-08 |
| 370812.00 | 3761931.00 | 3.59E-06 | 9.72E-08 | 1.71E-08 |
| 370817.00 | 3761931.00 | 3.82E-06 | 9.52E-08 | 1.84E-08 |
| 370822.00 | 3761931.00 | 4.06E-06 | 9.34E-08 | 1.99E-08 |
| 370827.00 | 3761931.00 | 4.34E-06 | 9.18E-08 | 2.16E-08 |
| 370832.00 | 3761931.00 | 4.63E-06 | 9.03E-08 | 2.35E-08 |
| 370837.00 | 3761931.00 | 4.96E-06 | 8.90E-08 | 2.57E-08 |
| 370842.00 | 3761931.00 | 5.32E-06 | 8.77E-08 | 2.81E-08 |
| 370847.00 | 3761931.00 | 5.72E-06 | 8.67E-08 | 3.09E-08 |
| 370852.00 | 3761931.00 | 6.17E-06 | 8.58E-08 | 3.42E-08 |
| 370857.00 | 3761931.00 | 6.67E-06 | 8.50E-08 | 3.81E-08 |
| 370862.00 | 3761931.00 | 7.24E-06 | 8.44E-08 | 4.27E-08 |
| 370867.00 | 3761931.00 | 7.88E-06 | 8.39E-08 | 4.81E-08 |
| 370887.00 | 3761931.00 | 1.16E-05 | 8.31E-08 | 8.22E-08 |
| 370892.00 | 3761931.00 | 1.30E-05 | 8.32E-08 | 9.40E-08 |
| 370897.00 | 3761931.00 | 1.46E-05 | 8.33E-08 | 1.07E-07 |
| 370902.00 | 3761931.00 | 1.64E-05 | 8.34E-08 | 1.19E-07 |
| 370907.00 | 3761931.00 | 1.85E-05 | 8.37E-08 | 1.29E-07 |
| 370912.00 | 3761931.00 | 2.08E-05 | 8.41E-08 | 1.37E-07 |
| 370917.00 | 3761931.00 | 2.33E-05 | 8.45E-08 | 1.41E-07 |
| 370922.00 | 3761931.00 | 2.57E-05 | 8.49E-08 | 1.43E-07 |
| 370792.00 | 3761936.00 | 2.67E-06 | 1.04E-07 | 1.19E-08 |
| 370797.00 | 3761936.00 | 2.82E-06 | 1.01E-07 | 1.27E-08 |
| 370802.00 | 3761936.00 | 2.99E-06 | 9.86E-08 | 1.36E-08 |
| 370807.00 | 3761936.00 | 3.16E-06 | 9.64E-08 | 1.46E-08 |
| 370812.00 | 3761936.00 | 3.35E-06 | 9.43E-08 | 1.57E-08 |
| 370817.00 | 3761936.00 | 3.55E-06 | 9.24E-08 | 1.68E-08 |
| 370822.00 | 3761936.00 | 3.78E-06 | 9.07E-08 | 1.81E-08 |
| 370827.00 | 3761936.00 | 4.02E-06 | 8.90E-08 | 1.96E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370832.00 | 3761936.00 | 4.10E-03 | 8.38E-05 | 2.03E-05 |
| 370837.00 | 3761936.00 | 4.37E-03 | 8.25E-05 | 2.21E-05 |
| 370842.00 | 3761936.00 | 4.67E-03 | 8.13E-05 | 2.41E-05 |
| 370847.00 | 3761936.00 | 5.01E-03 | 8.02E-05 | 2.64E-05 |
| 370852.00 | 3761936.00 | 5.38E-03 | 7.93E-05 | 2.91E-05 |
| 370857.00 | 3761936.00 | 5.80E-03 | 7.85E-05 | 3.22E-05 |
| 370862.00 | 3761936.00 | 6.27E-03 | 7.79E-05 | 3.58E-05 |
| 370867.00 | 3761936.00 | 6.80E-03 | 7.73E-05 | 4.02E-05 |
| 370872.00 | 3761936.00 | 7.41E-03 | 7.69E-05 | 4.53E-05 |
| 370892.00 | 3761936.00 | 1.10E-02 | 7.63E-05 | 7.55E-05 |
| 370897.00 | 3761936.00 | 1.22E-02 | 7.63E-05 | 8.49E-05 |
| 370902.00 | 3761936.00 | 1.37E-02 | 7.63E-05 | 9.42E-05 |
| 370907.00 | 3761936.00 | 1.53E-02 | 7.65E-05 | 1.03E-04 |
| 370912.00 | 3761936.00 | 1.71E-02 | 7.67E-05 | 1.09E-04 |
| 370917.00 | 3761936.00 | 1.91E-02 | 7.69E-05 | 1.14E-04 |
| 370922.00 | 3761936.00 | 2.10E-02 | 7.72E-05 | 1.16E-04 |
| 370927.00 | 3761936.00 | 2.28E-02 | 7.75E-05 | 1.16E-04 |
| 370797.00 | 3761941.00 | 2.54E-03 | 9.39E-05 | 1.13E-05 |
| 370802.00 | 3761941.00 | 2.68E-03 | 9.17E-05 | 1.20E-05 |
| 370807.00 | 3761941.00 | 2.83E-03 | 8.96E-05 | 1.29E-05 |
| 370812.00 | 3761941.00 | 2.99E-03 | 8.77E-05 | 1.38E-05 |
| 370817.00 | 3761941.00 | 3.17E-03 | 8.59E-05 | 1.47E-05 |
| 370822.00 | 3761941.00 | 3.36E-03 | 8.43E-05 | 1.58E-05 |
| 370827.00 | 3761941.00 | 3.56E-03 | 8.27E-05 | 1.70E-05 |
| 370832.00 | 3761941.00 | 3.79E-03 | 8.13E-05 | 1.84E-05 |
| 370837.00 | 3761941.00 | 4.03E-03 | 8.00E-05 | 1.99E-05 |
| 370842.00 | 3761941.00 | 4.30E-03 | 7.88E-05 | 2.17E-05 |
| 370847.00 | 3761941.00 | 4.59E-03 | 7.77E-05 | 2.36E-05 |
| 370852.00 | 3761941.00 | 4.92E-03 | 7.68E-05 | 2.59E-05 |
| 370857.00 | 3761941.00 | 5.29E-03 | 7.59E-05 | 2.86E-05 |
| 370862.00 | 3761941.00 | 5.69E-03 | 7.52E-05 | 3.16E-05 |
| 370867.00 | 3761941.00 | 6.16E-03 | 7.46E-05 | 3.53E-05 |
| 370872.00 | 3761941.00 | 6.68E-03 | 7.41E-05 | 3.95E-05 |
| 370877.00 | 3761941.00 | 7.29E-03 | 7.37E-05 | 4.45E-05 |
| 370897.00 | 3761941.00 | 1.08E-02 | 7.32E-05 | 7.16E-05 |
| 370902.00 | 3761941.00 | 1.20E-02 | 7.32E-05 | 7.92E-05 |
| 370907.00 | 3761941.00 | 1.34E-02 | 7.32E-05 | 8.62E-05 |
| 370912.00 | 3761941.00 | 1.49E-02 | 7.32E-05 | 9.21E-05 |
| 370917.00 | 3761941.00 | 1.64E-02 | 7.34E-05 | 9.65E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370832.00 | 3761936.00 | 4.28E-06 | 8.76E-08 | 2.12E-08 |
| 370837.00 | 3761936.00 | 4.57E-06 | 8.62E-08 | 2.31E-08 |
| 370842.00 | 3761936.00 | 4.89E-06 | 8.50E-08 | 2.52E-08 |
| 370847.00 | 3761936.00 | 5.24E-06 | 8.39E-08 | 2.76E-08 |
| 370852.00 | 3761936.00 | 5.63E-06 | 8.29E-08 | 3.04E-08 |
| 370857.00 | 3761936.00 | 6.06E-06 | 8.21E-08 | 3.36E-08 |
| 370862.00 | 3761936.00 | 6.55E-06 | 8.14E-08 | 3.75E-08 |
| 370867.00 | 3761936.00 | 7.11E-06 | 8.08E-08 | 4.20E-08 |
| 370872.00 | 3761936.00 | 7.74E-06 | 8.04E-08 | 4.73E-08 |
| 370892.00 | 3761936.00 | 1.14E-05 | 7.97E-08 | 7.89E-08 |
| 370897.00 | 3761936.00 | 1.28E-05 | 7.98E-08 | 8.88E-08 |
| 370902.00 | 3761936.00 | 1.43E-05 | 7.98E-08 | 9.85E-08 |
| 370907.00 | 3761936.00 | 1.60E-05 | 7.99E-08 | 1.07E-07 |
| 370912.00 | 3761936.00 | 1.79E-05 | 8.01E-08 | 1.14E-07 |
| 370917.00 | 3761936.00 | 1.99E-05 | 8.04E-08 | 1.19E-07 |
| 370922.00 | 3761936.00 | 2.19E-05 | 8.07E-08 | 1.21E-07 |
| 370927.00 | 3761936.00 | 2.38E-05 | 8.11E-08 | 1.21E-07 |
| 370797.00 | 3761941.00 | 2.66E-06 | 9.82E-08 | 1.18E-08 |
| 370802.00 | 3761941.00 | 2.80E-06 | 9.58E-08 | 1.26E-08 |
| 370807.00 | 3761941.00 | 2.96E-06 | 9.37E-08 | 1.34E-08 |
| 370812.00 | 3761941.00 | 3.13E-06 | 9.17E-08 | 1.44E-08 |
| 370817.00 | 3761941.00 | 3.31E-06 | 8.98E-08 | 1.54E-08 |
| 370822.00 | 3761941.00 | 3.51E-06 | 8.81E-08 | 1.66E-08 |
| 370827.00 | 3761941.00 | 3.73E-06 | 8.65E-08 | 1.78E-08 |
| 370832.00 | 3761941.00 | 3.96E-06 | 8.50E-08 | 1.92E-08 |
| 370837.00 | 3761941.00 | 4.21E-06 | 8.36E-08 | 2.08E-08 |
| 370842.00 | 3761941.00 | 4.49E-06 | 8.24E-08 | 2.26E-08 |
| 370847.00 | 3761941.00 | 4.80E-06 | 8.12E-08 | 2.47E-08 |
| 370852.00 | 3761941.00 | 5.14E-06 | 8.02E-08 | 2.71E-08 |
| 370857.00 | 3761941.00 | 5.52E-06 | 7.94E-08 | 2.98E-08 |
| 370862.00 | 3761941.00 | 5.95E-06 | 7.86E-08 | 3.31E-08 |
| 370867.00 | 3761941.00 | 6.44E-06 | 7.80E-08 | 3.69E-08 |
| 370872.00 | 3761941.00 | 6.99E-06 | 7.74E-08 | 4.13E-08 |
| 370877.00 | 3761941.00 | 7.62E-06 | 7.70E-08 | 4.65E-08 |
| 370897.00 | 3761941.00 | 1.13E-05 | 7.65E-08 | 7.49E-08 |
| 370902.00 | 3761941.00 | 1.25E-05 | 7.65E-08 | 8.28E-08 |
| 370907.00 | 3761941.00 | 1.40E-05 | 7.65E-08 | 9.01E-08 |
| 370912.00 | 3761941.00 | 1.55E-05 | 7.65E-08 | 9.62E-08 |
| 370917.00 | 3761941.00 | 1.72E-05 | 7.67E-08 | 1.01E-07 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370922.00 | 3761941.00 | 1.81E-02 | 7.36E-05 | 9.93E-05 |
| 370927.00 | 3761941.00 | 1.96E-02 | 7.38E-05 | 1.00E-04 |
| 370932.00 | 3761941.00 | 2.10E-02 | 7.41E-05 | 9.99E-05 |
| 370802.00 | 3761946.00 | 2.52E-03 | 8.91E-05 | 1.11E-05 |
| 370807.00 | 3761946.00 | 2.65E-03 | 8.71E-05 | 1.19E-05 |
| 370812.00 | 3761946.00 | 2.80E-03 | 8.53E-05 | 1.27E-05 |
| 370817.00 | 3761946.00 | 2.96E-03 | 8.35E-05 | 1.35E-05 |
| 370822.00 | 3761946.00 | 3.13E-03 | 8.19E-05 | 1.45E-05 |
| 370827.00 | 3761946.00 | 3.31E-03 | 8.04E-05 | 1.55E-05 |
| 370832.00 | 3761946.00 | 3.51E-03 | 7.89E-05 | 1.67E-05 |
| 370837.00 | 3761946.00 | 3.73E-03 | 7.77E-05 | 1.80E-05 |
| 370842.00 | 3761946.00 | 3.96E-03 | 7.65E-05 | 1.95E-05 |
| 370847.00 | 3761946.00 | 4.22E-03 | 7.54E-05 | 2.13E-05 |
| 370852.00 | 3761946.00 | 4.51E-03 | 7.44E-05 | 2.32E-05 |
| 370857.00 | 3761946.00 | 4.83E-03 | 7.35E-05 | 2.55E-05 |
| 370862.00 | 3761946.00 | 5.19E-03 | 7.28E-05 | 2.81E-05 |
| 370867.00 | 3761946.00 | 5.60E-03 | 7.21E-05 | 3.12E-05 |
| 370872.00 | 3761946.00 | 6.05E-03 | 7.16E-05 | 3.48E-05 |
| 370877.00 | 3761946.00 | 6.58E-03 | 7.11E-05 | 3.89E-05 |
| 370882.00 | 3761946.00 | 7.18E-03 | 7.08E-05 | 4.37E-05 |
| 370897.00 | 3761946.00 | 9.57E-03 | 7.03E-05 | 6.10E-05 |
| 370902.00 | 3761946.00 | 1.06E-02 | 7.03E-05 | 6.73E-05 |
| 370907.00 | 3761946.00 | 1.17E-02 | 7.02E-05 | 7.31E-05 |
| 370912.00 | 3761946.00 | 1.30E-02 | 7.02E-05 | 7.83E-05 |
| 370917.00 | 3761946.00 | 1.43E-02 | 7.02E-05 | 8.24E-05 |
| 370922.00 | 3761946.00 | 1.57E-02 | 7.03E-05 | 8.54E-05 |
| 370927.00 | 3761946.00 | 1.70E-02 | 7.05E-05 | 8.70E-05 |
| 370932.00 | 3761946.00 | 1.82E-02 | 7.07E-05 | 8.75E-05 |
| 370937.00 | 3761946.00 | 1.93E-02 | 7.08E-05 | 8.68E-05 |
| 370807.00 | 3761951.00 | 2.49E-03 | 8.47E-05 | 1.10E-05 |
| 370812.00 | 3761951.00 | 2.62E-03 | 8.29E-05 | 1.17E-05 |
| 370817.00 | 3761951.00 | 2.76E-03 | 8.12E-05 | 1.24E-05 |
| 370822.00 | 3761951.00 | 2.91E-03 | 7.96E-05 | 1.33E-05 |
| 370827.00 | 3761951.00 | 3.08E-03 | 7.81E-05 | 1.42E-05 |
| 370832.00 | 3761951.00 | 3.26E-03 | 7.67E-05 | 1.52E-05 |
| 370837.00 | 3761951.00 | 3.45E-03 | 7.54E-05 | 1.64E-05 |
| 370842.00 | 3761951.00 | 3.66E-03 | 7.43E-05 | 1.77E-05 |
| 370847.00 | 3761951.00 | 3.89E-03 | 7.32E-05 | 1.92E-05 |
| 370852.00 | 3761951.00 | 4.15E-03 | 7.22E-05 | 2.09E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370922.00 | 3761941.00 | 1.89E-05 | 7.69E-08 | 1.04E-07 |
| 370927.00 | 3761941.00 | 2.05E-05 | 7.72E-08 | 1.05E-07 |
| 370932.00 | 3761941.00 | 2.20E-05 | 7.74E-08 | 1.04E-07 |
| 370802.00 | 3761946.00 | 2.63E-06 | 9.32E-08 | 1.16E-08 |
| 370807.00 | 3761946.00 | 2.77E-06 | 9.11E-08 | 1.24E-08 |
| 370812.00 | 3761946.00 | 2.93E-06 | 8.91E-08 | 1.32E-08 |
| 370817.00 | 3761946.00 | 3.09E-06 | 8.73E-08 | 1.41E-08 |
| 370822.00 | 3761946.00 | 3.27E-06 | 8.56E-08 | 1.51E-08 |
| 370827.00 | 3761946.00 | 3.46E-06 | 8.40E-08 | 1.62E-08 |
| 370832.00 | 3761946.00 | 3.67E-06 | 8.25E-08 | 1.75E-08 |
| 370837.00 | 3761946.00 | 3.89E-06 | 8.12E-08 | 1.89E-08 |
| 370842.00 | 3761946.00 | 4.14E-06 | 8.00E-08 | 2.04E-08 |
| 370847.00 | 3761946.00 | 4.41E-06 | 7.88E-08 | 2.22E-08 |
| 370852.00 | 3761946.00 | 4.72E-06 | 7.78E-08 | 2.43E-08 |
| 370857.00 | 3761946.00 | 5.05E-06 | 7.69E-08 | 2.66E-08 |
| 370862.00 | 3761946.00 | 5.43E-06 | 7.61E-08 | 2.94E-08 |
| 370867.00 | 3761946.00 | 5.85E-06 | 7.54E-08 | 3.26E-08 |
| 370872.00 | 3761946.00 | 6.33E-06 | 7.48E-08 | 3.63E-08 |
| 370877.00 | 3761946.00 | 6.87E-06 | 7.43E-08 | 4.07E-08 |
| 370882.00 | 3761946.00 | 7.50E-06 | 7.40E-08 | 4.56E-08 |
| 370897.00 | 3761946.00 | 1.00E-05 | 7.35E-08 | 6.38E-08 |
| 370902.00 | 3761946.00 | 1.11E-05 | 7.34E-08 | 7.03E-08 |
| 370907.00 | 3761946.00 | 1.23E-05 | 7.34E-08 | 7.64E-08 |
| 370912.00 | 3761946.00 | 1.36E-05 | 7.33E-08 | 8.18E-08 |
| 370917.00 | 3761946.00 | 1.50E-05 | 7.34E-08 | 8.62E-08 |
| 370922.00 | 3761946.00 | 1.64E-05 | 7.35E-08 | 8.92E-08 |
| 370927.00 | 3761946.00 | 1.78E-05 | 7.37E-08 | 9.10E-08 |
| 370932.00 | 3761946.00 | 1.91E-05 | 7.39E-08 | 9.14E-08 |
| 370937.00 | 3761946.00 | 2.02E-05 | 7.40E-08 | 9.07E-08 |
| 370807.00 | 3761951.00 | 2.60E-06 | 8.86E-08 | 1.15E-08 |
| 370812.00 | 3761951.00 | 2.74E-06 | 8.67E-08 | 1.22E-08 |
| 370817.00 | 3761951.00 | 2.89E-06 | 8.49E-08 | 1.30E-08 |
| 370822.00 | 3761951.00 | 3.05E-06 | 8.32E-08 | 1.39E-08 |
| 370827.00 | 3761951.00 | 3.22E-06 | 8.17E-08 | 1.48E-08 |
| 370832.00 | 3761951.00 | 3.40E-06 | 8.02E-08 | 1.59E-08 |
| 370837.00 | 3761951.00 | 3.61E-06 | 7.89E-08 | 1.71E-08 |
| 370842.00 | 3761951.00 | 3.83E-06 | 7.76E-08 | 1.85E-08 |
| 370847.00 | 3761951.00 | 4.07E-06 | 7.65E-08 | 2.01E-08 |
| 370852.00 | 3761951.00 | 4.33E-06 | 7.55E-08 | 2.18E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370857.00 | 3761951.00 | 4.43E-03 | 7.13E-05 | 2.28E-05 |
| 370862.00 | 3761951.00 | 4.75E-03 | 7.05E-05 | 2.51E-05 |
| 370867.00 | 3761951.00 | 5.10E-03 | 6.98E-05 | 2.77E-05 |
| 370872.00 | 3761951.00 | 5.50E-03 | 6.93E-05 | 3.07E-05 |
| 370877.00 | 3761951.00 | 5.96E-03 | 6.88E-05 | 3.42E-05 |
| 370882.00 | 3761951.00 | 6.48E-03 | 6.84E-05 | 3.82E-05 |
| 370902.00 | 3761951.00 | 9.41E-03 | 6.76E-05 | 5.77E-05 |
| 370907.00 | 3761951.00 | 1.04E-02 | 6.75E-05 | 6.26E-05 |
| 370912.00 | 3761951.00 | 1.14E-02 | 6.74E-05 | 6.71E-05 |
| 370917.00 | 3761951.00 | 1.25E-02 | 6.74E-05 | 7.09E-05 |
| 370922.00 | 3761951.00 | 1.37E-02 | 6.74E-05 | 7.38E-05 |
| 370927.00 | 3761951.00 | 1.48E-02 | 6.75E-05 | 7.58E-05 |
| 370932.00 | 3761951.00 | 1.59E-02 | 6.76E-05 | 7.68E-05 |
| 370937.00 | 3761951.00 | 1.69E-02 | 6.77E-05 | 7.68E-05 |
| 370942.00 | 3761951.00 | 1.78E-02 | 6.78E-05 | 7.60E-05 |
| 370807.00 | 3761956.00 | 2.34E-03 | 8.25E-05 | 1.01E-05 |
| 370812.00 | 3761956.00 | 2.45E-03 | 8.07E-05 | 1.08E-05 |
| 370817.00 | 3761956.00 | 2.58E-03 | 7.90E-05 | 1.14E-05 |
| 370822.00 | 3761956.00 | 2.72E-03 | 7.75E-05 | 1.22E-05 |
| 370827.00 | 3761956.00 | 2.87E-03 | 7.60E-05 | 1.30E-05 |
| 370832.00 | 3761956.00 | 3.03E-03 | 7.46E-05 | 1.39E-05 |
| 370837.00 | 3761956.00 | 3.20E-03 | 7.34E-05 | 1.49E-05 |
| 370842.00 | 3761956.00 | 3.39E-03 | 7.22E-05 | 1.61E-05 |
| 370847.00 | 3761956.00 | 3.59E-03 | 7.12E-05 | 1.74E-05 |
| 370852.00 | 3761956.00 | 3.82E-03 | 7.02E-05 | 1.89E-05 |
| 370857.00 | 3761956.00 | 4.07E-03 | 6.93E-05 | 2.06E-05 |
| 370862.00 | 3761956.00 | 4.35E-03 | 6.84E-05 | 2.25E-05 |
| 370867.00 | 3761956.00 | 4.67E-03 | 6.77E-05 | 2.48E-05 |
| 370872.00 | 3761956.00 | 5.02E-03 | 6.71E-05 | 2.73E-05 |
| 370877.00 | 3761956.00 | 5.42E-03 | 6.66E-05 | 3.03E-05 |
| 370882.00 | 3761956.00 | 5.88E-03 | 6.62E-05 | 3.36E-05 |
| 370887.00 | 3761956.00 | 6.40E-03 | 6.58E-05 | 3.73E-05 |
| 370907.00 | 3761956.00 | 9.22E-03 | 6.50E-05 | 5.41E-05 |
| 370912.00 | 3761956.00 | 1.01E-02 | 6.49E-05 | 5.80E-05 |
| 370917.00 | 3761956.00 | 1.11E-02 | 6.48E-05 | 6.14E-05 |
| 370922.00 | 3761956.00 | 1.20E-02 | 6.47E-05 | 6.42E-05 |
| 370927.00 | 3761956.00 | 1.30E-02 | 6.47E-05 | 6.63E-05 |
| 370932.00 | 3761956.00 | 1.40E-02 | 6.48E-05 | 6.76E-05 |
| 370937.00 | 3761956.00 | 1.49E-02 | 6.48E-05 | 6.81E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370857.00 | 3761951.00 | 4.63E-06 | 7.46E-08 | 2.39E-08 |
| 370862.00 | 3761951.00 | 4.96E-06 | 7.37E-08 | 2.62E-08 |
| 370867.00 | 3761951.00 | 5.33E-06 | 7.30E-08 | 2.90E-08 |
| 370872.00 | 3761951.00 | 5.75E-06 | 7.24E-08 | 3.21E-08 |
| 370877.00 | 3761951.00 | 6.23E-06 | 7.19E-08 | 3.58E-08 |
| 370882.00 | 3761951.00 | 6.78E-06 | 7.15E-08 | 3.99E-08 |
| 370902.00 | 3761951.00 | 9.83E-06 | 7.06E-08 | 6.03E-08 |
| 370907.00 | 3761951.00 | 1.08E-05 | 7.05E-08 | 6.55E-08 |
| 370912.00 | 3761951.00 | 1.19E-05 | 7.05E-08 | 7.02E-08 |
| 370917.00 | 3761951.00 | 1.31E-05 | 7.04E-08 | 7.41E-08 |
| 370922.00 | 3761951.00 | 1.43E-05 | 7.04E-08 | 7.72E-08 |
| 370927.00 | 3761951.00 | 1.55E-05 | 7.05E-08 | 7.92E-08 |
| 370932.00 | 3761951.00 | 1.66E-05 | 7.06E-08 | 8.02E-08 |
| 370937.00 | 3761951.00 | 1.77E-05 | 7.08E-08 | 8.03E-08 |
| 370942.00 | 3761951.00 | 1.86E-05 | 7.09E-08 | 7.95E-08 |
| 370807.00 | 3761956.00 | 2.44E-06 | 8.62E-08 | 1.06E-08 |
| 370812.00 | 3761956.00 | 2.57E-06 | 8.44E-08 | 1.13E-08 |
| 370817.00 | 3761956.00 | 2.70E-06 | 8.26E-08 | 1.20E-08 |
| 370822.00 | 3761956.00 | 2.84E-06 | 8.10E-08 | 1.27E-08 |
| 370827.00 | 3761956.00 | 3.00E-06 | 7.95E-08 | 1.36E-08 |
| 370832.00 | 3761956.00 | 3.16E-06 | 7.80E-08 | 1.46E-08 |
| 370837.00 | 3761956.00 | 3.34E-06 | 7.67E-08 | 1.56E-08 |
| 370842.00 | 3761956.00 | 3.54E-06 | 7.55E-08 | 1.68E-08 |
| 370847.00 | 3761956.00 | 3.76E-06 | 7.44E-08 | 1.82E-08 |
| 370852.00 | 3761956.00 | 4.00E-06 | 7.33E-08 | 1.97E-08 |
| 370857.00 | 3761956.00 | 4.26E-06 | 7.24E-08 | 2.15E-08 |
| 370862.00 | 3761956.00 | 4.55E-06 | 7.15E-08 | 2.35E-08 |
| 370867.00 | 3761956.00 | 4.88E-06 | 7.08E-08 | 2.59E-08 |
| 370872.00 | 3761956.00 | 5.25E-06 | 7.01E-08 | 2.86E-08 |
| 370877.00 | 3761956.00 | 5.67E-06 | 6.96E-08 | 3.16E-08 |
| 370882.00 | 3761956.00 | 6.15E-06 | 6.91E-08 | 3.51E-08 |
| 370887.00 | 3761956.00 | 6.69E-06 | 6.88E-08 | 3.90E-08 |
| 370907.00 | 3761956.00 | 9.64E-06 | 6.79E-08 | 5.65E-08 |
| 370912.00 | 3761956.00 | 1.06E-05 | 6.78E-08 | 6.06E-08 |
| 370917.00 | 3761956.00 | 1.16E-05 | 6.77E-08 | 6.42E-08 |
| 370922.00 | 3761956.00 | 1.26E-05 | 6.77E-08 | 6.71E-08 |
| 370927.00 | 3761956.00 | 1.36E-05 | 6.77E-08 | 6.93E-08 |
| 370932.00 | 3761956.00 | 1.46E-05 | 6.77E-08 | 7.06E-08 |
| 370937.00 | 3761956.00 | 1.55E-05 | 6.78E-08 | 7.12E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370942.00 | 3761956.00 | 1.56E-02 | 6.49E-05 | 6.79E-05 |
| 370812.00 | 3761961.00 | 2.30E-03 | 7.86E-05 | 9.96E-06 |
| 370817.00 | 3761961.00 | 2.42E-03 | 7.70E-05 | 1.06E-05 |
| 370822.00 | 3761961.00 | 2.54E-03 | 7.55E-05 | 1.12E-05 |
| 370827.00 | 3761961.00 | 2.68E-03 | 7.40E-05 | 1.20E-05 |
| 370832.00 | 3761961.00 | 2.82E-03 | 7.27E-05 | 1.28E-05 |
| 370837.00 | 3761961.00 | 2.97E-03 | 7.15E-05 | 1.37E-05 |
| 370842.00 | 3761961.00 | 3.14E-03 | 7.03E-05 | 1.47E-05 |
| 370847.00 | 3761961.00 | 3.33E-03 | 6.92E-05 | 1.58E-05 |
| 370852.00 | 3761961.00 | 3.53E-03 | 6.82E-05 | 1.71E-05 |
| 370857.00 | 3761961.00 | 3.76E-03 | 6.73E-05 | 1.86E-05 |
| 370862.00 | 3761961.00 | 4.01E-03 | 6.65E-05 | 2.03E-05 |
| 370867.00 | 3761961.00 | 4.28E-03 | 6.58E-05 | 2.22E-05 |
| 370872.00 | 3761961.00 | 4.60E-03 | 6.51E-05 | 2.44E-05 |
| 370877.00 | 3761961.00 | 4.95E-03 | 6.45E-05 | 2.69E-05 |
| 370882.00 | 3761961.00 | 5.35E-03 | 6.41E-05 | 2.97E-05 |
| 370887.00 | 3761961.00 | 5.81E-03 | 6.36E-05 | 3.29E-05 |
| 370892.00 | 3761961.00 | 6.32E-03 | 6.33E-05 | 3.62E-05 |
| 370912.00 | 3761961.00 | 9.01E-03 | 6.26E-05 | 5.05E-05 |
| 370917.00 | 3761961.00 | 9.82E-03 | 6.24E-05 | 5.35E-05 |
| 370922.00 | 3761961.00 | 1.07E-02 | 6.23E-05 | 5.62E-05 |
| 370927.00 | 3761961.00 | 1.15E-02 | 6.23E-05 | 5.82E-05 |
| 370932.00 | 3761961.00 | 1.23E-02 | 6.22E-05 | 5.97E-05 |
| 370937.00 | 3761961.00 | 1.31E-02 | 6.22E-05 | 6.05E-05 |
| 370942.00 | 3761961.00 | 1.38E-02 | 6.22E-05 | 6.08E-05 |
| 370817.00 | 3761966.00 | 2.27E-03 | 7.50E-05 | 9.77E-06 |
| 370822.00 | 3761966.00 | 2.38E-03 | 7.35E-05 | 1.04E-05 |
| 370827.00 | 3761966.00 | 2.50E-03 | 7.21E-05 | 1.10E-05 |
| 370832.00 | 3761966.00 | 2.63E-03 | 7.08E-05 | 1.17E-05 |
| 370837.00 | 3761966.00 | 2.77E-03 | 6.96E-05 | 1.25E-05 |
| 370842.00 | 3761966.00 | 2.92E-03 | 6.85E-05 | 1.34E-05 |
| 370847.00 | 3761966.00 | 3.09E-03 | 6.74E-05 | 1.44E-05 |
| 370852.00 | 3761966.00 | 3.27E-03 | 6.64E-05 | 1.56E-05 |
| 370857.00 | 3761966.00 | 3.47E-03 | 6.55E-05 | 1.69E-05 |
| 370862.00 | 3761966.00 | 3.70E-03 | 6.46E-05 | 1.83E-05 |
| 370867.00 | 3761966.00 | 3.94E-03 | 6.39E-05 | 2.00E-05 |
| 370872.00 | 3761966.00 | 4.22E-03 | 6.32E-05 | 2.19E-05 |
| 370877.00 | 3761966.00 | 4.54E-03 | 6.26E-05 | 2.41E-05 |
| 370882.00 | 3761966.00 | 4.89E-03 | 6.21E-05 | 2.65E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370942.00 | 3761956.00 | 1.64E-05 | 6.78E-08 | 7.10E-08 |
| 370812.00 | 3761961.00 | 2.41E-06 | 8.21E-08 | 1.04E-08 |
| 370817.00 | 3761961.00 | 2.53E-06 | 8.05E-08 | 1.10E-08 |
| 370822.00 | 3761961.00 | 2.66E-06 | 7.89E-08 | 1.17E-08 |
| 370827.00 | 3761961.00 | 2.80E-06 | 7.74E-08 | 1.25E-08 |
| 370832.00 | 3761961.00 | 2.95E-06 | 7.60E-08 | 1.33E-08 |
| 370837.00 | 3761961.00 | 3.11E-06 | 7.47E-08 | 1.43E-08 |
| 370842.00 | 3761961.00 | 3.29E-06 | 7.35E-08 | 1.53E-08 |
| 370847.00 | 3761961.00 | 3.48E-06 | 7.24E-08 | 1.65E-08 |
| 370852.00 | 3761961.00 | 3.69E-06 | 7.13E-08 | 1.79E-08 |
| 370857.00 | 3761961.00 | 3.93E-06 | 7.04E-08 | 1.94E-08 |
| 370862.00 | 3761961.00 | 4.19E-06 | 6.95E-08 | 2.12E-08 |
| 370867.00 | 3761961.00 | 4.48E-06 | 6.87E-08 | 2.32E-08 |
| 370872.00 | 3761961.00 | 4.81E-06 | 6.81E-08 | 2.55E-08 |
| 370877.00 | 3761961.00 | 5.18E-06 | 6.75E-08 | 2.81E-08 |
| 370882.00 | 3761961.00 | 5.60E-06 | 6.70E-08 | 3.11E-08 |
| 370887.00 | 3761961.00 | 6.07E-06 | 6.65E-08 | 3.43E-08 |
| 370892.00 | 3761961.00 | 6.61E-06 | 6.62E-08 | 3.79E-08 |
| 370912.00 | 3761961.00 | 9.42E-06 | 6.54E-08 | 5.28E-08 |
| 370917.00 | 3761961.00 | 1.03E-05 | 6.53E-08 | 5.60E-08 |
| 370922.00 | 3761961.00 | 1.11E-05 | 6.51E-08 | 5.87E-08 |
| 370927.00 | 3761961.00 | 1.20E-05 | 6.51E-08 | 6.09E-08 |
| 370932.00 | 3761961.00 | 1.29E-05 | 6.50E-08 | 6.24E-08 |
| 370937.00 | 3761961.00 | 1.37E-05 | 6.50E-08 | 6.33E-08 |
| 370942.00 | 3761961.00 | 1.45E-05 | 6.51E-08 | 6.35E-08 |
| 370817.00 | 3761966.00 | 2.37E-06 | 7.84E-08 | 1.02E-08 |
| 370822.00 | 3761966.00 | 2.49E-06 | 7.68E-08 | 1.08E-08 |
| 370827.00 | 3761966.00 | 2.61E-06 | 7.54E-08 | 1.15E-08 |
| 370832.00 | 3761966.00 | 2.75E-06 | 7.40E-08 | 1.23E-08 |
| 370837.00 | 3761966.00 | 2.89E-06 | 7.28E-08 | 1.31E-08 |
| 370842.00 | 3761966.00 | 3.05E-06 | 7.16E-08 | 1.40E-08 |
| 370847.00 | 3761966.00 | 3.23E-06 | 7.05E-08 | 1.51E-08 |
| 370852.00 | 3761966.00 | 3.42E-06 | 6.94E-08 | 1.63E-08 |
| 370857.00 | 3761966.00 | 3.63E-06 | 6.84E-08 | 1.76E-08 |
| 370862.00 | 3761966.00 | 3.86E-06 | 6.76E-08 | 1.92E-08 |
| 370867.00 | 3761966.00 | 4.12E-06 | 6.68E-08 | 2.09E-08 |
| 370872.00 | 3761966.00 | 4.41E-06 | 6.61E-08 | 2.29E-08 |
| 370877.00 | 3761966.00 | 4.74E-06 | 6.55E-08 | 2.52E-08 |
| 370882.00 | 3761966.00 | 5.11E-06 | 6.49E-08 | 2.77E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370887.00 | 3761966.00 | 5.29E-03 | 6.17E-05 | 2.91E-05 |
| 370892.00 | 3761966.00 | 5.74E-03 | 6.13E-05 | 3.20E-05 |
| 370897.00 | 3761966.00 | 6.24E-03 | 6.10E-05 | 3.50E-05 |
| 370912.00 | 3761966.00 | 8.07E-03 | 6.04E-05 | 4.42E-05 |
| 370917.00 | 3761966.00 | 8.77E-03 | 6.02E-05 | 4.70E-05 |
| 370922.00 | 3761966.00 | 9.49E-03 | 6.01E-05 | 4.94E-05 |
| 370927.00 | 3761966.00 | 1.02E-02 | 6.00E-05 | 5.13E-05 |
| 370932.00 | 3761966.00 | 1.10E-02 | 5.99E-05 | 5.29E-05 |
| 370937.00 | 3761966.00 | 1.17E-02 | 5.99E-05 | 5.39E-05 |
| 370942.00 | 3761966.00 | 1.23E-02 | 5.98E-05 | 5.44E-05 |
| 370947.00 | 3761966.00 | 1.29E-02 | 5.98E-05 | 5.45E-05 |
| 370822.00 | 3761971.00 | 2.23E-03 | 7.17E-05 | 9.59E-06 |
| 370827.00 | 3761971.00 | 2.34E-03 | 7.03E-05 | 1.02E-05 |
| 370832.00 | 3761971.00 | 2.46E-03 | 6.90E-05 | 1.08E-05 |
| 370837.00 | 3761971.00 | 2.58E-03 | 6.78E-05 | 1.15E-05 |
| 370842.00 | 3761971.00 | 2.72E-03 | 6.67E-05 | 1.23E-05 |
| 370847.00 | 3761971.00 | 2.87E-03 | 6.57E-05 | 1.32E-05 |
| 370852.00 | 3761971.00 | 3.04E-03 | 6.47E-05 | 1.42E-05 |
| 370857.00 | 3761971.00 | 3.22E-03 | 6.37E-05 | 1.54E-05 |
| 370862.00 | 3761971.00 | 3.42E-03 | 6.29E-05 | 1.67E-05 |
| 370867.00 | 3761971.00 | 3.64E-03 | 6.22E-05 | 1.81E-05 |
| 370872.00 | 3761971.00 | 3.89E-03 | 6.15E-05 | 1.98E-05 |
| 370877.00 | 3761971.00 | 4.17E-03 | 6.09E-05 | 2.16E-05 |
| 370882.00 | 3761971.00 | 4.48E-03 | 6.03E-05 | 2.37E-05 |
| 370887.00 | 3761971.00 | 4.84E-03 | 5.99E-05 | 2.60E-05 |
| 370892.00 | 3761971.00 | 5.23E-03 | 5.94E-05 | 2.84E-05 |
| 370897.00 | 3761971.00 | 5.67E-03 | 5.91E-05 | 3.10E-05 |
| 370917.00 | 3761971.00 | 7.86E-03 | 5.82E-05 | 4.14E-05 |
| 370922.00 | 3761971.00 | 8.50E-03 | 5.81E-05 | 4.36E-05 |
| 370927.00 | 3761971.00 | 9.14E-03 | 5.79E-05 | 4.55E-05 |
| 370932.00 | 3761971.00 | 9.78E-03 | 5.78E-05 | 4.70E-05 |
| 370937.00 | 3761971.00 | 1.04E-02 | 5.77E-05 | 4.81E-05 |
| 370942.00 | 3761971.00 | 1.10E-02 | 5.76E-05 | 4.88E-05 |
| 370947.00 | 3761971.00 | 1.15E-02 | 5.75E-05 | 4.92E-05 |
| 370952.00 | 3761971.00 | 1.20E-02 | 5.75E-05 | 4.91E-05 |
| 370822.00 | 3761976.00 | 2.09E-03 | 6.99E-05 | 8.89E-06 |
| 370827.00 | 3761976.00 | 2.19E-03 | 6.86E-05 | 9.42E-06 |
| 370832.00 | 3761976.00 | 2.30E-03 | 6.73E-05 | 9.99E-06 |
| 370837.00 | 3761976.00 | 2.41E-03 | 6.61E-05 | 1.06E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370887.00 | 3761966.00 | 5.53E-06 | 6.45E-08 | 3.04E-08 |
| 370892.00 | 3761966.00 | 6.00E-06 | 6.41E-08 | 3.34E-08 |
| 370897.00 | 3761966.00 | 6.52E-06 | 6.38E-08 | 3.66E-08 |
| 370912.00 | 3761966.00 | 8.43E-06 | 6.31E-08 | 4.62E-08 |
| 370917.00 | 3761966.00 | 9.16E-06 | 6.30E-08 | 4.91E-08 |
| 370922.00 | 3761966.00 | 9.92E-06 | 6.28E-08 | 5.16E-08 |
| 370927.00 | 3761966.00 | 1.07E-05 | 6.27E-08 | 5.37E-08 |
| 370932.00 | 3761966.00 | 1.15E-05 | 6.26E-08 | 5.53E-08 |
| 370937.00 | 3761966.00 | 1.22E-05 | 6.26E-08 | 5.63E-08 |
| 370942.00 | 3761966.00 | 1.29E-05 | 6.25E-08 | 5.69E-08 |
| 370947.00 | 3761966.00 | 1.35E-05 | 6.25E-08 | 5.70E-08 |
| 370822.00 | 3761971.00 | 2.33E-06 | 7.49E-08 | 1.00E-08 |
| 370827.00 | 3761971.00 | 2.44E-06 | 7.35E-08 | 1.06E-08 |
| 370832.00 | 3761971.00 | 2.57E-06 | 7.22E-08 | 1.13E-08 |
| 370837.00 | 3761971.00 | 2.70E-06 | 7.09E-08 | 1.20E-08 |
| 370842.00 | 3761971.00 | 2.84E-06 | 6.97E-08 | 1.29E-08 |
| 370847.00 | 3761971.00 | 3.00E-06 | 6.86E-08 | 1.38E-08 |
| 370852.00 | 3761971.00 | 3.17E-06 | 6.76E-08 | 1.49E-08 |
| 370857.00 | 3761971.00 | 3.36E-06 | 6.66E-08 | 1.61E-08 |
| 370862.00 | 3761971.00 | 3.57E-06 | 6.57E-08 | 1.74E-08 |
| 370867.00 | 3761971.00 | 3.81E-06 | 6.50E-08 | 1.89E-08 |
| 370872.00 | 3761971.00 | 4.07E-06 | 6.43E-08 | 2.07E-08 |
| 370877.00 | 3761971.00 | 4.36E-06 | 6.36E-08 | 2.26E-08 |
| 370882.00 | 3761971.00 | 4.69E-06 | 6.30E-08 | 2.48E-08 |
| 370887.00 | 3761971.00 | 5.06E-06 | 6.26E-08 | 2.71E-08 |
| 370892.00 | 3761971.00 | 5.47E-06 | 6.21E-08 | 2.97E-08 |
| 370897.00 | 3761971.00 | 5.93E-06 | 6.18E-08 | 3.24E-08 |
| 370917.00 | 3761971.00 | 8.22E-06 | 6.08E-08 | 4.33E-08 |
| 370922.00 | 3761971.00 | 8.88E-06 | 6.07E-08 | 4.56E-08 |
| 370927.00 | 3761971.00 | 9.55E-06 | 6.05E-08 | 4.75E-08 |
| 370932.00 | 3761971.00 | 1.02E-05 | 6.04E-08 | 4.91E-08 |
| 370937.00 | 3761971.00 | 1.09E-05 | 6.03E-08 | 5.03E-08 |
| 370942.00 | 3761971.00 | 1.15E-05 | 6.02E-08 | 5.11E-08 |
| 370947.00 | 3761971.00 | 1.21E-05 | 6.01E-08 | 5.14E-08 |
| 370952.00 | 3761971.00 | 1.26E-05 | 6.01E-08 | 5.14E-08 |
| 370822.00 | 3761976.00 | 2.19E-06 | 7.31E-08 | 9.29E-09 |
| 370827.00 | 3761976.00 | 2.29E-06 | 7.17E-08 | 9.84E-09 |
| 370832.00 | 3761976.00 | 2.40E-06 | 7.04E-08 | 1.04E-08 |
| 370837.00 | 3761976.00 | 2.52E-06 | 6.91E-08 | 1.11E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370842.00 | 3761976.00 | 2.54E-03 | 6.50E-05 | 1.13E-05 |
| 370847.00 | 3761976.00 | 2.67E-03 | 6.40E-05 | 1.21E-05 |
| 370852.00 | 3761976.00 | 2.82E-03 | 6.30E-05 | 1.30E-05 |
| 370857.00 | 3761976.00 | 2.99E-03 | 6.21E-05 | 1.40E-05 |
| 370862.00 | 3761976.00 | 3.17E-03 | 6.12E-05 | 1.52E-05 |
| 370867.00 | 3761976.00 | 3.37E-03 | 6.05E-05 | 1.65E-05 |
| 370872.00 | 3761976.00 | 3.59E-03 | 5.98E-05 | 1.79E-05 |
| 370877.00 | 3761976.00 | 3.84E-03 | 5.92E-05 | 1.95E-05 |
| 370882.00 | 3761976.00 | 4.12E-03 | 5.86E-05 | 2.13E-05 |
| 370887.00 | 3761976.00 | 4.44E-03 | 5.81E-05 | 2.33E-05 |
| 370892.00 | 3761976.00 | 4.78E-03 | 5.77E-05 | 2.54E-05 |
| 370897.00 | 3761976.00 | 5.17E-03 | 5.73E-05 | 2.76E-05 |
| 370902.00 | 3761976.00 | 5.59E-03 | 5.70E-05 | 2.99E-05 |
| 370922.00 | 3761976.00 | 7.64E-03 | 5.61E-05 | 3.87E-05 |
| 370927.00 | 3761976.00 | 8.20E-03 | 5.60E-05 | 4.04E-05 |
| 370932.00 | 3761976.00 | 8.77E-03 | 5.58E-05 | 4.19E-05 |
| 370937.00 | 3761976.00 | 9.33E-03 | 5.57E-05 | 4.31E-05 |
| 370942.00 | 3761976.00 | 9.86E-03 | 5.56E-05 | 4.39E-05 |
| 370947.00 | 3761976.00 | 1.04E-02 | 5.55E-05 | 4.44E-05 |
| 370952.00 | 3761976.00 | 1.08E-02 | 5.54E-05 | 4.46E-05 |
| 370957.00 | 3761976.00 | 1.12E-02 | 5.52E-05 | 4.45E-05 |
| 370827.00 | 3761981.00 | 2.06E-03 | 6.69E-05 | 8.73E-06 |
| 370832.00 | 3761981.00 | 2.15E-03 | 6.57E-05 | 9.25E-06 |
| 370837.00 | 3761981.00 | 2.26E-03 | 6.45E-05 | 9.83E-06 |
| 370842.00 | 3761981.00 | 2.37E-03 | 6.35E-05 | 1.05E-05 |
| 370847.00 | 3761981.00 | 2.50E-03 | 6.24E-05 | 1.12E-05 |
| 370852.00 | 3761981.00 | 2.63E-03 | 6.15E-05 | 1.20E-05 |
| 370857.00 | 3761981.00 | 2.78E-03 | 6.06E-05 | 1.29E-05 |
| 370862.00 | 3761981.00 | 2.94E-03 | 5.97E-05 | 1.39E-05 |
| 370867.00 | 3761981.00 | 3.13E-03 | 5.90E-05 | 1.50E-05 |
| 370872.00 | 3761981.00 | 3.33E-03 | 5.83E-05 | 1.63E-05 |
| 370877.00 | 3761981.00 | 3.55E-03 | 5.76E-05 | 1.77E-05 |
| 370882.00 | 3761981.00 | 3.80E-03 | 5.70E-05 | 1.92E-05 |
| 370887.00 | 3761981.00 | 4.08E-03 | 5.65E-05 | 2.09E-05 |
| 370892.00 | 3761981.00 | 4.39E-03 | 5.61E-05 | 2.27E-05 |
| 370897.00 | 3761981.00 | 4.73E-03 | 5.56E-05 | 2.47E-05 |
| 370902.00 | 3761981.00 | 5.10E-03 | 5.53E-05 | 2.67E-05 |
| 370907.00 | 3761981.00 | 5.51E-03 | 5.50E-05 | 2.87E-05 |
| 370922.00 | 3761981.00 | 6.90E-03 | 5.44E-05 | 3.44E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370842.00 | 3761976.00 | 2.65E-06 | 6.80E-08 | 1.19E-08 |
| 370847.00 | 3761976.00 | 2.80E-06 | 6.69E-08 | 1.27E-08 |
| 370852.00 | 3761976.00 | 2.95E-06 | 6.59E-08 | 1.36E-08 |
| 370857.00 | 3761976.00 | 3.12E-06 | 6.49E-08 | 1.47E-08 |
| 370862.00 | 3761976.00 | 3.31E-06 | 6.40E-08 | 1.59E-08 |
| 370867.00 | 3761976.00 | 3.52E-06 | 6.33E-08 | 1.72E-08 |
| 370872.00 | 3761976.00 | 3.76E-06 | 6.26E-08 | 1.87E-08 |
| 370877.00 | 3761976.00 | 4.02E-06 | 6.19E-08 | 2.04E-08 |
| 370882.00 | 3761976.00 | 4.31E-06 | 6.13E-08 | 2.23E-08 |
| 370887.00 | 3761976.00 | 4.64E-06 | 6.08E-08 | 2.43E-08 |
| 370892.00 | 3761976.00 | 5.00E-06 | 6.03E-08 | 2.65E-08 |
| 370897.00 | 3761976.00 | 5.40E-06 | 5.99E-08 | 2.88E-08 |
| 370902.00 | 3761976.00 | 5.85E-06 | 5.96E-08 | 3.12E-08 |
| 370922.00 | 3761976.00 | 7.98E-06 | 5.87E-08 | 4.04E-08 |
| 370927.00 | 3761976.00 | 8.57E-06 | 5.85E-08 | 4.22E-08 |
| 370932.00 | 3761976.00 | 9.17E-06 | 5.83E-08 | 4.38E-08 |
| 370937.00 | 3761976.00 | 9.75E-06 | 5.82E-08 | 4.50E-08 |
| 370942.00 | 3761976.00 | 1.03E-05 | 5.81E-08 | 4.59E-08 |
| 370947.00 | 3761976.00 | 1.08E-05 | 5.80E-08 | 4.64E-08 |
| 370952.00 | 3761976.00 | 1.13E-05 | 5.79E-08 | 4.66E-08 |
| 370957.00 | 3761976.00 | 1.17E-05 | 5.77E-08 | 4.65E-08 |
| 370827.00 | 3761981.00 | 2.15E-06 | 6.99E-08 | 9.13E-09 |
| 370832.00 | 3761981.00 | 2.25E-06 | 6.87E-08 | 9.67E-09 |
| 370837.00 | 3761981.00 | 2.36E-06 | 6.75E-08 | 1.03E-08 |
| 370842.00 | 3761981.00 | 2.48E-06 | 6.63E-08 | 1.09E-08 |
| 370847.00 | 3761981.00 | 2.61E-06 | 6.53E-08 | 1.17E-08 |
| 370852.00 | 3761981.00 | 2.75E-06 | 6.43E-08 | 1.25E-08 |
| 370857.00 | 3761981.00 | 2.91E-06 | 6.33E-08 | 1.35E-08 |
| 370862.00 | 3761981.00 | 3.08E-06 | 6.24E-08 | 1.45E-08 |
| 370867.00 | 3761981.00 | 3.27E-06 | 6.16E-08 | 1.57E-08 |
| 370872.00 | 3761981.00 | 3.48E-06 | 6.09E-08 | 1.70E-08 |
| 370877.00 | 3761981.00 | 3.71E-06 | 6.02E-08 | 1.85E-08 |
| 370882.00 | 3761981.00 | 3.97E-06 | 5.96E-08 | 2.01E-08 |
| 370887.00 | 3761981.00 | 4.27E-06 | 5.90E-08 | 2.19E-08 |
| 370892.00 | 3761981.00 | 4.59E-06 | 5.86E-08 | 2.38E-08 |
| 370897.00 | 3761981.00 | 4.94E-06 | 5.82E-08 | 2.58E-08 |
| 370902.00 | 3761981.00 | 5.33E-06 | 5.78E-08 | 2.79E-08 |
| 370907.00 | 3761981.00 | 5.76E-06 | 5.75E-08 | 3.00E-08 |
| 370922.00 | 3761981.00 | 7.21E-06 | 5.68E-08 | 3.60E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370927.00 | 3761981.00 | 7.39E-03 | 5.42E-05 | 3.61E-05 |
| 370932.00 | 3761981.00 | 7.90E-03 | 5.40E-05 | 3.75E-05 |
| 370937.00 | 3761981.00 | 8.39E-03 | 5.38E-05 | 3.87E-05 |
| 370942.00 | 3761981.00 | 8.87E-03 | 5.37E-05 | 3.96E-05 |
| 370947.00 | 3761981.00 | 9.33E-03 | 5.35E-05 | 4.02E-05 |
| 370952.00 | 3761981.00 | 9.75E-03 | 5.34E-05 | 4.05E-05 |
| 370957.00 | 3761981.00 | 1.01E-02 | 5.33E-05 | 4.06E-05 |
| 370832.00 | 3761986.00 | 2.02E-03 | 6.41E-05 | 8.59E-06 |
| 370837.00 | 3761986.00 | 2.12E-03 | 6.30E-05 | 9.11E-06 |
| 370842.00 | 3761986.00 | 2.22E-03 | 6.19E-05 | 9.68E-06 |
| 370847.00 | 3761986.00 | 2.34E-03 | 6.09E-05 | 1.03E-05 |
| 370852.00 | 3761986.00 | 2.46E-03 | 6.00E-05 | 1.10E-05 |
| 370857.00 | 3761986.00 | 2.59E-03 | 5.91E-05 | 1.18E-05 |
| 370862.00 | 3761986.00 | 2.74E-03 | 5.83E-05 | 1.27E-05 |
| 370867.00 | 3761986.00 | 2.91E-03 | 5.75E-05 | 1.37E-05 |
| 370872.00 | 3761986.00 | 3.09E-03 | 5.68E-05 | 1.48E-05 |
| 370877.00 | 3761986.00 | 3.29E-03 | 5.61E-05 | 1.61E-05 |
| 370882.00 | 3761986.00 | 3.52E-03 | 5.55E-05 | 1.74E-05 |
| 370887.00 | 3761986.00 | 3.76E-03 | 5.50E-05 | 1.89E-05 |
| 370892.00 | 3761986.00 | 4.04E-03 | 5.45E-05 | 2.05E-05 |
| 370897.00 | 3761986.00 | 4.34E-03 | 5.41E-05 | 2.22E-05 |
| 370902.00 | 3761986.00 | 4.67E-03 | 5.37E-05 | 2.39E-05 |
| 370907.00 | 3761986.00 | 5.03E-03 | 5.34E-05 | 2.57E-05 |
| 370927.00 | 3761986.00 | 6.69E-03 | 5.25E-05 | 3.23E-05 |
| 370932.00 | 3761986.00 | 7.14E-03 | 5.23E-05 | 3.36E-05 |
| 370937.00 | 3761986.00 | 7.58E-03 | 5.21E-05 | 3.48E-05 |
| 370942.00 | 3761986.00 | 8.02E-03 | 5.19E-05 | 3.57E-05 |
| 370947.00 | 3761986.00 | 8.43E-03 | 5.18E-05 | 3.64E-05 |
| 370952.00 | 3761986.00 | 8.82E-03 | 5.16E-05 | 3.69E-05 |
| 370957.00 | 3761986.00 | 9.17E-03 | 5.15E-05 | 3.71E-05 |
| 370962.00 | 3761986.00 | 9.48E-03 | 5.13E-05 | 3.71E-05 |
| 370832.00 | 3761991.00 | 1.90E-03 | 6.26E-05 | 7.99E-06 |
| 370837.00 | 3761991.00 | 1.99E-03 | 6.15E-05 | 8.46E-06 |
| 370842.00 | 3761991.00 | 2.09E-03 | 6.05E-05 | 8.98E-06 |
| 370847.00 | 3761991.00 | 2.19E-03 | 5.95E-05 | 9.56E-06 |
| 370852.00 | 3761991.00 | 2.30E-03 | 5.86E-05 | 1.02E-05 |
| 370857.00 | 3761991.00 | 2.42E-03 | 5.77E-05 | 1.09E-05 |
| 370862.00 | 3761991.00 | 2.56E-03 | 5.69E-05 | 1.17E-05 |
| 370867.00 | 3761991.00 | 2.71E-03 | 5.61E-05 | 1.26E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370927.00 | 3761981.00 | 7.73E-06 | 5.66E-08 | 3.77E-08 |
| 370932.00 | 3761981.00 | 8.25E-06 | 5.64E-08 | 3.92E-08 |
| 370937.00 | 3761981.00 | 8.77E-06 | 5.62E-08 | 4.04E-08 |
| 370942.00 | 3761981.00 | 9.28E-06 | 5.61E-08 | 4.13E-08 |
| 370947.00 | 3761981.00 | 9.75E-06 | 5.60E-08 | 4.20E-08 |
| 370952.00 | 3761981.00 | 1.02E-05 | 5.58E-08 | 4.24E-08 |
| 370957.00 | 3761981.00 | 1.06E-05 | 5.57E-08 | 4.25E-08 |
| 370832.00 | 3761986.00 | 2.11E-06 | 6.70E-08 | 8.98E-09 |
| 370837.00 | 3761986.00 | 2.21E-06 | 6.59E-08 | 9.52E-09 |
| 370842.00 | 3761986.00 | 2.32E-06 | 6.47E-08 | 1.01E-08 |
| 370847.00 | 3761986.00 | 2.44E-06 | 6.37E-08 | 1.08E-08 |
| 370852.00 | 3761986.00 | 2.57E-06 | 6.27E-08 | 1.15E-08 |
| 370857.00 | 3761986.00 | 2.71E-06 | 6.18E-08 | 1.24E-08 |
| 370862.00 | 3761986.00 | 2.87E-06 | 6.09E-08 | 1.33E-08 |
| 370867.00 | 3761986.00 | 3.04E-06 | 6.01E-08 | 1.44E-08 |
| 370872.00 | 3761986.00 | 3.23E-06 | 5.94E-08 | 1.55E-08 |
| 370877.00 | 3761986.00 | 3.44E-06 | 5.87E-08 | 1.68E-08 |
| 370882.00 | 3761986.00 | 3.67E-06 | 5.80E-08 | 1.82E-08 |
| 370887.00 | 3761986.00 | 3.93E-06 | 5.75E-08 | 1.98E-08 |
| 370892.00 | 3761986.00 | 4.22E-06 | 5.70E-08 | 2.14E-08 |
| 370897.00 | 3761986.00 | 4.54E-06 | 5.65E-08 | 2.32E-08 |
| 370902.00 | 3761986.00 | 4.88E-06 | 5.61E-08 | 2.50E-08 |
| 370907.00 | 3761986.00 | 5.26E-06 | 5.58E-08 | 2.68E-08 |
| 370927.00 | 3761986.00 | 7.00E-06 | 5.49E-08 | 3.38E-08 |
| 370932.00 | 3761986.00 | 7.46E-06 | 5.47E-08 | 3.52E-08 |
| 370937.00 | 3761986.00 | 7.93E-06 | 5.44E-08 | 3.64E-08 |
| 370942.00 | 3761986.00 | 8.38E-06 | 5.43E-08 | 3.73E-08 |
| 370947.00 | 3761986.00 | 8.81E-06 | 5.41E-08 | 3.80E-08 |
| 370952.00 | 3761986.00 | 9.22E-06 | 5.39E-08 | 3.85E-08 |
| 370957.00 | 3761986.00 | 9.59E-06 | 5.38E-08 | 3.88E-08 |
| 370962.00 | 3761986.00 | 9.91E-06 | 5.36E-08 | 3.88E-08 |
| 370832.00 | 3761991.00 | 1.99E-06 | 6.55E-08 | 8.35E-09 |
| 370837.00 | 3761991.00 | 2.08E-06 | 6.43E-08 | 8.84E-09 |
| 370842.00 | 3761991.00 | 2.18E-06 | 6.32E-08 | 9.39E-09 |
| 370847.00 | 3761991.00 | 2.29E-06 | 6.22E-08 | 9.99E-09 |
| 370852.00 | 3761991.00 | 2.41E-06 | 6.12E-08 | 1.07E-08 |
| 370857.00 | 3761991.00 | 2.53E-06 | 6.03E-08 | 1.14E-08 |
| 370862.00 | 3761991.00 | 2.68E-06 | 5.94E-08 | 1.22E-08 |
| 370867.00 | 3761991.00 | 2.83E-06 | 5.86E-08 | 1.32E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370872.00 | 3761991.00 | 2.87E-03 | 5.54E-05 | 1.36E-05 |
| 370877.00 | 3761991.00 | 3.06E-03 | 5.47E-05 | 1.47E-05 |
| 370882.00 | 3761991.00 | 3.26E-03 | 5.41E-05 | 1.59E-05 |
| 370887.00 | 3761991.00 | 3.48E-03 | 5.35E-05 | 1.71E-05 |
| 370892.00 | 3761991.00 | 3.73E-03 | 5.31E-05 | 1.85E-05 |
| 370897.00 | 3761991.00 | 4.00E-03 | 5.26E-05 | 2.00E-05 |
| 370902.00 | 3761991.00 | 4.29E-03 | 5.22E-05 | 2.15E-05 |
| 370907.00 | 3761991.00 | 4.61E-03 | 5.19E-05 | 2.31E-05 |
| 370912.00 | 3761991.00 | 4.95E-03 | 5.16E-05 | 2.46E-05 |
| 370932.00 | 3761991.00 | 6.48E-03 | 5.07E-05 | 3.03E-05 |
| 370937.00 | 3761991.00 | 6.88E-03 | 5.05E-05 | 3.14E-05 |
| 370942.00 | 3761991.00 | 7.27E-03 | 5.03E-05 | 3.23E-05 |
| 370947.00 | 3761991.00 | 7.65E-03 | 5.01E-05 | 3.30E-05 |
| 370952.00 | 3761991.00 | 8.00E-03 | 5.00E-05 | 3.36E-05 |
| 370957.00 | 3761991.00 | 8.33E-03 | 4.98E-05 | 3.39E-05 |
| 370962.00 | 3761991.00 | 8.60E-03 | 4.96E-05 | 3.40E-05 |
| 370967.00 | 3761991.00 | 8.86E-03 | 4.94E-05 | 3.40E-05 |
| 370837.00 | 3761996.00 | 1.87E-03 | 6.01E-05 | 7.87E-06 |
| 370842.00 | 3761996.00 | 1.96E-03 | 5.91E-05 | 8.35E-06 |
| 370847.00 | 3761996.00 | 2.05E-03 | 5.81E-05 | 8.87E-06 |
| 370852.00 | 3761996.00 | 2.16E-03 | 5.72E-05 | 9.45E-06 |
| 370857.00 | 3761996.00 | 2.27E-03 | 5.64E-05 | 1.01E-05 |
| 370862.00 | 3761996.00 | 2.39E-03 | 5.55E-05 | 1.08E-05 |
| 370867.00 | 3761996.00 | 2.53E-03 | 5.48E-05 | 1.16E-05 |
| 370872.00 | 3761996.00 | 2.68E-03 | 5.41E-05 | 1.25E-05 |
| 370877.00 | 3761996.00 | 2.84E-03 | 5.34E-05 | 1.34E-05 |
| 370882.00 | 3761996.00 | 3.03E-03 | 5.28E-05 | 1.45E-05 |
| 370887.00 | 3761996.00 | 3.22E-03 | 5.22E-05 | 1.56E-05 |
| 370892.00 | 3761996.00 | 3.45E-03 | 5.17E-05 | 1.68E-05 |
| 370897.00 | 3761996.00 | 3.69E-03 | 5.13E-05 | 1.81E-05 |
| 370902.00 | 3761996.00 | 3.95E-03 | 5.09E-05 | 1.95E-05 |
| 370907.00 | 3761996.00 | 4.23E-03 | 5.05E-05 | 2.08E-05 |
| 370912.00 | 3761996.00 | 4.54E-03 | 5.02E-05 | 2.22E-05 |
| 370917.00 | 3761996.00 | 4.86E-03 | 4.99E-05 | 2.36E-05 |
| 370937.00 | 3761996.00 | 6.26E-03 | 4.90E-05 | 2.84E-05 |
| 370942.00 | 3761996.00 | 6.61E-03 | 4.88E-05 | 2.93E-05 |
| 370947.00 | 3761996.00 | 6.95E-03 | 4.86E-05 | 3.00E-05 |
| 370952.00 | 3761996.00 | 7.28E-03 | 4.84E-05 | 3.06E-05 |
| 370957.00 | 3761996.00 | 7.59E-03 | 4.82E-05 | 3.10E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370872.00 | 3761991.00 | 3.00E-06 | 5.79E-08 | 1.42E-08 |
| 370877.00 | 3761991.00 | 3.19E-06 | 5.72E-08 | 1.53E-08 |
| 370882.00 | 3761991.00 | 3.41E-06 | 5.66E-08 | 1.66E-08 |
| 370887.00 | 3761991.00 | 3.63E-06 | 5.60E-08 | 1.79E-08 |
| 370892.00 | 3761991.00 | 3.90E-06 | 5.55E-08 | 1.94E-08 |
| 370897.00 | 3761991.00 | 4.18E-06 | 5.50E-08 | 2.09E-08 |
| 370902.00 | 3761991.00 | 4.48E-06 | 5.46E-08 | 2.25E-08 |
| 370907.00 | 3761991.00 | 4.82E-06 | 5.42E-08 | 2.41E-08 |
| 370912.00 | 3761991.00 | 5.17E-06 | 5.39E-08 | 2.58E-08 |
| 370932.00 | 3761991.00 | 6.77E-06 | 5.30E-08 | 3.17E-08 |
| 370937.00 | 3761991.00 | 7.19E-06 | 5.28E-08 | 3.28E-08 |
| 370942.00 | 3761991.00 | 7.60E-06 | 5.26E-08 | 3.38E-08 |
| 370947.00 | 3761991.00 | 7.99E-06 | 5.24E-08 | 3.45E-08 |
| 370952.00 | 3761991.00 | 8.36E-06 | 5.22E-08 | 3.51E-08 |
| 370957.00 | 3761991.00 | 8.71E-06 | 5.20E-08 | 3.54E-08 |
| 370962.00 | 3761991.00 | 8.99E-06 | 5.18E-08 | 3.56E-08 |
| 370967.00 | 3761991.00 | 9.26E-06 | 5.17E-08 | 3.56E-08 |
| 370837.00 | 3761996.00 | 1.96E-06 | 6.28E-08 | 8.23E-09 |
| 370842.00 | 3761996.00 | 2.05E-06 | 6.18E-08 | 8.72E-09 |
| 370847.00 | 3761996.00 | 2.15E-06 | 6.08E-08 | 9.27E-09 |
| 370852.00 | 3761996.00 | 2.25E-06 | 5.98E-08 | 9.87E-09 |
| 370857.00 | 3761996.00 | 2.37E-06 | 5.89E-08 | 1.05E-08 |
| 370862.00 | 3761996.00 | 2.50E-06 | 5.80E-08 | 1.13E-08 |
| 370867.00 | 3761996.00 | 2.64E-06 | 5.72E-08 | 1.21E-08 |
| 370872.00 | 3761996.00 | 2.80E-06 | 5.65E-08 | 1.30E-08 |
| 370877.00 | 3761996.00 | 2.97E-06 | 5.58E-08 | 1.40E-08 |
| 370882.00 | 3761996.00 | 3.16E-06 | 5.52E-08 | 1.51E-08 |
| 370887.00 | 3761996.00 | 3.36E-06 | 5.46E-08 | 1.63E-08 |
| 370892.00 | 3761996.00 | 3.60E-06 | 5.41E-08 | 1.76E-08 |
| 370897.00 | 3761996.00 | 3.86E-06 | 5.36E-08 | 1.89E-08 |
| 370902.00 | 3761996.00 | 4.13E-06 | 5.32E-08 | 2.03E-08 |
| 370907.00 | 3761996.00 | 4.43E-06 | 5.28E-08 | 2.18E-08 |
| 370912.00 | 3761996.00 | 4.74E-06 | 5.24E-08 | 2.32E-08 |
| 370917.00 | 3761996.00 | 5.08E-06 | 5.21E-08 | 2.47E-08 |
| 370937.00 | 3761996.00 | 6.54E-06 | 5.12E-08 | 2.97E-08 |
| 370942.00 | 3761996.00 | 6.91E-06 | 5.10E-08 | 3.06E-08 |
| 370947.00 | 3761996.00 | 7.27E-06 | 5.08E-08 | 3.14E-08 |
| 370952.00 | 3761996.00 | 7.61E-06 | 5.06E-08 | 3.20E-08 |
| 370957.00 | 3761996.00 | 7.93E-06 | 5.04E-08 | 3.24E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370962.00 | 3761996.00 | 7.84E-03 | 4.80E-05 | 3.13E-05 |
| 370967.00 | 3761996.00 | 8.09E-03 | 4.79E-05 | 3.14E-05 |
| 370972.00 | 3761996.00 | 8.31E-03 | 4.77E-05 | 3.13E-05 |
| 370842.00 | 3762001.00 | 1.84E-03 | 5.78E-05 | 7.77E-06 |
| 370847.00 | 3762001.00 | 1.93E-03 | 5.68E-05 | 8.24E-06 |
| 370852.00 | 3762001.00 | 2.03E-03 | 5.59E-05 | 8.77E-06 |
| 370857.00 | 3762001.00 | 2.13E-03 | 5.51E-05 | 9.35E-06 |
| 370862.00 | 3762001.00 | 2.24E-03 | 5.43E-05 | 9.99E-06 |
| 370867.00 | 3762001.00 | 2.37E-03 | 5.35E-05 | 1.07E-05 |
| 370872.00 | 3762001.00 | 2.50E-03 | 5.28E-05 | 1.15E-05 |
| 370877.00 | 3762001.00 | 2.65E-03 | 5.21E-05 | 1.23E-05 |
| 370882.00 | 3762001.00 | 2.82E-03 | 5.15E-05 | 1.32E-05 |
| 370887.00 | 3762001.00 | 3.00E-03 | 5.10E-05 | 1.43E-05 |
| 370892.00 | 3762001.00 | 3.20E-03 | 5.05E-05 | 1.53E-05 |
| 370897.00 | 3762001.00 | 3.41E-03 | 5.00E-05 | 1.65E-05 |
| 370902.00 | 3762001.00 | 3.65E-03 | 4.96E-05 | 1.77E-05 |
| 370907.00 | 3762001.00 | 3.90E-03 | 4.92E-05 | 1.89E-05 |
| 370912.00 | 3762001.00 | 4.17E-03 | 4.88E-05 | 2.01E-05 |
| 370917.00 | 3762001.00 | 4.46E-03 | 4.86E-05 | 2.13E-05 |
| 370922.00 | 3762001.00 | 4.76E-03 | 4.83E-05 | 2.25E-05 |
| 370937.00 | 3762001.00 | 5.71E-03 | 4.76E-05 | 2.58E-05 |
| 370942.00 | 3762001.00 | 6.03E-03 | 4.74E-05 | 2.66E-05 |
| 370947.00 | 3762001.00 | 6.34E-03 | 4.72E-05 | 2.74E-05 |
| 370952.00 | 3762001.00 | 6.64E-03 | 4.70E-05 | 2.80E-05 |
| 370957.00 | 3762001.00 | 6.93E-03 | 4.68E-05 | 2.84E-05 |
| 370962.00 | 3762001.00 | 7.20E-03 | 4.66E-05 | 2.87E-05 |
| 370967.00 | 3762001.00 | 7.44E-03 | 4.64E-05 | 2.89E-05 |
| 370972.00 | 3762001.00 | 7.64E-03 | 4.62E-05 | 2.90E-05 |
| 370847.00 | 3762006.00 | 1.82E-03 | 5.56E-05 | 7.68E-06 |
| 370852.00 | 3762006.00 | 1.91E-03 | 5.47E-05 | 8.16E-06 |
| 370857.00 | 3762006.00 | 2.00E-03 | 5.38E-05 | 8.68E-06 |
| 370862.00 | 3762006.00 | 2.10E-03 | 5.31E-05 | 9.26E-06 |
| 370867.00 | 3762006.00 | 2.22E-03 | 5.23E-05 | 9.89E-06 |
| 370872.00 | 3762006.00 | 2.34E-03 | 5.16E-05 | 1.06E-05 |
| 370877.00 | 3762006.00 | 2.48E-03 | 5.09E-05 | 1.13E-05 |
| 370882.00 | 3762006.00 | 2.63E-03 | 5.03E-05 | 1.22E-05 |
| 370887.00 | 3762006.00 | 2.79E-03 | 4.98E-05 | 1.31E-05 |
| 370892.00 | 3762006.00 | 2.97E-03 | 4.93E-05 | 1.40E-05 |
| 370897.00 | 3762006.00 | 3.17E-03 | 4.88E-05 | 1.50E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370962.00 | 3761996.00 | 8.20E-06 | 5.02E-08 | 3.27E-08 |
| 370967.00 | 3761996.00 | 8.45E-06 | 5.00E-08 | 3.28E-08 |
| 370972.00 | 3761996.00 | 8.69E-06 | 4.98E-08 | 3.27E-08 |
| 370842.00 | 3762001.00 | 1.93E-06 | 6.04E-08 | 8.12E-09 |
| 370847.00 | 3762001.00 | 2.02E-06 | 5.94E-08 | 8.62E-09 |
| 370852.00 | 3762001.00 | 2.12E-06 | 5.85E-08 | 9.16E-09 |
| 370857.00 | 3762001.00 | 2.23E-06 | 5.76E-08 | 9.77E-09 |
| 370862.00 | 3762001.00 | 2.34E-06 | 5.67E-08 | 1.04E-08 |
| 370867.00 | 3762001.00 | 2.47E-06 | 5.59E-08 | 1.12E-08 |
| 370872.00 | 3762001.00 | 2.62E-06 | 5.52E-08 | 1.20E-08 |
| 370877.00 | 3762001.00 | 2.77E-06 | 5.45E-08 | 1.29E-08 |
| 370882.00 | 3762001.00 | 2.94E-06 | 5.39E-08 | 1.38E-08 |
| 370887.00 | 3762001.00 | 3.13E-06 | 5.33E-08 | 1.49E-08 |
| 370892.00 | 3762001.00 | 3.34E-06 | 5.27E-08 | 1.60E-08 |
| 370897.00 | 3762001.00 | 3.57E-06 | 5.22E-08 | 1.72E-08 |
| 370902.00 | 3762001.00 | 3.81E-06 | 5.18E-08 | 1.85E-08 |
| 370907.00 | 3762001.00 | 4.08E-06 | 5.14E-08 | 1.97E-08 |
| 370912.00 | 3762001.00 | 4.36E-06 | 5.11E-08 | 2.10E-08 |
| 370917.00 | 3762001.00 | 4.66E-06 | 5.07E-08 | 2.23E-08 |
| 370922.00 | 3762001.00 | 4.97E-06 | 5.05E-08 | 2.36E-08 |
| 370937.00 | 3762001.00 | 5.97E-06 | 4.97E-08 | 2.69E-08 |
| 370942.00 | 3762001.00 | 6.30E-06 | 4.95E-08 | 2.78E-08 |
| 370947.00 | 3762001.00 | 6.63E-06 | 4.93E-08 | 2.86E-08 |
| 370952.00 | 3762001.00 | 6.95E-06 | 4.91E-08 | 2.92E-08 |
| 370957.00 | 3762001.00 | 7.24E-06 | 4.89E-08 | 2.97E-08 |
| 370962.00 | 3762001.00 | 7.52E-06 | 4.87E-08 | 3.00E-08 |
| 370967.00 | 3762001.00 | 7.77E-06 | 4.85E-08 | 3.02E-08 |
| 370972.00 | 3762001.00 | 7.99E-06 | 4.83E-08 | 3.03E-08 |
| 370847.00 | 3762006.00 | 1.90E-06 | 5.81E-08 | 8.03E-09 |
| 370852.00 | 3762006.00 | 1.99E-06 | 5.72E-08 | 8.52E-09 |
| 370857.00 | 3762006.00 | 2.09E-06 | 5.63E-08 | 9.07E-09 |
| 370862.00 | 3762006.00 | 2.20E-06 | 5.55E-08 | 9.67E-09 |
| 370867.00 | 3762006.00 | 2.32E-06 | 5.47E-08 | 1.03E-08 |
| 370872.00 | 3762006.00 | 2.45E-06 | 5.39E-08 | 1.11E-08 |
| 370877.00 | 3762006.00 | 2.59E-06 | 5.32E-08 | 1.19E-08 |
| 370882.00 | 3762006.00 | 2.75E-06 | 5.26E-08 | 1.27E-08 |
| 370887.00 | 3762006.00 | 2.92E-06 | 5.20E-08 | 1.37E-08 |
| 370892.00 | 3762006.00 | 3.11E-06 | 5.15E-08 | 1.46E-08 |
| 370897.00 | 3762006.00 | 3.31E-06 | 5.10E-08 | 1.57E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370902.00 | 3762006.00 | 3.38E-03 | 4.83E-05 | 1.61E-05 |
| 370907.00 | 3762006.00 | 3.60E-03 | 4.80E-05 | 1.72E-05 |
| 370912.00 | 3762006.00 | 3.85E-03 | 4.76E-05 | 1.83E-05 |
| 370917.00 | 3762006.00 | 4.10E-03 | 4.73E-05 | 1.94E-05 |
| 370922.00 | 3762006.00 | 4.37E-03 | 4.70E-05 | 2.05E-05 |
| 370942.00 | 3762006.00 | 5.52E-03 | 4.60E-05 | 2.42E-05 |
| 370947.00 | 3762006.00 | 5.80E-03 | 4.58E-05 | 2.50E-05 |
| 370952.00 | 3762006.00 | 6.08E-03 | 4.56E-05 | 2.56E-05 |
| 370957.00 | 3762006.00 | 6.34E-03 | 4.54E-05 | 2.61E-05 |
| 370962.00 | 3762006.00 | 6.59E-03 | 4.52E-05 | 2.64E-05 |
| 370967.00 | 3762006.00 | 6.82E-03 | 4.50E-05 | 2.67E-05 |
| 370972.00 | 3762006.00 | 7.03E-03 | 4.48E-05 | 2.68E-05 |
| 370977.00 | 3762006.00 | 7.21E-03 | 4.46E-05 | 2.68E-05 |
| 370847.00 | 3762011.00 | 1.71E-03 | 5.44E-05 | 7.17E-06 |
| 370852.00 | 3762011.00 | 1.80E-03 | 5.35E-05 | 7.60E-06 |
| 370857.00 | 3762011.00 | 1.88E-03 | 5.27E-05 | 8.08E-06 |
| 370862.00 | 3762011.00 | 1.98E-03 | 5.19E-05 | 8.60E-06 |
| 370867.00 | 3762011.00 | 2.08E-03 | 5.12E-05 | 9.17E-06 |
| 370872.00 | 3762011.00 | 2.20E-03 | 5.05E-05 | 9.79E-06 |
| 370877.00 | 3762011.00 | 2.32E-03 | 4.98E-05 | 1.05E-05 |
| 370882.00 | 3762011.00 | 2.46E-03 | 4.92E-05 | 1.12E-05 |
| 370887.00 | 3762011.00 | 2.61E-03 | 4.86E-05 | 1.20E-05 |
| 370892.00 | 3762011.00 | 2.77E-03 | 4.81E-05 | 1.28E-05 |
| 370897.00 | 3762011.00 | 2.94E-03 | 4.76E-05 | 1.37E-05 |
| 370902.00 | 3762011.00 | 3.13E-03 | 4.72E-05 | 1.47E-05 |
| 370907.00 | 3762011.00 | 3.34E-03 | 4.68E-05 | 1.57E-05 |
| 370912.00 | 3762011.00 | 3.55E-03 | 4.64E-05 | 1.66E-05 |
| 370917.00 | 3762011.00 | 3.78E-03 | 4.61E-05 | 1.76E-05 |
| 370922.00 | 3762011.00 | 4.03E-03 | 4.58E-05 | 1.86E-05 |
| 370927.00 | 3762011.00 | 4.28E-03 | 4.55E-05 | 1.96E-05 |
| 370947.00 | 3762011.00 | 5.32E-03 | 4.46E-05 | 2.28E-05 |
| 370952.00 | 3762011.00 | 5.58E-03 | 4.43E-05 | 2.34E-05 |
| 370957.00 | 3762011.00 | 5.82E-03 | 4.41E-05 | 2.39E-05 |
| 370962.00 | 3762011.00 | 6.05E-03 | 4.39E-05 | 2.43E-05 |
| 370967.00 | 3762011.00 | 6.27E-03 | 4.37E-05 | 2.46E-05 |
| 370972.00 | 3762011.00 | 6.47E-03 | 4.35E-05 | 2.48E-05 |
| 370977.00 | 3762011.00 | 6.65E-03 | 4.33E-05 | 2.49E-05 |
| 370982.00 | 3762011.00 | 6.80E-03 | 4.31E-05 | 2.49E-05 |
| 370852.00 | 3762016.00 | 1.69E-03 | 5.24E-05 | 7.10E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370902.00 | 3762006.00 | 3.53E-06 | 5.05E-08 | 1.68E-08 |
| 370907.00 | 3762006.00 | 3.77E-06 | 5.01E-08 | 1.79E-08 |
| 370912.00 | 3762006.00 | 4.02E-06 | 4.98E-08 | 1.91E-08 |
| 370917.00 | 3762006.00 | 4.29E-06 | 4.94E-08 | 2.02E-08 |
| 370922.00 | 3762006.00 | 4.57E-06 | 4.91E-08 | 2.14E-08 |
| 370942.00 | 3762006.00 | 5.77E-06 | 4.81E-08 | 2.53E-08 |
| 370947.00 | 3762006.00 | 6.06E-06 | 4.79E-08 | 2.61E-08 |
| 370952.00 | 3762006.00 | 6.35E-06 | 4.77E-08 | 2.67E-08 |
| 370957.00 | 3762006.00 | 6.63E-06 | 4.75E-08 | 2.72E-08 |
| 370962.00 | 3762006.00 | 6.89E-06 | 4.73E-08 | 2.76E-08 |
| 370967.00 | 3762006.00 | 7.13E-06 | 4.71E-08 | 2.79E-08 |
| 370972.00 | 3762006.00 | 7.35E-06 | 4.69E-08 | 2.80E-08 |
| 370977.00 | 3762006.00 | 7.53E-06 | 4.67E-08 | 2.80E-08 |
| 370847.00 | 3762011.00 | 1.79E-06 | 5.68E-08 | 7.50E-09 |
| 370852.00 | 3762011.00 | 1.88E-06 | 5.59E-08 | 7.95E-09 |
| 370857.00 | 3762011.00 | 1.97E-06 | 5.51E-08 | 8.44E-09 |
| 370862.00 | 3762011.00 | 2.07E-06 | 5.42E-08 | 8.98E-09 |
| 370867.00 | 3762011.00 | 2.18E-06 | 5.35E-08 | 9.58E-09 |
| 370872.00 | 3762011.00 | 2.30E-06 | 5.28E-08 | 1.02E-08 |
| 370877.00 | 3762011.00 | 2.43E-06 | 5.21E-08 | 1.09E-08 |
| 370882.00 | 3762011.00 | 2.57E-06 | 5.14E-08 | 1.17E-08 |
| 370887.00 | 3762011.00 | 2.72E-06 | 5.08E-08 | 1.25E-08 |
| 370892.00 | 3762011.00 | 2.89E-06 | 5.03E-08 | 1.34E-08 |
| 370897.00 | 3762011.00 | 3.07E-06 | 4.98E-08 | 1.44E-08 |
| 370902.00 | 3762011.00 | 3.28E-06 | 4.93E-08 | 1.53E-08 |
| 370907.00 | 3762011.00 | 3.49E-06 | 4.89E-08 | 1.64E-08 |
| 370912.00 | 3762011.00 | 3.72E-06 | 4.85E-08 | 1.74E-08 |
| 370917.00 | 3762011.00 | 3.96E-06 | 4.82E-08 | 1.84E-08 |
| 370922.00 | 3762011.00 | 4.21E-06 | 4.79E-08 | 1.95E-08 |
| 370927.00 | 3762011.00 | 4.47E-06 | 4.75E-08 | 2.05E-08 |
| 370947.00 | 3762011.00 | 5.56E-06 | 4.66E-08 | 2.39E-08 |
| 370952.00 | 3762011.00 | 5.83E-06 | 4.63E-08 | 2.45E-08 |
| 370957.00 | 3762011.00 | 6.08E-06 | 4.61E-08 | 2.50E-08 |
| 370962.00 | 3762011.00 | 6.33E-06 | 4.59E-08 | 2.54E-08 |
| 370967.00 | 3762011.00 | 6.56E-06 | 4.57E-08 | 2.57E-08 |
| 370972.00 | 3762011.00 | 6.76E-06 | 4.55E-08 | 2.59E-08 |
| 370977.00 | 3762011.00 | 6.95E-06 | 4.53E-08 | 2.60E-08 |
| 370982.00 | 3762011.00 | 7.11E-06 | 4.51E-08 | 2.60E-08 |
| 370852.00 | 3762016.00 | 1.77E-06 | 5.47E-08 | 7.42E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370857.00 | 3762016.00 | 1.77E-03 | 5.15E-05 | 7.53E-06 |
| 370862.00 | 3762016.00 | 1.86E-03 | 5.08E-05 | 8.00E-06 |
| 370867.00 | 3762016.00 | 1.96E-03 | 5.01E-05 | 8.52E-06 |
| 370872.00 | 3762016.00 | 2.06E-03 | 4.94E-05 | 9.08E-06 |
| 370877.00 | 3762016.00 | 2.18E-03 | 4.87E-05 | 9.69E-06 |
| 370882.00 | 3762016.00 | 2.30E-03 | 4.81E-05 | 1.04E-05 |
| 370887.00 | 3762016.00 | 2.44E-03 | 4.75E-05 | 1.11E-05 |
| 370892.00 | 3762016.00 | 2.58E-03 | 4.70E-05 | 1.18E-05 |
| 370897.00 | 3762016.00 | 2.73E-03 | 4.65E-05 | 1.26E-05 |
| 370902.00 | 3762016.00 | 2.91E-03 | 4.61E-05 | 1.35E-05 |
| 370907.00 | 3762016.00 | 3.10E-03 | 4.57E-05 | 1.43E-05 |
| 370912.00 | 3762016.00 | 3.29E-03 | 4.53E-05 | 1.52E-05 |
| 370917.00 | 3762016.00 | 3.50E-03 | 4.50E-05 | 1.61E-05 |
| 370922.00 | 3762016.00 | 3.72E-03 | 4.46E-05 | 1.70E-05 |
| 370927.00 | 3762016.00 | 3.94E-03 | 4.43E-05 | 1.79E-05 |
| 370932.00 | 3762016.00 | 4.18E-03 | 4.41E-05 | 1.87E-05 |
| 370947.00 | 3762016.00 | 4.89E-03 | 4.34E-05 | 2.09E-05 |
| 370952.00 | 3762016.00 | 5.13E-03 | 4.32E-05 | 2.15E-05 |
| 370957.00 | 3762016.00 | 5.35E-03 | 4.29E-05 | 2.20E-05 |
| 370962.00 | 3762016.00 | 5.57E-03 | 4.27E-05 | 2.24E-05 |
| 370967.00 | 3762016.00 | 5.78E-03 | 4.25E-05 | 2.28E-05 |
| 370972.00 | 3762016.00 | 5.96E-03 | 4.23E-05 | 2.30E-05 |
| 370977.00 | 3762016.00 | 6.14E-03 | 4.21E-05 | 2.31E-05 |
| 370982.00 | 3762016.00 | 6.29E-03 | 4.19E-05 | 2.32E-05 |
| 370857.00 | 3762021.00 | 1.67E-03 | 5.05E-05 | 7.03E-06 |
| 370862.00 | 3762021.00 | 1.76E-03 | 4.97E-05 | 7.46E-06 |
| 370867.00 | 3762021.00 | 1.84E-03 | 4.90E-05 | 7.93E-06 |
| 370872.00 | 3762021.00 | 1.94E-03 | 4.83E-05 | 8.44E-06 |
| 370877.00 | 3762021.00 | 2.05E-03 | 4.77E-05 | 8.99E-06 |
| 370882.00 | 3762021.00 | 2.16E-03 | 4.71E-05 | 9.58E-06 |
| 370887.00 | 3762021.00 | 2.27E-03 | 4.65E-05 | 1.02E-05 |
| 370892.00 | 3762021.00 | 2.39E-03 | 4.59E-05 | 1.08E-05 |
| 370897.00 | 3762021.00 | 2.54E-03 | 4.55E-05 | 1.15E-05 |
| 370902.00 | 3762021.00 | 2.70E-03 | 4.50E-05 | 1.23E-05 |
| 370907.00 | 3762021.00 | 2.88E-03 | 4.46E-05 | 1.31E-05 |
| 370912.00 | 3762021.00 | 3.06E-03 | 4.42E-05 | 1.39E-05 |
| 370917.00 | 3762021.00 | 3.25E-03 | 4.39E-05 | 1.47E-05 |
| 370922.00 | 3762021.00 | 3.44E-03 | 4.36E-05 | 1.56E-05 |
| 370927.00 | 3762021.00 | 3.65E-03 | 4.33E-05 | 1.64E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370857.00 | 3762016.00 | 1.85E-06 | 5.39E-08 | 7.87E-09 |
| 370862.00 | 3762016.00 | 1.95E-06 | 5.31E-08 | 8.36E-09 |
| 370867.00 | 3762016.00 | 2.05E-06 | 5.23E-08 | 8.90E-09 |
| 370872.00 | 3762016.00 | 2.16E-06 | 5.16E-08 | 9.49E-09 |
| 370877.00 | 3762016.00 | 2.28E-06 | 5.09E-08 | 1.01E-08 |
| 370882.00 | 3762016.00 | 2.41E-06 | 5.03E-08 | 1.08E-08 |
| 370887.00 | 3762016.00 | 2.55E-06 | 4.97E-08 | 1.16E-08 |
| 370892.00 | 3762016.00 | 2.69E-06 | 4.91E-08 | 1.23E-08 |
| 370897.00 | 3762016.00 | 2.86E-06 | 4.86E-08 | 1.32E-08 |
| 370902.00 | 3762016.00 | 3.04E-06 | 4.82E-08 | 1.41E-08 |
| 370907.00 | 3762016.00 | 3.24E-06 | 4.78E-08 | 1.50E-08 |
| 370912.00 | 3762016.00 | 3.44E-06 | 4.74E-08 | 1.59E-08 |
| 370917.00 | 3762016.00 | 3.66E-06 | 4.70E-08 | 1.68E-08 |
| 370922.00 | 3762016.00 | 3.89E-06 | 4.67E-08 | 1.78E-08 |
| 370927.00 | 3762016.00 | 4.12E-06 | 4.63E-08 | 1.87E-08 |
| 370932.00 | 3762016.00 | 4.37E-06 | 4.61E-08 | 1.96E-08 |
| 370947.00 | 3762016.00 | 5.11E-06 | 4.53E-08 | 2.19E-08 |
| 370952.00 | 3762016.00 | 5.36E-06 | 4.51E-08 | 2.25E-08 |
| 370957.00 | 3762016.00 | 5.60E-06 | 4.49E-08 | 2.30E-08 |
| 370962.00 | 3762016.00 | 5.82E-06 | 4.47E-08 | 2.34E-08 |
| 370967.00 | 3762016.00 | 6.04E-06 | 4.44E-08 | 2.38E-08 |
| 370972.00 | 3762016.00 | 6.23E-06 | 4.42E-08 | 2.40E-08 |
| 370977.00 | 3762016.00 | 6.41E-06 | 4.40E-08 | 2.42E-08 |
| 370982.00 | 3762016.00 | 6.57E-06 | 4.38E-08 | 2.42E-08 |
| 370857.00 | 3762021.00 | 1.75E-06 | 5.27E-08 | 7.35E-09 |
| 370862.00 | 3762021.00 | 1.84E-06 | 5.20E-08 | 7.80E-09 |
| 370867.00 | 3762021.00 | 1.93E-06 | 5.12E-08 | 8.29E-09 |
| 370872.00 | 3762021.00 | 2.03E-06 | 5.05E-08 | 8.82E-09 |
| 370877.00 | 3762021.00 | 2.14E-06 | 4.98E-08 | 9.39E-09 |
| 370882.00 | 3762021.00 | 2.26E-06 | 4.92E-08 | 1.00E-08 |
| 370887.00 | 3762021.00 | 2.37E-06 | 4.86E-08 | 1.07E-08 |
| 370892.00 | 3762021.00 | 2.50E-06 | 4.80E-08 | 1.13E-08 |
| 370897.00 | 3762021.00 | 2.65E-06 | 4.75E-08 | 1.21E-08 |
| 370902.00 | 3762021.00 | 2.82E-06 | 4.71E-08 | 1.29E-08 |
| 370907.00 | 3762021.00 | 3.01E-06 | 4.66E-08 | 1.37E-08 |
| 370912.00 | 3762021.00 | 3.20E-06 | 4.62E-08 | 1.46E-08 |
| 370917.00 | 3762021.00 | 3.39E-06 | 4.59E-08 | 1.54E-08 |
| 370922.00 | 3762021.00 | 3.60E-06 | 4.55E-08 | 1.63E-08 |
| 370927.00 | 3762021.00 | 3.81E-06 | 4.52E-08 | 1.71E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370932.00 | 3762021.00 | 3.86E-03 | 4.30E-05 | 1.71E-05 |
| 370952.00 | 3762021.00 | 4.72E-03 | 4.20E-05 | 1.98E-05 |
| 370957.00 | 3762021.00 | 4.93E-03 | 4.18E-05 | 2.03E-05 |
| 370962.00 | 3762021.00 | 5.14E-03 | 4.16E-05 | 2.07E-05 |
| 370967.00 | 3762021.00 | 5.33E-03 | 4.14E-05 | 2.10E-05 |
| 370972.00 | 3762021.00 | 5.51E-03 | 4.12E-05 | 2.13E-05 |
| 370977.00 | 3762021.00 | 5.67E-03 | 4.10E-05 | 2.15E-05 |
| 370982.00 | 3762021.00 | 5.82E-03 | 4.08E-05 | 2.16E-05 |
| 370987.00 | 3762021.00 | 5.94E-03 | 4.05E-05 | 2.16E-05 |
| 370862.00 | 3762026.00 | 1.66E-03 | 4.87E-05 | 6.97E-06 |
| 370867.00 | 3762026.00 | 1.74E-03 | 4.80E-05 | 7.39E-06 |
| 370872.00 | 3762026.00 | 1.83E-03 | 4.73E-05 | 7.85E-06 |
| 370877.00 | 3762026.00 | 1.92E-03 | 4.67E-05 | 8.35E-06 |
| 370882.00 | 3762026.00 | 2.02E-03 | 4.61E-05 | 8.88E-06 |
| 370887.00 | 3762026.00 | 2.12E-03 | 4.55E-05 | 9.39E-06 |
| 370892.00 | 3762026.00 | 2.23E-03 | 4.49E-05 | 9.97E-06 |
| 370897.00 | 3762026.00 | 2.36E-03 | 4.45E-05 | 1.06E-05 |
| 370902.00 | 3762026.00 | 2.51E-03 | 4.40E-05 | 1.13E-05 |
| 370907.00 | 3762026.00 | 2.67E-03 | 4.36E-05 | 1.21E-05 |
| 370912.00 | 3762026.00 | 2.84E-03 | 4.32E-05 | 1.28E-05 |
| 370917.00 | 3762026.00 | 3.02E-03 | 4.29E-05 | 1.35E-05 |
| 370922.00 | 3762026.00 | 3.20E-03 | 4.26E-05 | 1.43E-05 |
| 370927.00 | 3762026.00 | 3.38E-03 | 4.22E-05 | 1.50E-05 |
| 370932.00 | 3762026.00 | 3.57E-03 | 4.19E-05 | 1.57E-05 |
| 370937.00 | 3762026.00 | 3.77E-03 | 4.17E-05 | 1.64E-05 |
| 370957.00 | 3762026.00 | 4.56E-03 | 4.07E-05 | 1.87E-05 |
| 370962.00 | 3762026.00 | 4.75E-03 | 4.05E-05 | 1.91E-05 |
| 370967.00 | 3762026.00 | 4.93E-03 | 4.03E-05 | 1.95E-05 |
| 370972.00 | 3762026.00 | 5.10E-03 | 4.01E-05 | 1.98E-05 |
| 370977.00 | 3762026.00 | 5.25E-03 | 3.99E-05 | 2.00E-05 |
| 370982.00 | 3762026.00 | 5.39E-03 | 3.97E-05 | 2.01E-05 |
| 370987.00 | 3762026.00 | 5.52E-03 | 3.95E-05 | 2.02E-05 |
| 370992.00 | 3762026.00 | 5.63E-03 | 3.92E-05 | 2.02E-05 |
| 370862.00 | 3762031.00 | 1.57E-03 | 4.77E-05 | 6.52E-06 |
| 370867.00 | 3762031.00 | 1.64E-03 | 4.70E-05 | 6.91E-06 |
| 370872.00 | 3762031.00 | 1.72E-03 | 4.64E-05 | 7.33E-06 |
| 370877.00 | 3762031.00 | 1.81E-03 | 4.57E-05 | 7.78E-06 |
| 370882.00 | 3762031.00 | 1.91E-03 | 4.51E-05 | 8.26E-06 |
| 370887.00 | 3762031.00 | 2.00E-03 | 4.45E-05 | 8.77E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370932.00 | 3762021.00 | 4.03E-06 | 4.49E-08 | 1.79E-08 |
| 370952.00 | 3762021.00 | 4.94E-06 | 4.39E-08 | 2.07E-08 |
| 370957.00 | 3762021.00 | 5.16E-06 | 4.37E-08 | 2.12E-08 |
| 370962.00 | 3762021.00 | 5.37E-06 | 4.35E-08 | 2.16E-08 |
| 370967.00 | 3762021.00 | 5.57E-06 | 4.32E-08 | 2.20E-08 |
| 370972.00 | 3762021.00 | 5.76E-06 | 4.30E-08 | 2.23E-08 |
| 370977.00 | 3762021.00 | 5.93E-06 | 4.28E-08 | 2.25E-08 |
| 370982.00 | 3762021.00 | 6.08E-06 | 4.26E-08 | 2.26E-08 |
| 370987.00 | 3762021.00 | 6.21E-06 | 4.24E-08 | 2.26E-08 |
| 370862.00 | 3762026.00 | 1.73E-06 | 5.09E-08 | 7.29E-09 |
| 370867.00 | 3762026.00 | 1.82E-06 | 5.02E-08 | 7.73E-09 |
| 370872.00 | 3762026.00 | 1.91E-06 | 4.95E-08 | 8.21E-09 |
| 370877.00 | 3762026.00 | 2.01E-06 | 4.88E-08 | 8.73E-09 |
| 370882.00 | 3762026.00 | 2.12E-06 | 4.81E-08 | 9.28E-09 |
| 370887.00 | 3762026.00 | 2.21E-06 | 4.75E-08 | 9.81E-09 |
| 370892.00 | 3762026.00 | 2.34E-06 | 4.70E-08 | 1.04E-08 |
| 370897.00 | 3762026.00 | 2.47E-06 | 4.65E-08 | 1.11E-08 |
| 370902.00 | 3762026.00 | 2.63E-06 | 4.60E-08 | 1.18E-08 |
| 370907.00 | 3762026.00 | 2.79E-06 | 4.56E-08 | 1.26E-08 |
| 370912.00 | 3762026.00 | 2.97E-06 | 4.52E-08 | 1.34E-08 |
| 370917.00 | 3762026.00 | 3.15E-06 | 4.48E-08 | 1.42E-08 |
| 370922.00 | 3762026.00 | 3.34E-06 | 4.45E-08 | 1.49E-08 |
| 370927.00 | 3762026.00 | 3.53E-06 | 4.41E-08 | 1.57E-08 |
| 370932.00 | 3762026.00 | 3.73E-06 | 4.38E-08 | 1.64E-08 |
| 370937.00 | 3762026.00 | 3.94E-06 | 4.36E-08 | 1.71E-08 |
| 370957.00 | 3762026.00 | 4.76E-06 | 4.26E-08 | 1.95E-08 |
| 370962.00 | 3762026.00 | 4.96E-06 | 4.24E-08 | 2.00E-08 |
| 370967.00 | 3762026.00 | 5.15E-06 | 4.21E-08 | 2.04E-08 |
| 370972.00 | 3762026.00 | 5.33E-06 | 4.19E-08 | 2.07E-08 |
| 370977.00 | 3762026.00 | 5.49E-06 | 4.17E-08 | 2.09E-08 |
| 370982.00 | 3762026.00 | 5.63E-06 | 4.15E-08 | 2.10E-08 |
| 370987.00 | 3762026.00 | 5.77E-06 | 4.12E-08 | 2.11E-08 |
| 370992.00 | 3762026.00 | 5.88E-06 | 4.10E-08 | 2.11E-08 |
| 370862.00 | 3762031.00 | 1.64E-06 | 4.99E-08 | 6.82E-09 |
| 370867.00 | 3762031.00 | 1.72E-06 | 4.91E-08 | 7.22E-09 |
| 370872.00 | 3762031.00 | 1.80E-06 | 4.84E-08 | 7.66E-09 |
| 370877.00 | 3762031.00 | 1.89E-06 | 4.78E-08 | 8.13E-09 |
| 370882.00 | 3762031.00 | 1.99E-06 | 4.72E-08 | 8.63E-09 |
| 370887.00 | 3762031.00 | 2.09E-06 | 4.66E-08 | 9.16E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370892.00 | 3762031.00 | 2.11E-03 | 4.40E-05 | 9.30E-06 |
| 370897.00 | 3762031.00 | 2.23E-03 | 4.35E-05 | 9.87E-06 |
| 370902.00 | 3762031.00 | 2.36E-03 | 4.31E-05 | 1.05E-05 |
| 370907.00 | 3762031.00 | 2.50E-03 | 4.27E-05 | 1.11E-05 |
| 370912.00 | 3762031.00 | 2.66E-03 | 4.23E-05 | 1.18E-05 |
| 370917.00 | 3762031.00 | 2.81E-03 | 4.19E-05 | 1.25E-05 |
| 370922.00 | 3762031.00 | 2.97E-03 | 4.16E-05 | 1.31E-05 |
| 370927.00 | 3762031.00 | 3.14E-03 | 4.13E-05 | 1.38E-05 |
| 370932.00 | 3762031.00 | 3.31E-03 | 4.10E-05 | 1.45E-05 |
| 370937.00 | 3762031.00 | 3.49E-03 | 4.07E-05 | 1.51E-05 |
| 370942.00 | 3762031.00 | 3.67E-03 | 4.04E-05 | 1.57E-05 |
| 370962.00 | 3762031.00 | 4.39E-03 | 3.95E-05 | 1.77E-05 |
| 370967.00 | 3762031.00 | 4.56E-03 | 3.93E-05 | 1.80E-05 |
| 370972.00 | 3762031.00 | 4.72E-03 | 3.91E-05 | 1.84E-05 |
| 370977.00 | 3762031.00 | 4.87E-03 | 3.88E-05 | 1.86E-05 |
| 370982.00 | 3762031.00 | 5.01E-03 | 3.86E-05 | 1.88E-05 |
| 370987.00 | 3762031.00 | 5.13E-03 | 3.84E-05 | 1.89E-05 |
| 370992.00 | 3762031.00 | 5.24E-03 | 3.82E-05 | 1.90E-05 |
| 370997.00 | 3762031.00 | 5.33E-03 | 3.80E-05 | 1.89E-05 |
| 370867.00 | 3762036.00 | 1.55E-03 | 4.61E-05 | 6.47E-06 |
| 370872.00 | 3762036.00 | 1.63E-03 | 4.54E-05 | 6.85E-06 |
| 370877.00 | 3762036.00 | 1.71E-03 | 4.48E-05 | 7.26E-06 |
| 370882.00 | 3762036.00 | 1.80E-03 | 4.42E-05 | 7.70E-06 |
| 370887.00 | 3762036.00 | 1.89E-03 | 4.37E-05 | 8.16E-06 |
| 370892.00 | 3762036.00 | 1.99E-03 | 4.31E-05 | 8.66E-06 |
| 370897.00 | 3762036.00 | 2.10E-03 | 4.26E-05 | 9.18E-06 |
| 370902.00 | 3762036.00 | 2.21E-03 | 4.22E-05 | 9.73E-06 |
| 370907.00 | 3762036.00 | 2.34E-03 | 4.18E-05 | 1.03E-05 |
| 370912.00 | 3762036.00 | 2.48E-03 | 4.14E-05 | 1.09E-05 |
| 370917.00 | 3762036.00 | 2.62E-03 | 4.10E-05 | 1.15E-05 |
| 370922.00 | 3762036.00 | 2.77E-03 | 4.06E-05 | 1.21E-05 |
| 370927.00 | 3762036.00 | 2.92E-03 | 4.03E-05 | 1.27E-05 |
| 370932.00 | 3762036.00 | 3.08E-03 | 4.00E-05 | 1.33E-05 |
| 370937.00 | 3762036.00 | 3.24E-03 | 3.97E-05 | 1.39E-05 |
| 370942.00 | 3762036.00 | 3.41E-03 | 3.95E-05 | 1.45E-05 |
| 370947.00 | 3762036.00 | 3.58E-03 | 3.92E-05 | 1.50E-05 |
| 370962.00 | 3762036.00 | 4.07E-03 | 3.86E-05 | 1.64E-05 |
| 370967.00 | 3762036.00 | 4.23E-03 | 3.83E-05 | 1.67E-05 |
| 370972.00 | 3762036.00 | 4.38E-03 | 3.81E-05 | 1.71E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370892.00 | 3762031.00 | 2.20E-06 | 4.60E-08 | 9.72E-09 |
| 370897.00 | 3762031.00 | 2.33E-06 | 4.55E-08 | 1.03E-08 |
| 370902.00 | 3762031.00 | 2.46E-06 | 4.50E-08 | 1.10E-08 |
| 370907.00 | 3762031.00 | 2.61E-06 | 4.46E-08 | 1.16E-08 |
| 370912.00 | 3762031.00 | 2.78E-06 | 4.42E-08 | 1.23E-08 |
| 370917.00 | 3762031.00 | 2.94E-06 | 4.38E-08 | 1.30E-08 |
| 370922.00 | 3762031.00 | 3.11E-06 | 4.35E-08 | 1.37E-08 |
| 370927.00 | 3762031.00 | 3.28E-06 | 4.31E-08 | 1.44E-08 |
| 370932.00 | 3762031.00 | 3.46E-06 | 4.28E-08 | 1.51E-08 |
| 370937.00 | 3762031.00 | 3.65E-06 | 4.25E-08 | 1.58E-08 |
| 370942.00 | 3762031.00 | 3.84E-06 | 4.22E-08 | 1.64E-08 |
| 370962.00 | 3762031.00 | 4.59E-06 | 4.13E-08 | 1.85E-08 |
| 370967.00 | 3762031.00 | 4.77E-06 | 4.11E-08 | 1.89E-08 |
| 370972.00 | 3762031.00 | 4.93E-06 | 4.08E-08 | 1.92E-08 |
| 370977.00 | 3762031.00 | 5.09E-06 | 4.06E-08 | 1.94E-08 |
| 370982.00 | 3762031.00 | 5.23E-06 | 4.04E-08 | 1.96E-08 |
| 370987.00 | 3762031.00 | 5.37E-06 | 4.02E-08 | 1.97E-08 |
| 370992.00 | 3762031.00 | 5.48E-06 | 3.99E-08 | 1.98E-08 |
| 370997.00 | 3762031.00 | 5.57E-06 | 3.97E-08 | 1.98E-08 |
| 370867.00 | 3762036.00 | 1.62E-06 | 4.82E-08 | 6.76E-09 |
| 370872.00 | 3762036.00 | 1.70E-06 | 4.75E-08 | 7.16E-09 |
| 370877.00 | 3762036.00 | 1.79E-06 | 4.68E-08 | 7.59E-09 |
| 370882.00 | 3762036.00 | 1.88E-06 | 4.62E-08 | 8.04E-09 |
| 370887.00 | 3762036.00 | 1.98E-06 | 4.56E-08 | 8.53E-09 |
| 370892.00 | 3762036.00 | 2.08E-06 | 4.51E-08 | 9.05E-09 |
| 370897.00 | 3762036.00 | 2.20E-06 | 4.46E-08 | 9.60E-09 |
| 370902.00 | 3762036.00 | 2.31E-06 | 4.41E-08 | 1.02E-08 |
| 370907.00 | 3762036.00 | 2.45E-06 | 4.37E-08 | 1.08E-08 |
| 370912.00 | 3762036.00 | 2.59E-06 | 4.32E-08 | 1.14E-08 |
| 370917.00 | 3762036.00 | 2.74E-06 | 4.29E-08 | 1.20E-08 |
| 370922.00 | 3762036.00 | 2.89E-06 | 4.25E-08 | 1.27E-08 |
| 370927.00 | 3762036.00 | 3.06E-06 | 4.21E-08 | 1.33E-08 |
| 370932.00 | 3762036.00 | 3.22E-06 | 4.18E-08 | 1.39E-08 |
| 370937.00 | 3762036.00 | 3.39E-06 | 4.15E-08 | 1.45E-08 |
| 370942.00 | 3762036.00 | 3.57E-06 | 4.12E-08 | 1.51E-08 |
| 370947.00 | 3762036.00 | 3.74E-06 | 4.10E-08 | 1.57E-08 |
| 370962.00 | 3762036.00 | 4.26E-06 | 4.03E-08 | 1.71E-08 |
| 370967.00 | 3762036.00 | 4.42E-06 | 4.01E-08 | 1.75E-08 |
| 370972.00 | 3762036.00 | 4.58E-06 | 3.98E-08 | 1.78E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370977.00 | 3762036.00 | 4.52E-03 | 3.79E-05 | 1.73E-05 |
| 370982.00 | 3762036.00 | 4.66E-03 | 3.77E-05 | 1.75E-05 |
| 370987.00 | 3762036.00 | 4.78E-03 | 3.75E-05 | 1.77E-05 |
| 370992.00 | 3762036.00 | 4.89E-03 | 3.73E-05 | 1.78E-05 |
| 370997.00 | 3762036.00 | 4.98E-03 | 3.70E-05 | 1.78E-05 |
| 370872.00 | 3762041.00 | 1.54E-03 | 4.45E-05 | 6.41E-06 |
| 370877.00 | 3762041.00 | 1.62E-03 | 4.39E-05 | 6.78E-06 |
| 370882.00 | 3762041.00 | 1.70E-03 | 4.33E-05 | 7.18E-06 |
| 370887.00 | 3762041.00 | 1.79E-03 | 4.28E-05 | 7.61E-06 |
| 370892.00 | 3762041.00 | 1.88E-03 | 4.23E-05 | 8.06E-06 |
| 370897.00 | 3762041.00 | 1.98E-03 | 4.18E-05 | 8.54E-06 |
| 370902.00 | 3762041.00 | 2.08E-03 | 4.13E-05 | 9.03E-06 |
| 370907.00 | 3762041.00 | 2.19E-03 | 4.09E-05 | 9.55E-06 |
| 370912.00 | 3762041.00 | 2.32E-03 | 4.05E-05 | 1.01E-05 |
| 370917.00 | 3762041.00 | 2.44E-03 | 4.01E-05 | 1.06E-05 |
| 370922.00 | 3762041.00 | 2.58E-03 | 3.98E-05 | 1.12E-05 |
| 370927.00 | 3762041.00 | 2.72E-03 | 3.94E-05 | 1.17E-05 |
| 370932.00 | 3762041.00 | 2.87E-03 | 3.91E-05 | 1.23E-05 |
| 370937.00 | 3762041.00 | 3.02E-03 | 3.88E-05 | 1.28E-05 |
| 370942.00 | 3762041.00 | 3.17E-03 | 3.86E-05 | 1.34E-05 |
| 370947.00 | 3762041.00 | 3.33E-03 | 3.83E-05 | 1.39E-05 |
| 370967.00 | 3762041.00 | 3.93E-03 | 3.74E-05 | 1.55E-05 |
| 370972.00 | 3762041.00 | 4.07E-03 | 3.72E-05 | 1.59E-05 |
| 370977.00 | 3762041.00 | 4.21E-03 | 3.70E-05 | 1.61E-05 |
| 370982.00 | 3762041.00 | 4.34E-03 | 3.68E-05 | 1.63E-05 |
| 370987.00 | 3762041.00 | 4.45E-03 | 3.65E-05 | 1.65E-05 |
| 370992.00 | 3762041.00 | 4.56E-03 | 3.63E-05 | 1.66E-05 |
| 370997.00 | 3762041.00 | 4.65E-03 | 3.61E-05 | 1.67E-05 |
| 371002.00 | 3762041.00 | 4.73E-03 | 3.59E-05 | 1.67E-05 |
| 370877.00 | 3762046.00 | 1.53E-03 | 4.31E-05 | 6.35E-06 |
| 370882.00 | 3762046.00 | 1.60E-03 | 4.25E-05 | 6.72E-06 |
| 370887.00 | 3762046.00 | 1.68E-03 | 4.19E-05 | 7.10E-06 |
| 370892.00 | 3762046.00 | 1.77E-03 | 4.14E-05 | 7.52E-06 |
| 370897.00 | 3762046.00 | 1.86E-03 | 4.10E-05 | 7.95E-06 |
| 370902.00 | 3762046.00 | 1.96E-03 | 4.05E-05 | 8.40E-06 |
| 370907.00 | 3762046.00 | 2.06E-03 | 4.01E-05 | 8.87E-06 |
| 370912.00 | 3762046.00 | 2.17E-03 | 3.97E-05 | 9.35E-06 |
| 370917.00 | 3762046.00 | 2.28E-03 | 3.93E-05 | 9.85E-06 |
| 370922.00 | 3762046.00 | 2.41E-03 | 3.89E-05 | 1.04E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370977.00 | 3762036.00 | 4.73E-06 | 3.96E-08 | 1.81E-08 |
| 370982.00 | 3762036.00 | 4.87E-06 | 3.94E-08 | 1.83E-08 |
| 370987.00 | 3762036.00 | 4.99E-06 | 3.92E-08 | 1.85E-08 |
| 370992.00 | 3762036.00 | 5.11E-06 | 3.89E-08 | 1.86E-08 |
| 370997.00 | 3762036.00 | 5.20E-06 | 3.87E-08 | 1.86E-08 |
| 370872.00 | 3762041.00 | 1.61E-06 | 4.65E-08 | 6.70E-09 |
| 370877.00 | 3762041.00 | 1.69E-06 | 4.59E-08 | 7.09E-09 |
| 370882.00 | 3762041.00 | 1.77E-06 | 4.53E-08 | 7.51E-09 |
| 370887.00 | 3762041.00 | 1.87E-06 | 4.47E-08 | 7.95E-09 |
| 370892.00 | 3762041.00 | 1.96E-06 | 4.42E-08 | 8.43E-09 |
| 370897.00 | 3762041.00 | 2.07E-06 | 4.37E-08 | 8.92E-09 |
| 370902.00 | 3762041.00 | 2.18E-06 | 4.32E-08 | 9.44E-09 |
| 370907.00 | 3762041.00 | 2.29E-06 | 4.27E-08 | 9.98E-09 |
| 370912.00 | 3762041.00 | 2.42E-06 | 4.23E-08 | 1.05E-08 |
| 370917.00 | 3762041.00 | 2.55E-06 | 4.19E-08 | 1.11E-08 |
| 370922.00 | 3762041.00 | 2.69E-06 | 4.16E-08 | 1.17E-08 |
| 370927.00 | 3762041.00 | 2.85E-06 | 4.12E-08 | 1.23E-08 |
| 370932.00 | 3762041.00 | 3.00E-06 | 4.09E-08 | 1.29E-08 |
| 370937.00 | 3762041.00 | 3.16E-06 | 4.06E-08 | 1.34E-08 |
| 370942.00 | 3762041.00 | 3.32E-06 | 4.03E-08 | 1.40E-08 |
| 370947.00 | 3762041.00 | 3.48E-06 | 4.00E-08 | 1.45E-08 |
| 370967.00 | 3762041.00 | 4.11E-06 | 3.91E-08 | 1.63E-08 |
| 370972.00 | 3762041.00 | 4.26E-06 | 3.89E-08 | 1.66E-08 |
| 370977.00 | 3762041.00 | 4.40E-06 | 3.86E-08 | 1.69E-08 |
| 370982.00 | 3762041.00 | 4.53E-06 | 3.84E-08 | 1.71E-08 |
| 370987.00 | 3762041.00 | 4.65E-06 | 3.82E-08 | 1.73E-08 |
| 370992.00 | 3762041.00 | 4.76E-06 | 3.80E-08 | 1.74E-08 |
| 370997.00 | 3762041.00 | 4.86E-06 | 3.77E-08 | 1.75E-08 |
| 371002.00 | 3762041.00 | 4.94E-06 | 3.75E-08 | 1.75E-08 |
| 370877.00 | 3762046.00 | 1.60E-06 | 4.50E-08 | 6.64E-09 |
| 370882.00 | 3762046.00 | 1.68E-06 | 4.44E-08 | 7.02E-09 |
| 370887.00 | 3762046.00 | 1.76E-06 | 4.38E-08 | 7.43E-09 |
| 370892.00 | 3762046.00 | 1.85E-06 | 4.33E-08 | 7.86E-09 |
| 370897.00 | 3762046.00 | 1.95E-06 | 4.28E-08 | 8.31E-09 |
| 370902.00 | 3762046.00 | 2.05E-06 | 4.23E-08 | 8.78E-09 |
| 370907.00 | 3762046.00 | 2.15E-06 | 4.19E-08 | 9.27E-09 |
| 370912.00 | 3762046.00 | 2.27E-06 | 4.14E-08 | 9.77E-09 |
| 370917.00 | 3762046.00 | 2.39E-06 | 4.11E-08 | 1.03E-08 |
| 370922.00 | 3762046.00 | 2.52E-06 | 4.07E-08 | 1.08E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370927.00 | 3762046.00 | 2.54E-03 | 3.86E-05 | 1.09E-05 |
| 370932.00 | 3762046.00 | 2.67E-03 | 3.83E-05 | 1.14E-05 |
| 370937.00 | 3762046.00 | 2.82E-03 | 3.80E-05 | 1.19E-05 |
| 370942.00 | 3762046.00 | 2.96E-03 | 3.77E-05 | 1.24E-05 |
| 370947.00 | 3762046.00 | 3.10E-03 | 3.75E-05 | 1.29E-05 |
| 370952.00 | 3762046.00 | 3.24E-03 | 3.72E-05 | 1.33E-05 |
| 370972.00 | 3762046.00 | 3.79E-03 | 3.63E-05 | 1.48E-05 |
| 370977.00 | 3762046.00 | 3.92E-03 | 3.61E-05 | 1.50E-05 |
| 370982.00 | 3762046.00 | 4.04E-03 | 3.59E-05 | 1.53E-05 |
| 370987.00 | 3762046.00 | 4.15E-03 | 3.57E-05 | 1.55E-05 |
| 370992.00 | 3762046.00 | 4.26E-03 | 3.55E-05 | 1.56E-05 |
| 370997.00 | 3762046.00 | 4.35E-03 | 3.52E-05 | 1.57E-05 |
| 371002.00 | 3762046.00 | 4.43E-03 | 3.50E-05 | 1.57E-05 |
| 370877.00 | 3762051.00 | 1.45E-03 | 4.22E-05 | 5.96E-06 |
| 370882.00 | 3762051.00 | 1.52E-03 | 4.17E-05 | 6.29E-06 |
| 370887.00 | 3762051.00 | 1.59E-03 | 4.11E-05 | 6.65E-06 |
| 370892.00 | 3762051.00 | 1.67E-03 | 4.06E-05 | 7.02E-06 |
| 370897.00 | 3762051.00 | 1.76E-03 | 4.02E-05 | 7.42E-06 |
| 370902.00 | 3762051.00 | 1.85E-03 | 3.97E-05 | 7.83E-06 |
| 370907.00 | 3762051.00 | 1.94E-03 | 3.93E-05 | 8.25E-06 |
| 370912.00 | 3762051.00 | 2.04E-03 | 3.89E-05 | 8.70E-06 |
| 370917.00 | 3762051.00 | 2.14E-03 | 3.85E-05 | 9.15E-06 |
| 370922.00 | 3762051.00 | 2.25E-03 | 3.81E-05 | 9.61E-06 |
| 370927.00 | 3762051.00 | 2.37E-03 | 3.78E-05 | 1.01E-05 |
| 370932.00 | 3762051.00 | 2.50E-03 | 3.75E-05 | 1.06E-05 |
| 370937.00 | 3762051.00 | 2.62E-03 | 3.72E-05 | 1.10E-05 |
| 370942.00 | 3762051.00 | 2.76E-03 | 3.69E-05 | 1.15E-05 |
| 370947.00 | 3762051.00 | 2.89E-03 | 3.66E-05 | 1.19E-05 |
| 370952.00 | 3762051.00 | 3.02E-03 | 3.64E-05 | 1.23E-05 |
| 370957.00 | 3762051.00 | 3.15E-03 | 3.62E-05 | 1.27E-05 |
| 370972.00 | 3762051.00 | 3.54E-03 | 3.55E-05 | 1.38E-05 |
| 370977.00 | 3762051.00 | 3.66E-03 | 3.53E-05 | 1.40E-05 |
| 370982.00 | 3762051.00 | 3.77E-03 | 3.51E-05 | 1.43E-05 |
| 370987.00 | 3762051.00 | 3.88E-03 | 3.48E-05 | 1.45E-05 |
| 370992.00 | 3762051.00 | 3.98E-03 | 3.46E-05 | 1.46E-05 |
| 370997.00 | 3762051.00 | 4.07E-03 | 3.44E-05 | 1.47E-05 |
| 371002.00 | 3762051.00 | 4.15E-03 | 3.42E-05 | 1.48E-05 |
| 370882.00 | 3762056.00 | 1.44E-03 | 4.09E-05 | 5.90E-06 |
| 370887.00 | 3762056.00 | 1.51E-03 | 4.04E-05 | 6.23E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370927.00 | 3762046.00 | 2.65E-06 | 4.03E-08 | 1.14E-08 |
| 370932.00 | 3762046.00 | 2.80E-06 | 4.00E-08 | 1.19E-08 |
| 370937.00 | 3762046.00 | 2.94E-06 | 3.97E-08 | 1.24E-08 |
| 370942.00 | 3762046.00 | 3.09E-06 | 3.94E-08 | 1.29E-08 |
| 370947.00 | 3762046.00 | 3.24E-06 | 3.92E-08 | 1.34E-08 |
| 370952.00 | 3762046.00 | 3.39E-06 | 3.89E-08 | 1.39E-08 |
| 370972.00 | 3762046.00 | 3.96E-06 | 3.80E-08 | 1.54E-08 |
| 370977.00 | 3762046.00 | 4.10E-06 | 3.77E-08 | 1.57E-08 |
| 370982.00 | 3762046.00 | 4.22E-06 | 3.75E-08 | 1.60E-08 |
| 370987.00 | 3762046.00 | 4.34E-06 | 3.73E-08 | 1.62E-08 |
| 370992.00 | 3762046.00 | 4.45E-06 | 3.71E-08 | 1.63E-08 |
| 370997.00 | 3762046.00 | 4.54E-06 | 3.68E-08 | 1.64E-08 |
| 371002.00 | 3762046.00 | 4.63E-06 | 3.66E-08 | 1.65E-08 |
| 370877.00 | 3762051.00 | 1.51E-06 | 4.41E-08 | 6.23E-09 |
| 370882.00 | 3762051.00 | 1.59E-06 | 4.36E-08 | 6.58E-09 |
| 370887.00 | 3762051.00 | 1.66E-06 | 4.30E-08 | 6.95E-09 |
| 370892.00 | 3762051.00 | 1.75E-06 | 4.25E-08 | 7.34E-09 |
| 370897.00 | 3762051.00 | 1.84E-06 | 4.20E-08 | 7.75E-09 |
| 370902.00 | 3762051.00 | 1.93E-06 | 4.15E-08 | 8.18E-09 |
| 370907.00 | 3762051.00 | 2.03E-06 | 4.10E-08 | 8.63E-09 |
| 370912.00 | 3762051.00 | 2.13E-06 | 4.06E-08 | 9.09E-09 |
| 370917.00 | 3762051.00 | 2.24E-06 | 4.02E-08 | 9.56E-09 |
| 370922.00 | 3762051.00 | 2.36E-06 | 3.98E-08 | 1.00E-08 |
| 370927.00 | 3762051.00 | 2.48E-06 | 3.95E-08 | 1.05E-08 |
| 370932.00 | 3762051.00 | 2.61E-06 | 3.92E-08 | 1.10E-08 |
| 370937.00 | 3762051.00 | 2.74E-06 | 3.88E-08 | 1.15E-08 |
| 370942.00 | 3762051.00 | 2.88E-06 | 3.86E-08 | 1.20E-08 |
| 370947.00 | 3762051.00 | 3.02E-06 | 3.83E-08 | 1.25E-08 |
| 370952.00 | 3762051.00 | 3.16E-06 | 3.80E-08 | 1.29E-08 |
| 370957.00 | 3762051.00 | 3.30E-06 | 3.78E-08 | 1.33E-08 |
| 370972.00 | 3762051.00 | 3.70E-06 | 3.71E-08 | 1.44E-08 |
| 370977.00 | 3762051.00 | 3.82E-06 | 3.69E-08 | 1.47E-08 |
| 370982.00 | 3762051.00 | 3.94E-06 | 3.67E-08 | 1.49E-08 |
| 370987.00 | 3762051.00 | 4.06E-06 | 3.64E-08 | 1.51E-08 |
| 370992.00 | 3762051.00 | 4.16E-06 | 3.62E-08 | 1.53E-08 |
| 370997.00 | 3762051.00 | 4.26E-06 | 3.60E-08 | 1.54E-08 |
| 371002.00 | 3762051.00 | 4.34E-06 | 3.58E-08 | 1.55E-08 |
| 370882.00 | 3762056.00 | 1.50E-06 | 4.27E-08 | 6.17E-09 |
| 370887.00 | 3762056.00 | 1.58E-06 | 4.22E-08 | 6.51E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370892.00 | 3762056.00 | 1.58E-03 | 3.99E-05 | 6.57E-06 |
| 370897.00 | 3762056.00 | 1.66E-03 | 3.94E-05 | 6.93E-06 |
| 370902.00 | 3762056.00 | 1.74E-03 | 3.89E-05 | 7.31E-06 |
| 370907.00 | 3762056.00 | 1.83E-03 | 3.85E-05 | 7.70E-06 |
| 370912.00 | 3762056.00 | 1.92E-03 | 3.81E-05 | 8.10E-06 |
| 370917.00 | 3762056.00 | 2.01E-03 | 3.77E-05 | 8.52E-06 |
| 370922.00 | 3762056.00 | 2.11E-03 | 3.74E-05 | 8.93E-06 |
| 370927.00 | 3762056.00 | 2.23E-03 | 3.70E-05 | 9.37E-06 |
| 370932.00 | 3762056.00 | 2.34E-03 | 3.67E-05 | 9.80E-06 |
| 370937.00 | 3762056.00 | 2.45E-03 | 3.64E-05 | 1.02E-05 |
| 370942.00 | 3762056.00 | 2.57E-03 | 3.61E-05 | 1.07E-05 |
| 370947.00 | 3762056.00 | 2.70E-03 | 3.59E-05 | 1.11E-05 |
| 370952.00 | 3762056.00 | 2.82E-03 | 3.56E-05 | 1.15E-05 |
| 370957.00 | 3762056.00 | 2.95E-03 | 3.54E-05 | 1.19E-05 |
| 370962.00 | 3762056.00 | 3.07E-03 | 3.51E-05 | 1.22E-05 |
| 370977.00 | 3762056.00 | 3.42E-03 | 3.45E-05 | 1.31E-05 |
| 370982.00 | 3762056.00 | 3.53E-03 | 3.43E-05 | 1.33E-05 |
| 370987.00 | 3762056.00 | 3.63E-03 | 3.41E-05 | 1.36E-05 |
| 370992.00 | 3762056.00 | 3.73E-03 | 3.39E-05 | 1.37E-05 |
| 370997.00 | 3762056.00 | 3.82E-03 | 3.36E-05 | 1.39E-05 |
| 371002.00 | 3762056.00 | 3.89E-03 | 3.34E-05 | 1.40E-05 |
| 370869.00 | 3761662.00 | 1.65E-03 | 5.89E-05 | 3.50E-06 |
| 370889.00 | 3761662.00 | 1.47E-03 | 4.66E-05 | 2.95E-06 |
| 370909.00 | 3761662.00 | 1.30E-03 | 3.99E-05 | 2.50E-06 |
| 370929.00 | 3761662.00 | 1.15E-03 | 3.74E-05 | 2.14E-06 |
| 370949.00 | 3761662.00 | 9.53E-04 | 3.14E-05 | 1.76E-06 |
| 370969.00 | 3761662.00 | 7.80E-04 | 2.64E-05 | 1.44E-06 |
| 370989.00 | 3761662.00 | 6.33E-04 | 2.21E-05 | 1.18E-06 |
| 371009.00 | 3761662.00 | 5.13E-04 | 1.87E-05 | 9.77E-07 |
| 371029.00 | 3761662.00 | 4.17E-04 | 1.58E-05 | 8.12E-07 |
| 371049.00 | 3761662.00 | 3.42E-04 | 1.35E-05 | 6.82E-07 |
| 371069.00 | 3761662.00 | 2.84E-04 | 1.16E-05 | 5.81E-07 |
| 371089.00 | 3761662.00 | 2.39E-04 | 1.01E-05 | 5.01E-07 |
| 371109.00 | 3761662.00 | 2.03E-04 | 8.87E-06 | 4.38E-07 |
| 371129.00 | 3761662.00 | 1.75E-04 | 7.77E-06 | 3.86E-07 |
| 371149.00 | 3761662.00 | 1.53E-04 | 6.94E-06 | 3.43E-07 |
| 371169.00 | 3761662.00 | 1.35E-04 | 6.21E-06 | 3.08E-07 |
| 371189.00 | 3761662.00 | 1.20E-04 | 5.57E-06 | 2.78E-07 |
| 371209.00 | 3761662.00 | 1.08E-04 | 5.08E-06 | 2.52E-07 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370892.00 | 3762056.00 | 1.65E-06 | 4.17E-08 | 6.87E-09 |
| 370897.00 | 3762056.00 | 1.73E-06 | 4.12E-08 | 7.24E-09 |
| 370902.00 | 3762056.00 | 1.82E-06 | 4.07E-08 | 7.64E-09 |
| 370907.00 | 3762056.00 | 1.91E-06 | 4.02E-08 | 8.04E-09 |
| 370912.00 | 3762056.00 | 2.01E-06 | 3.98E-08 | 8.47E-09 |
| 370917.00 | 3762056.00 | 2.11E-06 | 3.94E-08 | 8.90E-09 |
| 370922.00 | 3762056.00 | 2.21E-06 | 3.90E-08 | 9.34E-09 |
| 370927.00 | 3762056.00 | 2.33E-06 | 3.87E-08 | 9.80E-09 |
| 370932.00 | 3762056.00 | 2.44E-06 | 3.84E-08 | 1.02E-08 |
| 370937.00 | 3762056.00 | 2.56E-06 | 3.80E-08 | 1.07E-08 |
| 370942.00 | 3762056.00 | 2.69E-06 | 3.77E-08 | 1.11E-08 |
| 370947.00 | 3762056.00 | 2.82E-06 | 3.75E-08 | 1.16E-08 |
| 370952.00 | 3762056.00 | 2.95E-06 | 3.72E-08 | 1.20E-08 |
| 370957.00 | 3762056.00 | 3.08E-06 | 3.70E-08 | 1.24E-08 |
| 370962.00 | 3762056.00 | 3.21E-06 | 3.67E-08 | 1.28E-08 |
| 370977.00 | 3762056.00 | 3.57E-06 | 3.61E-08 | 1.37E-08 |
| 370982.00 | 3762056.00 | 3.68E-06 | 3.58E-08 | 1.39E-08 |
| 370987.00 | 3762056.00 | 3.79E-06 | 3.56E-08 | 1.42E-08 |
| 370992.00 | 3762056.00 | 3.89E-06 | 3.54E-08 | 1.43E-08 |
| 370997.00 | 3762056.00 | 3.99E-06 | 3.52E-08 | 1.45E-08 |
| 371002.00 | 3762056.00 | 4.07E-06 | 3.49E-08 | 1.46E-08 |
| 370869.00 | 3761662.00 | 1.72E-06 | 6.16E-08 | 3.66E-09 |
| 370889.00 | 3761662.00 | 1.53E-06 | 4.87E-08 | 3.08E-09 |
| 370909.00 | 3761662.00 | 1.36E-06 | 4.17E-08 | 2.61E-09 |
| 370929.00 | 3761662.00 | 1.20E-06 | 3.91E-08 | 2.23E-09 |
| 370949.00 | 3761662.00 | 9.96E-07 | 3.29E-08 | 1.84E-09 |
| 370969.00 | 3761662.00 | 8.16E-07 | 2.76E-08 | 1.51E-09 |
| 370989.00 | 3761662.00 | 6.61E-07 | 2.31E-08 | 1.24E-09 |
| 371009.00 | 3761662.00 | 5.36E-07 | 1.95E-08 | 1.02E-09 |
| 371029.00 | 3761662.00 | 4.36E-07 | 1.66E-08 | 8.49E-10 |
| 371049.00 | 3761662.00 | 3.58E-07 | 1.42E-08 | 7.13E-10 |
| 371069.00 | 3761662.00 | 2.97E-07 | 1.22E-08 | 6.08E-10 |
| 371089.00 | 3761662.00 | 2.50E-07 | 1.05E-08 | 5.24E-10 |
| 371109.00 | 3761662.00 | 2.13E-07 | 9.27E-09 | 4.57E-10 |
| 371129.00 | 3761662.00 | 1.83E-07 | 8.12E-09 | 4.03E-10 |
| 371149.00 | 3761662.00 | 1.60E-07 | 7.25E-09 | 3.59E-10 |
| 371169.00 | 3761662.00 | 1.41E-07 | 6.49E-09 | 3.22E-10 |
| 371189.00 | 3761662.00 | 1.26E-07 | 5.82E-09 | 2.90E-10 |
| 371209.00 | 3761662.00 | 1.13E-07 | 5.31E-09 | 2.64E-10 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371229.00 | 3761662.00 | 9.75E-05 | 4.61E-06 | 2.30E-07 |
| 371249.00 | 3761662.00 | 8.84E-05 | 4.20E-06 | 2.11E-07 |
| 371269.00 | 3761662.00 | 8.06E-05 | 3.84E-06 | 1.93E-07 |
| 371289.00 | 3761662.00 | 7.41E-05 | 3.55E-06 | 1.79E-07 |
| 371309.00 | 3761662.00 | 6.83E-05 | 3.29E-06 | 1.66E-07 |
| 371329.00 | 3761662.00 | 6.33E-05 | 3.05E-06 | 1.54E-07 |
| 371349.00 | 3761662.00 | 5.87E-05 | 2.84E-06 | 1.44E-07 |
| 371369.00 | 3761662.00 | 5.46E-05 | 2.65E-06 | 1.34E-07 |
| 371389.00 | 3761662.00 | 5.09E-05 | 2.48E-06 | 1.25E-07 |
| 371409.00 | 3761662.00 | 4.75E-05 | 2.32E-06 | 1.18E-07 |
| 371429.00 | 3761662.00 | 4.45E-05 | 2.18E-06 | 1.10E-07 |
| 371449.00 | 3761662.00 | 4.18E-05 | 2.05E-06 | 1.04E-07 |
| 370869.00 | 3761682.00 | 2.03E-03 | 7.42E-05 | 4.25E-06 |
| 370889.00 | 3761682.00 | 1.70E-03 | 5.87E-05 | 3.38E-06 |
| 370909.00 | 3761682.00 | 1.68E-03 | 5.66E-05 | 3.10E-06 |
| 370929.00 | 3761682.00 | 1.42E-03 | 4.83E-05 | 2.53E-06 |
| 370949.00 | 3761682.00 | 1.16E-03 | 3.94E-05 | 2.03E-06 |
| 370969.00 | 3761682.00 | 9.22E-04 | 3.21E-05 | 1.63E-06 |
| 370989.00 | 3761682.00 | 7.28E-04 | 2.63E-05 | 1.31E-06 |
| 371009.00 | 3761682.00 | 5.76E-04 | 2.17E-05 | 1.07E-06 |
| 371029.00 | 3761682.00 | 4.60E-04 | 1.81E-05 | 8.76E-07 |
| 371049.00 | 3761682.00 | 3.72E-04 | 1.52E-05 | 7.31E-07 |
| 371069.00 | 3761682.00 | 3.05E-04 | 1.29E-05 | 6.19E-07 |
| 371089.00 | 3761682.00 | 2.55E-04 | 1.11E-05 | 5.32E-07 |
| 371109.00 | 3761682.00 | 2.16E-04 | 9.65E-06 | 4.63E-07 |
| 371129.00 | 3761682.00 | 1.86E-04 | 8.41E-06 | 4.07E-07 |
| 371149.00 | 3761682.00 | 1.62E-04 | 7.43E-06 | 3.62E-07 |
| 371169.00 | 3761682.00 | 1.43E-04 | 6.64E-06 | 3.24E-07 |
| 371189.00 | 3761682.00 | 1.27E-04 | 5.93E-06 | 2.92E-07 |
| 371209.00 | 3761682.00 | 1.14E-04 | 5.34E-06 | 2.64E-07 |
| 371229.00 | 3761682.00 | 1.03E-04 | 4.84E-06 | 2.41E-07 |
| 371249.00 | 3761682.00 | 9.33E-05 | 4.41E-06 | 2.20E-07 |
| 371269.00 | 3761682.00 | 8.53E-05 | 4.04E-06 | 2.03E-07 |
| 371289.00 | 3761682.00 | 7.82E-05 | 3.71E-06 | 1.87E-07 |
| 371309.00 | 3761682.00 | 7.18E-05 | 3.42E-06 | 1.72E-07 |
| 371329.00 | 3761682.00 | 6.62E-05 | 3.16E-06 | 1.60E-07 |
| 371349.00 | 3761682.00 | 6.15E-05 | 2.94E-06 | 1.49E-07 |
| 371369.00 | 3761682.00 | 5.73E-05 | 2.74E-06 | 1.39E-07 |
| 371389.00 | 3761682.00 | 5.36E-05 | 2.56E-06 | 1.30E-07 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371229.00 | 3761662.00 | 1.02E-07 | 4.81E-09 | 2.40E-10 |
| 371249.00 | 3761662.00 | 9.24E-08 | 4.39E-09 | 2.20E-10 |
| 371269.00 | 3761662.00 | 8.42E-08 | 4.02E-09 | 2.02E-10 |
| 371289.00 | 3761662.00 | 7.75E-08 | 3.71E-09 | 1.87E-10 |
| 371309.00 | 3761662.00 | 7.14E-08 | 3.43E-09 | 1.73E-10 |
| 371329.00 | 3761662.00 | 6.62E-08 | 3.19E-09 | 1.61E-10 |
| 371349.00 | 3761662.00 | 6.13E-08 | 2.97E-09 | 1.50E-10 |
| 371369.00 | 3761662.00 | 5.70E-08 | 2.77E-09 | 1.40E-10 |
| 371389.00 | 3761662.00 | 5.32E-08 | 2.59E-09 | 1.31E-10 |
| 371409.00 | 3761662.00 | 4.97E-08 | 2.43E-09 | 1.23E-10 |
| 371429.00 | 3761662.00 | 4.65E-08 | 2.28E-09 | 1.15E-10 |
| 371449.00 | 3761662.00 | 4.36E-08 | 2.15E-09 | 1.09E-10 |
| 370869.00 | 3761682.00 | 2.12E-06 | 7.75E-08 | 4.44E-09 |
| 370889.00 | 3761682.00 | 1.78E-06 | 6.14E-08 | 3.53E-09 |
| 370909.00 | 3761682.00 | 1.76E-06 | 5.92E-08 | 3.24E-09 |
| 370929.00 | 3761682.00 | 1.49E-06 | 5.05E-08 | 2.64E-09 |
| 370949.00 | 3761682.00 | 1.21E-06 | 4.12E-08 | 2.12E-09 |
| 370969.00 | 3761682.00 | 9.64E-07 | 3.36E-08 | 1.70E-09 |
| 370989.00 | 3761682.00 | 7.61E-07 | 2.75E-08 | 1.37E-09 |
| 371009.00 | 3761682.00 | 6.02E-07 | 2.27E-08 | 1.11E-09 |
| 371029.00 | 3761682.00 | 4.80E-07 | 1.89E-08 | 9.15E-10 |
| 371049.00 | 3761682.00 | 3.89E-07 | 1.59E-08 | 7.64E-10 |
| 371069.00 | 3761682.00 | 3.19E-07 | 1.35E-08 | 6.47E-10 |
| 371089.00 | 3761682.00 | 2.66E-07 | 1.16E-08 | 5.56E-10 |
| 371109.00 | 3761682.00 | 2.26E-07 | 1.01E-08 | 4.84E-10 |
| 371129.00 | 3761682.00 | 1.94E-07 | 8.79E-09 | 4.26E-10 |
| 371149.00 | 3761682.00 | 1.69E-07 | 7.76E-09 | 3.78E-10 |
| 371169.00 | 3761682.00 | 1.49E-07 | 6.94E-09 | 3.38E-10 |
| 371189.00 | 3761682.00 | 1.33E-07 | 6.20E-09 | 3.05E-10 |
| 371209.00 | 3761682.00 | 1.19E-07 | 5.58E-09 | 2.76E-10 |
| 371229.00 | 3761682.00 | 1.08E-07 | 5.06E-09 | 2.52E-10 |
| 371249.00 | 3761682.00 | 9.76E-08 | 4.61E-09 | 2.30E-10 |
| 371269.00 | 3761682.00 | 8.92E-08 | 4.22E-09 | 2.12E-10 |
| 371289.00 | 3761682.00 | 8.17E-08 | 3.88E-09 | 1.95E-10 |
| 371309.00 | 3761682.00 | 7.51E-08 | 3.57E-09 | 1.80E-10 |
| 371329.00 | 3761682.00 | 6.92E-08 | 3.30E-09 | 1.67E-10 |
| 371349.00 | 3761682.00 | 6.43E-08 | 3.07E-09 | 1.56E-10 |
| 371369.00 | 3761682.00 | 5.99E-08 | 2.86E-09 | 1.45E-10 |
| 371389.00 | 3761682.00 | 5.60E-08 | 2.68E-09 | 1.36E-10 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371409.00 | 3761682.00 | 5.00E-05 | 2.40E-06 | 1.22E-07 |
| 371429.00 | 3761682.00 | 4.67E-05 | 2.25E-06 | 1.14E-07 |
| 371449.00 | 3761682.00 | 4.38E-05 | 2.11E-06 | 1.08E-07 |
| 370869.00 | 3761702.00 | 2.42E-03 | 9.97E-05 | 4.95E-06 |
| 370889.00 | 3761702.00 | 2.48E-03 | 9.44E-05 | 4.67E-06 |
| 370909.00 | 3761702.00 | 2.20E-03 | 8.31E-05 | 3.85E-06 |
| 370929.00 | 3761702.00 | 1.81E-03 | 6.53E-05 | 3.02E-06 |
| 370949.00 | 3761702.00 | 1.43E-03 | 5.11E-05 | 2.36E-06 |
| 370969.00 | 3761702.00 | 1.10E-03 | 4.03E-05 | 1.85E-06 |
| 370989.00 | 3761702.00 | 8.43E-04 | 3.20E-05 | 1.46E-06 |
| 371009.00 | 3761702.00 | 6.49E-04 | 2.57E-05 | 1.16E-06 |
| 371029.00 | 3761702.00 | 5.07E-04 | 2.09E-05 | 9.47E-07 |
| 371049.00 | 3761702.00 | 4.05E-04 | 1.72E-05 | 7.85E-07 |
| 371069.00 | 3761702.00 | 3.29E-04 | 1.45E-05 | 6.62E-07 |
| 371089.00 | 3761702.00 | 2.73E-04 | 1.23E-05 | 5.67E-07 |
| 371109.00 | 3761702.00 | 2.31E-04 | 1.06E-05 | 4.93E-07 |
| 371129.00 | 3761702.00 | 1.99E-04 | 9.15E-06 | 4.33E-07 |
| 371149.00 | 3761702.00 | 1.73E-04 | 8.06E-06 | 3.84E-07 |
| 371169.00 | 3761702.00 | 1.53E-04 | 7.13E-06 | 3.43E-07 |
| 371189.00 | 3761702.00 | 1.36E-04 | 6.33E-06 | 3.09E-07 |
| 371209.00 | 3761702.00 | 1.22E-04 | 5.67E-06 | 2.79E-07 |
| 371229.00 | 3761702.00 | 1.10E-04 | 5.12E-06 | 2.54E-07 |
| 371249.00 | 3761702.00 | 1.00E-04 | 4.67E-06 | 2.33E-07 |
| 371269.00 | 3761702.00 | 9.15E-05 | 4.27E-06 | 2.14E-07 |
| 371289.00 | 3761702.00 | 8.39E-05 | 3.90E-06 | 1.97E-07 |
| 371309.00 | 3761702.00 | 7.69E-05 | 3.58E-06 | 1.81E-07 |
| 371329.00 | 3761702.00 | 7.08E-05 | 3.30E-06 | 1.68E-07 |
| 371349.00 | 3761702.00 | 6.57E-05 | 3.06E-06 | 1.56E-07 |
| 371369.00 | 3761702.00 | 6.13E-05 | 2.85E-06 | 1.46E-07 |
| 371389.00 | 3761702.00 | 5.71E-05 | 2.66E-06 | 1.36E-07 |
| 371409.00 | 3761702.00 | 5.32E-05 | 2.48E-06 | 1.28E-07 |
| 371429.00 | 3761702.00 | 4.96E-05 | 2.32E-06 | 1.19E-07 |
| 371449.00 | 3761702.00 | 4.64E-05 | 2.18E-06 | 1.12E-07 |
| 370869.00 | 3761722.00 | 3.69E-03 | 2.18E-04 | 7.58E-06 |
| 370889.00 | 3761722.00 | 3.48E-03 | 1.72E-04 | 6.27E-06 |
| 370909.00 | 3761722.00 | 2.98E-03 | 1.26E-04 | 4.85E-06 |
| 370929.00 | 3761722.00 | 2.39E-03 | 9.38E-05 | 3.68E-06 |
| 370949.00 | 3761722.00 | 1.81E-03 | 6.96E-05 | 2.77E-06 |
| 370969.00 | 3761722.00 | 1.34E-03 | 5.22E-05 | 2.10E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371409.00 | 3761682.00 | 5.22E-08 | 2.51E-09 | 1.27E-10 |
| 371429.00 | 3761682.00 | 4.88E-08 | 2.35E-09 | 1.20E-10 |
| 371449.00 | 3761682.00 | 4.58E-08 | 2.21E-09 | 1.12E-10 |
| 370869.00 | 3761702.00 | 2.53E-06 | 1.04E-07 | 5.17E-09 |
| 370889.00 | 3761702.00 | 2.59E-06 | 9.86E-08 | 4.88E-09 |
| 370909.00 | 3761702.00 | 2.30E-06 | 8.69E-08 | 4.02E-09 |
| 370929.00 | 3761702.00 | 1.89E-06 | 6.82E-08 | 3.16E-09 |
| 370949.00 | 3761702.00 | 1.50E-06 | 5.34E-08 | 2.47E-09 |
| 370969.00 | 3761702.00 | 1.15E-06 | 4.21E-08 | 1.93E-09 |
| 370989.00 | 3761702.00 | 8.81E-07 | 3.34E-08 | 1.52E-09 |
| 371009.00 | 3761702.00 | 6.78E-07 | 2.68E-08 | 1.22E-09 |
| 371029.00 | 3761702.00 | 5.30E-07 | 2.18E-08 | 9.89E-10 |
| 371049.00 | 3761702.00 | 4.23E-07 | 1.80E-08 | 8.20E-10 |
| 371069.00 | 3761702.00 | 3.44E-07 | 1.51E-08 | 6.92E-10 |
| 371089.00 | 3761702.00 | 2.86E-07 | 1.28E-08 | 5.93E-10 |
| 371109.00 | 3761702.00 | 2.41E-07 | 1.11E-08 | 5.15E-10 |
| 371129.00 | 3761702.00 | 2.08E-07 | 9.56E-09 | 4.52E-10 |
| 371149.00 | 3761702.00 | 1.81E-07 | 8.43E-09 | 4.01E-10 |
| 371169.00 | 3761702.00 | 1.59E-07 | 7.46E-09 | 3.59E-10 |
| 371189.00 | 3761702.00 | 1.42E-07 | 6.61E-09 | 3.23E-10 |
| 371209.00 | 3761702.00 | 1.27E-07 | 5.92E-09 | 2.92E-10 |
| 371229.00 | 3761702.00 | 1.15E-07 | 5.35E-09 | 2.66E-10 |
| 371249.00 | 3761702.00 | 1.05E-07 | 4.88E-09 | 2.43E-10 |
| 371269.00 | 3761702.00 | 9.56E-08 | 4.46E-09 | 2.23E-10 |
| 371289.00 | 3761702.00 | 8.77E-08 | 4.08E-09 | 2.06E-10 |
| 371309.00 | 3761702.00 | 8.03E-08 | 3.74E-09 | 1.90E-10 |
| 371329.00 | 3761702.00 | 7.40E-08 | 3.45E-09 | 1.75E-10 |
| 371349.00 | 3761702.00 | 6.87E-08 | 3.20E-09 | 1.63E-10 |
| 371369.00 | 3761702.00 | 6.41E-08 | 2.98E-09 | 1.53E-10 |
| 371389.00 | 3761702.00 | 5.97E-08 | 2.78E-09 | 1.43E-10 |
| 371409.00 | 3761702.00 | 5.56E-08 | 2.60E-09 | 1.33E-10 |
| 371429.00 | 3761702.00 | 5.19E-08 | 2.43E-09 | 1.25E-10 |
| 371449.00 | 3761702.00 | 4.85E-08 | 2.28E-09 | 1.17E-10 |
| 370869.00 | 3761722.00 | 3.86E-06 | 2.27E-07 | 7.92E-09 |
| 370889.00 | 3761722.00 | 3.63E-06 | 1.80E-07 | 6.56E-09 |
| 370909.00 | 3761722.00 | 3.11E-06 | 1.32E-07 | 5.07E-09 |
| 370929.00 | 3761722.00 | 2.50E-06 | 9.81E-08 | 3.84E-09 |
| 370949.00 | 3761722.00 | 1.90E-06 | 7.27E-08 | 2.90E-09 |
| 370969.00 | 3761722.00 | 1.40E-06 | 5.45E-08 | 2.20E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370989.00 | 3761722.00 | 9.84E-04 | 3.98E-05 | 1.62E-06 |
| 371009.00 | 3761722.00 | 7.33E-04 | 3.09E-05 | 1.28E-06 |
| 371029.00 | 3761722.00 | 5.62E-04 | 2.45E-05 | 1.03E-06 |
| 371049.00 | 3761722.00 | 4.42E-04 | 1.99E-05 | 8.48E-07 |
| 371069.00 | 3761722.00 | 3.57E-04 | 1.64E-05 | 7.14E-07 |
| 371089.00 | 3761722.00 | 2.96E-04 | 1.38E-05 | 6.11E-07 |
| 371109.00 | 3761722.00 | 2.50E-04 | 1.17E-05 | 5.30E-07 |
| 371129.00 | 3761722.00 | 2.15E-04 | 9.95E-06 | 4.64E-07 |
| 371149.00 | 3761722.00 | 1.87E-04 | 8.66E-06 | 4.11E-07 |
| 371169.00 | 3761722.00 | 1.66E-04 | 7.75E-06 | 3.68E-07 |
| 371189.00 | 3761722.00 | 1.48E-04 | 6.84E-06 | 3.31E-07 |
| 371209.00 | 3761722.00 | 1.33E-04 | 6.09E-06 | 2.99E-07 |
| 371229.00 | 3761722.00 | 1.20E-04 | 5.46E-06 | 2.72E-07 |
| 371249.00 | 3761722.00 | 1.10E-04 | 5.00E-06 | 2.49E-07 |
| 371269.00 | 3761722.00 | 1.00E-04 | 4.54E-06 | 2.28E-07 |
| 371289.00 | 3761722.00 | 9.20E-05 | 4.13E-06 | 2.10E-07 |
| 371309.00 | 3761722.00 | 8.41E-05 | 3.78E-06 | 1.93E-07 |
| 371329.00 | 3761722.00 | 7.76E-05 | 3.48E-06 | 1.79E-07 |
| 371349.00 | 3761722.00 | 7.21E-05 | 3.22E-06 | 1.67E-07 |
| 371369.00 | 3761722.00 | 6.69E-05 | 2.99E-06 | 1.55E-07 |
| 371389.00 | 3761722.00 | 6.21E-05 | 2.78E-06 | 1.45E-07 |
| 371409.00 | 3761722.00 | 5.76E-05 | 2.59E-06 | 1.35E-07 |
| 371429.00 | 3761722.00 | 5.36E-05 | 2.41E-06 | 1.26E-07 |
| 371449.00 | 3761722.00 | 5.00E-05 | 2.26E-06 | 1.18E-07 |
| 370869.00 | 3761742.00 | 5.30E-03 | 5.14E-04 | 1.10E-05 |
| 370889.00 | 3761742.00 | 4.98E-03 | 3.17E-04 | 8.55E-06 |
| 370909.00 | 3761742.00 | 4.25E-03 | 2.12E-04 | 6.29E-06 |
| 370929.00 | 3761742.00 | 3.30E-03 | 1.46E-04 | 4.54E-06 |
| 370949.00 | 3761742.00 | 2.37E-03 | 1.00E-04 | 3.28E-06 |
| 370969.00 | 3761742.00 | 1.65E-03 | 7.05E-05 | 2.41E-06 |
| 370989.00 | 3761742.00 | 1.15E-03 | 5.08E-05 | 1.81E-06 |
| 371009.00 | 3761742.00 | 8.35E-04 | 3.79E-05 | 1.41E-06 |
| 371029.00 | 3761742.00 | 6.27E-04 | 2.93E-05 | 1.13E-06 |
| 371049.00 | 3761742.00 | 4.90E-04 | 2.32E-05 | 9.31E-07 |
| 371069.00 | 3761742.00 | 3.96E-04 | 1.89E-05 | 7.83E-07 |
| 371089.00 | 3761742.00 | 3.29E-04 | 1.57E-05 | 6.70E-07 |
| 371109.00 | 3761742.00 | 2.80E-04 | 1.32E-05 | 5.82E-07 |
| 371129.00 | 3761742.00 | 2.42E-04 | 1.12E-05 | 5.11E-07 |
| 371149.00 | 3761742.00 | 2.10E-04 | 9.57E-06 | 4.49E-07 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370989.00 | 3761722.00 | 1.03E-06 | 4.16E-08 | 1.70E-09 |
| 371009.00 | 3761722.00 | 7.66E-07 | 3.23E-08 | 1.33E-09 |
| 371029.00 | 3761722.00 | 5.87E-07 | 2.56E-08 | 1.08E-09 |
| 371049.00 | 3761722.00 | 4.62E-07 | 2.08E-08 | 8.87E-10 |
| 371069.00 | 3761722.00 | 3.73E-07 | 1.71E-08 | 7.46E-10 |
| 371089.00 | 3761722.00 | 3.09E-07 | 1.44E-08 | 6.38E-10 |
| 371109.00 | 3761722.00 | 2.62E-07 | 1.23E-08 | 5.54E-10 |
| 371129.00 | 3761722.00 | 2.25E-07 | 1.04E-08 | 4.85E-10 |
| 371149.00 | 3761722.00 | 1.96E-07 | 9.06E-09 | 4.29E-10 |
| 371169.00 | 3761722.00 | 1.74E-07 | 8.10E-09 | 3.85E-10 |
| 371189.00 | 3761722.00 | 1.55E-07 | 7.15E-09 | 3.46E-10 |
| 371209.00 | 3761722.00 | 1.39E-07 | 6.36E-09 | 3.13E-10 |
| 371229.00 | 3761722.00 | 1.25E-07 | 5.71E-09 | 2.84E-10 |
| 371249.00 | 3761722.00 | 1.15E-07 | 5.22E-09 | 2.60E-10 |
| 371269.00 | 3761722.00 | 1.05E-07 | 4.75E-09 | 2.39E-10 |
| 371289.00 | 3761722.00 | 9.62E-08 | 4.32E-09 | 2.20E-10 |
| 371309.00 | 3761722.00 | 8.79E-08 | 3.95E-09 | 2.02E-10 |
| 371329.00 | 3761722.00 | 8.11E-08 | 3.64E-09 | 1.87E-10 |
| 371349.00 | 3761722.00 | 7.54E-08 | 3.37E-09 | 1.74E-10 |
| 371369.00 | 3761722.00 | 7.00E-08 | 3.13E-09 | 1.62E-10 |
| 371389.00 | 3761722.00 | 6.49E-08 | 2.90E-09 | 1.51E-10 |
| 371409.00 | 3761722.00 | 6.02E-08 | 2.70E-09 | 1.41E-10 |
| 371429.00 | 3761722.00 | 5.60E-08 | 2.52E-09 | 1.32E-10 |
| 371449.00 | 3761722.00 | 5.22E-08 | 2.36E-09 | 1.23E-10 |
| 370869.00 | 3761742.00 | 5.54E-06 | 5.38E-07 | 1.15E-08 |
| 370889.00 | 3761742.00 | 5.21E-06 | 3.31E-07 | 8.94E-09 |
| 370909.00 | 3761742.00 | 4.44E-06 | 2.21E-07 | 6.58E-09 |
| 370929.00 | 3761742.00 | 3.45E-06 | 1.52E-07 | 4.74E-09 |
| 370949.00 | 3761742.00 | 2.48E-06 | 1.05E-07 | 3.42E-09 |
| 370969.00 | 3761742.00 | 1.72E-06 | 7.36E-08 | 2.51E-09 |
| 370989.00 | 3761742.00 | 1.21E-06 | 5.31E-08 | 1.90E-09 |
| 371009.00 | 3761742.00 | 8.72E-07 | 3.97E-08 | 1.47E-09 |
| 371029.00 | 3761742.00 | 6.56E-07 | 3.06E-08 | 1.18E-09 |
| 371049.00 | 3761742.00 | 5.12E-07 | 2.43E-08 | 9.73E-10 |
| 371069.00 | 3761742.00 | 4.14E-07 | 1.97E-08 | 8.18E-10 |
| 371089.00 | 3761742.00 | 3.44E-07 | 1.64E-08 | 7.00E-10 |
| 371109.00 | 3761742.00 | 2.93E-07 | 1.38E-08 | 6.08E-10 |
| 371129.00 | 3761742.00 | 2.53E-07 | 1.17E-08 | 5.34E-10 |
| 371149.00 | 3761742.00 | 2.20E-07 | 1.00E-08 | 4.69E-10 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371169.00 | 3761742.00 | 1.88E-04 | 8.54E-06 | 4.04E-07 |
| 371189.00 | 3761742.00 | 1.68E-04 | 7.52E-06 | 3.63E-07 |
| 371209.00 | 3761742.00 | 1.51E-04 | 6.66E-06 | 3.28E-07 |
| 371229.00 | 3761742.00 | 1.37E-04 | 5.97E-06 | 2.98E-07 |
| 371249.00 | 3761742.00 | 1.24E-04 | 5.39E-06 | 2.72E-07 |
| 371269.00 | 3761742.00 | 1.14E-04 | 4.88E-06 | 2.49E-07 |
| 371289.00 | 3761742.00 | 1.04E-04 | 4.43E-06 | 2.29E-07 |
| 371309.00 | 3761742.00 | 9.55E-05 | 4.06E-06 | 2.11E-07 |
| 371329.00 | 3761742.00 | 8.79E-05 | 3.70E-06 | 1.95E-07 |
| 371349.00 | 3761742.00 | 8.04E-05 | 3.40E-06 | 1.80E-07 |
| 371369.00 | 3761742.00 | 7.46E-05 | 3.15E-06 | 1.67E-07 |
| 371389.00 | 3761742.00 | 6.92E-05 | 2.92E-06 | 1.56E-07 |
| 371409.00 | 3761742.00 | 6.38E-05 | 2.71E-06 | 1.45E-07 |
| 371429.00 | 3761742.00 | 5.90E-05 | 2.52E-06 | 1.35E-07 |
| 371449.00 | 3761742.00 | 5.49E-05 | 2.36E-06 | 1.26E-07 |
| 370869.00 | 3761762.00 | 7.86E-03 | 5.64E-04 | 1.67E-05 |
| 370889.00 | 3761762.00 | 7.65E-03 | 5.56E-04 | 1.23E-05 |
| 370909.00 | 3761762.00 | 6.52E-03 | 4.10E-04 | 8.42E-06 |
| 370929.00 | 3761762.00 | 4.85E-03 | 2.51E-04 | 5.69E-06 |
| 370949.00 | 3761762.00 | 3.22E-03 | 1.53E-04 | 3.91E-06 |
| 370969.00 | 3761762.00 | 2.07E-03 | 9.77E-05 | 2.78E-06 |
| 370989.00 | 3761762.00 | 1.37E-03 | 6.62E-05 | 2.06E-06 |
| 371009.00 | 3761762.00 | 9.64E-04 | 4.75E-05 | 1.59E-06 |
| 371029.00 | 3761762.00 | 7.20E-04 | 3.57E-05 | 1.28E-06 |
| 371049.00 | 3761762.00 | 5.66E-04 | 2.78E-05 | 1.06E-06 |
| 371069.00 | 3761762.00 | 4.63E-04 | 2.23E-05 | 8.91E-07 |
| 371089.00 | 3761762.00 | 3.89E-04 | 1.82E-05 | 7.64E-07 |
| 371109.00 | 3761762.00 | 3.34E-04 | 1.52E-05 | 6.64E-07 |
| 371129.00 | 3761762.00 | 2.90E-04 | 1.29E-05 | 5.83E-07 |
| 371149.00 | 3761762.00 | 2.55E-04 | 1.10E-05 | 5.16E-07 |
| 371169.00 | 3761762.00 | 2.26E-04 | 9.55E-06 | 4.60E-07 |
| 371189.00 | 3761762.00 | 2.02E-04 | 8.36E-06 | 4.12E-07 |
| 371209.00 | 3761762.00 | 1.81E-04 | 7.38E-06 | 3.72E-07 |
| 371229.00 | 3761762.00 | 1.63E-04 | 6.57E-06 | 3.37E-07 |
| 371249.00 | 3761762.00 | 1.47E-04 | 5.88E-06 | 3.06E-07 |
| 371269.00 | 3761762.00 | 1.34E-04 | 5.30E-06 | 2.80E-07 |
| 371289.00 | 3761762.00 | 1.22E-04 | 4.79E-06 | 2.56E-07 |
| 371309.00 | 3761762.00 | 1.11E-04 | 4.36E-06 | 2.35E-07 |
| 371329.00 | 3761762.00 | 1.02E-04 | 3.97E-06 | 2.17E-07 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371169.00 | 3761742.00 | 1.97E-07 | 8.93E-09 | 4.22E-10 |
| 371189.00 | 3761742.00 | 1.76E-07 | 7.86E-09 | 3.79E-10 |
| 371209.00 | 3761742.00 | 1.58E-07 | 6.96E-09 | 3.43E-10 |
| 371229.00 | 3761742.00 | 1.43E-07 | 6.24E-09 | 3.11E-10 |
| 371249.00 | 3761742.00 | 1.30E-07 | 5.64E-09 | 2.84E-10 |
| 371269.00 | 3761742.00 | 1.19E-07 | 5.10E-09 | 2.60E-10 |
| 371289.00 | 3761742.00 | 1.09E-07 | 4.63E-09 | 2.39E-10 |
| 371309.00 | 3761742.00 | 9.99E-08 | 4.24E-09 | 2.21E-10 |
| 371329.00 | 3761742.00 | 9.18E-08 | 3.87E-09 | 2.04E-10 |
| 371349.00 | 3761742.00 | 8.40E-08 | 3.56E-09 | 1.88E-10 |
| 371369.00 | 3761742.00 | 7.80E-08 | 3.29E-09 | 1.75E-10 |
| 371389.00 | 3761742.00 | 7.23E-08 | 3.06E-09 | 1.63E-10 |
| 371409.00 | 3761742.00 | 6.67E-08 | 2.84E-09 | 1.51E-10 |
| 371429.00 | 3761742.00 | 6.17E-08 | 2.64E-09 | 1.41E-10 |
| 371449.00 | 3761742.00 | 5.74E-08 | 2.47E-09 | 1.32E-10 |
| 370869.00 | 3761762.00 | 8.22E-06 | 5.90E-07 | 1.74E-08 |
| 370889.00 | 3761762.00 | 7.99E-06 | 5.82E-07 | 1.29E-08 |
| 370909.00 | 3761762.00 | 6.82E-06 | 4.29E-07 | 8.81E-09 |
| 370929.00 | 3761762.00 | 5.07E-06 | 2.62E-07 | 5.95E-09 |
| 370949.00 | 3761762.00 | 3.37E-06 | 1.60E-07 | 4.08E-09 |
| 370969.00 | 3761762.00 | 2.16E-06 | 1.02E-07 | 2.90E-09 |
| 370989.00 | 3761762.00 | 1.43E-06 | 6.92E-08 | 2.15E-09 |
| 371009.00 | 3761762.00 | 1.01E-06 | 4.97E-08 | 1.67E-09 |
| 371029.00 | 3761762.00 | 7.52E-07 | 3.73E-08 | 1.34E-09 |
| 371049.00 | 3761762.00 | 5.91E-07 | 2.91E-08 | 1.10E-09 |
| 371069.00 | 3761762.00 | 4.84E-07 | 2.33E-08 | 9.32E-10 |
| 371089.00 | 3761762.00 | 4.07E-07 | 1.91E-08 | 7.99E-10 |
| 371109.00 | 3761762.00 | 3.49E-07 | 1.59E-08 | 6.94E-10 |
| 371129.00 | 3761762.00 | 3.04E-07 | 1.34E-08 | 6.09E-10 |
| 371149.00 | 3761762.00 | 2.67E-07 | 1.15E-08 | 5.39E-10 |
| 371169.00 | 3761762.00 | 2.37E-07 | 9.99E-09 | 4.81E-10 |
| 371189.00 | 3761762.00 | 2.11E-07 | 8.74E-09 | 4.31E-10 |
| 371209.00 | 3761762.00 | 1.89E-07 | 7.72E-09 | 3.89E-10 |
| 371229.00 | 3761762.00 | 1.70E-07 | 6.86E-09 | 3.52E-10 |
| 371249.00 | 3761762.00 | 1.54E-07 | 6.15E-09 | 3.20E-10 |
| 371269.00 | 3761762.00 | 1.40E-07 | 5.54E-09 | 2.92E-10 |
| 371289.00 | 3761762.00 | 1.27E-07 | 5.01E-09 | 2.68E-10 |
| 371309.00 | 3761762.00 | 1.16E-07 | 4.55E-09 | 2.46E-10 |
| 371329.00 | 3761762.00 | 1.07E-07 | 4.15E-09 | 2.27E-10 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371349.00 | 3761762.00 | 9.31E-05 | 3.63E-06 | 2.00E-07 |
| 371369.00 | 3761762.00 | 8.48E-05 | 3.34E-06 | 1.83E-07 |
| 371389.00 | 3761762.00 | 7.78E-05 | 3.08E-06 | 1.69E-07 |
| 371409.00 | 3761762.00 | 7.16E-05 | 2.85E-06 | 1.57E-07 |
| 371429.00 | 3761762.00 | 6.62E-05 | 2.65E-06 | 1.46E-07 |
| 371449.00 | 3761762.00 | 6.13E-05 | 2.47E-06 | 1.36E-07 |
| 370869.00 | 3761782.00 | 1.24E-02 | 7.97E-04 | 2.83E-05 |
| 370889.00 | 3761782.00 | 1.28E-02 | 4.88E-04 | 1.90E-05 |
| 370909.00 | 3761782.00 | 1.11E-02 | 5.76E-04 | 1.17E-05 |
| 370929.00 | 3761782.00 | 7.72E-03 | 5.10E-04 | 7.26E-06 |
| 370949.00 | 3761782.00 | 4.58E-03 | 2.48E-04 | 4.75E-06 |
| 370969.00 | 3761782.00 | 2.66E-03 | 1.38E-04 | 3.32E-06 |
| 370989.00 | 3761782.00 | 1.68E-03 | 8.77E-05 | 2.46E-06 |
| 371009.00 | 3761782.00 | 1.19E-03 | 6.08E-05 | 1.92E-06 |
| 371029.00 | 3761782.00 | 9.11E-04 | 4.46E-05 | 1.55E-06 |
| 371049.00 | 3761782.00 | 7.34E-04 | 3.41E-05 | 1.29E-06 |
| 371069.00 | 3761782.00 | 6.11E-04 | 2.68E-05 | 1.09E-06 |
| 371089.00 | 3761782.00 | 5.17E-04 | 2.16E-05 | 9.35E-07 |
| 371109.00 | 3761782.00 | 4.44E-04 | 1.78E-05 | 8.10E-07 |
| 371129.00 | 3761782.00 | 3.84E-04 | 1.49E-05 | 7.08E-07 |
| 371149.00 | 3761782.00 | 3.35E-04 | 1.26E-05 | 6.23E-07 |
| 371169.00 | 3761782.00 | 2.94E-04 | 1.09E-05 | 5.52E-07 |
| 371189.00 | 3761782.00 | 2.59E-04 | 9.43E-06 | 4.92E-07 |
| 371209.00 | 3761782.00 | 2.30E-04 | 8.26E-06 | 4.41E-07 |
| 371229.00 | 3761782.00 | 2.05E-04 | 7.28E-06 | 3.96E-07 |
| 371249.00 | 3761782.00 | 1.83E-04 | 6.49E-06 | 3.58E-07 |
| 371269.00 | 3761782.00 | 1.65E-04 | 5.76E-06 | 3.25E-07 |
| 371289.00 | 3761782.00 | 1.49E-04 | 5.21E-06 | 2.96E-07 |
| 371309.00 | 3761782.00 | 1.35E-04 | 4.71E-06 | 2.70E-07 |
| 371329.00 | 3761782.00 | 1.21E-04 | 4.27E-06 | 2.46E-07 |
| 371349.00 | 3761782.00 | 1.09E-04 | 3.90E-06 | 2.24E-07 |
| 371369.00 | 3761782.00 | 9.81E-05 | 3.56E-06 | 2.04E-07 |
| 371389.00 | 3761782.00 | 8.99E-05 | 3.28E-06 | 1.88E-07 |
| 371409.00 | 3761782.00 | 8.33E-05 | 3.04E-06 | 1.75E-07 |
| 371429.00 | 3761782.00 | 7.65E-05 | 2.82E-06 | 1.62E-07 |
| 371449.00 | 3761782.00 | 7.05E-05 | 2.62E-06 | 1.51E-07 |
| 370869.00 | 3761802.00 | 2.08E-02 | 5.63E-04 | 5.80E-05 |
| 370889.00 | 3761802.00 | 2.38E-02 | 8.89E-04 | 3.25E-05 |
| 370909.00 | 3761802.00 | 2.15E-02 | 8.81E-04 | 1.70E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371349.00 | 3761762.00 | 9.73E-08 | 3.80E-09 | 2.09E-10 |
| 371369.00 | 3761762.00 | 8.86E-08 | 3.49E-09 | 1.92E-10 |
| 371389.00 | 3761762.00 | 8.13E-08 | 3.22E-09 | 1.77E-10 |
| 371409.00 | 3761762.00 | 7.49E-08 | 2.98E-09 | 1.64E-10 |
| 371429.00 | 3761762.00 | 6.92E-08 | 2.77E-09 | 1.53E-10 |
| 371449.00 | 3761762.00 | 6.41E-08 | 2.58E-09 | 1.42E-10 |
| 370869.00 | 3761782.00 | 1.30E-05 | 8.33E-07 | 2.96E-08 |
| 370889.00 | 3761782.00 | 1.34E-05 | 5.10E-07 | 1.99E-08 |
| 370909.00 | 3761782.00 | 1.16E-05 | 6.02E-07 | 1.22E-08 |
| 370929.00 | 3761782.00 | 8.07E-06 | 5.33E-07 | 7.58E-09 |
| 370949.00 | 3761782.00 | 4.79E-06 | 2.59E-07 | 4.97E-09 |
| 370969.00 | 3761782.00 | 2.78E-06 | 1.44E-07 | 3.47E-09 |
| 370989.00 | 3761782.00 | 1.76E-06 | 9.17E-08 | 2.57E-09 |
| 371009.00 | 3761782.00 | 1.24E-06 | 6.36E-08 | 2.01E-09 |
| 371029.00 | 3761782.00 | 9.52E-07 | 4.66E-08 | 1.63E-09 |
| 371049.00 | 3761782.00 | 7.68E-07 | 3.56E-08 | 1.35E-09 |
| 371069.00 | 3761782.00 | 6.38E-07 | 2.80E-08 | 1.14E-09 |
| 371089.00 | 3761782.00 | 5.41E-07 | 2.26E-08 | 9.78E-10 |
| 371109.00 | 3761782.00 | 4.64E-07 | 1.86E-08 | 8.47E-10 |
| 371129.00 | 3761782.00 | 4.01E-07 | 1.56E-08 | 7.40E-10 |
| 371149.00 | 3761782.00 | 3.50E-07 | 1.32E-08 | 6.51E-10 |
| 371169.00 | 3761782.00 | 3.07E-07 | 1.13E-08 | 5.77E-10 |
| 371189.00 | 3761782.00 | 2.71E-07 | 9.85E-09 | 5.14E-10 |
| 371209.00 | 3761782.00 | 2.40E-07 | 8.63E-09 | 4.61E-10 |
| 371229.00 | 3761782.00 | 2.14E-07 | 7.61E-09 | 4.14E-10 |
| 371249.00 | 3761782.00 | 1.92E-07 | 6.78E-09 | 3.74E-10 |
| 371269.00 | 3761782.00 | 1.72E-07 | 6.02E-09 | 3.39E-10 |
| 371289.00 | 3761782.00 | 1.55E-07 | 5.44E-09 | 3.09E-10 |
| 371309.00 | 3761782.00 | 1.41E-07 | 4.92E-09 | 2.82E-10 |
| 371329.00 | 3761782.00 | 1.26E-07 | 4.47E-09 | 2.57E-10 |
| 371349.00 | 3761782.00 | 1.14E-07 | 4.07E-09 | 2.34E-10 |
| 371369.00 | 3761782.00 | 1.03E-07 | 3.72E-09 | 2.13E-10 |
| 371389.00 | 3761782.00 | 9.39E-08 | 3.42E-09 | 1.97E-10 |
| 371409.00 | 3761782.00 | 8.70E-08 | 3.18E-09 | 1.83E-10 |
| 371429.00 | 3761782.00 | 7.99E-08 | 2.94E-09 | 1.70E-10 |
| 371449.00 | 3761782.00 | 7.37E-08 | 2.74E-09 | 1.57E-10 |
| 370869.00 | 3761802.00 | 2.17E-05 | 5.88E-07 | 6.07E-08 |
| 370889.00 | 3761802.00 | 2.49E-05 | 9.29E-07 | 3.39E-08 |
| 370909.00 | 3761802.00 | 2.25E-05 | 9.21E-07 | 1.78E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370929.00 | 3761802.00 | 1.38E-02 | 5.64E-04 | 9.85E-06 |
| 370949.00 | 3761802.00 | 6.92E-03 | 4.00E-04 | 6.40E-06 |
| 370969.00 | 3761802.00 | 3.79E-03 | 1.95E-04 | 4.53E-06 |
| 370989.00 | 3761802.00 | 2.53E-03 | 1.17E-04 | 3.42E-06 |
| 371009.00 | 3761802.00 | 1.89E-03 | 7.84E-05 | 2.68E-06 |
| 371029.00 | 3761802.00 | 1.48E-03 | 5.61E-05 | 2.17E-06 |
| 371049.00 | 3761802.00 | 1.19E-03 | 4.21E-05 | 1.79E-06 |
| 371069.00 | 3761802.00 | 9.67E-04 | 3.26E-05 | 1.49E-06 |
| 371089.00 | 3761802.00 | 7.98E-04 | 2.59E-05 | 1.26E-06 |
| 371109.00 | 3761802.00 | 6.65E-04 | 2.11E-05 | 1.08E-06 |
| 371129.00 | 3761802.00 | 5.60E-04 | 1.75E-05 | 9.29E-07 |
| 371149.00 | 3761802.00 | 4.76E-04 | 1.46E-05 | 8.06E-07 |
| 371169.00 | 3761802.00 | 4.09E-04 | 1.24E-05 | 7.04E-07 |
| 371189.00 | 3761802.00 | 3.53E-04 | 1.07E-05 | 6.20E-07 |
| 371209.00 | 3761802.00 | 3.07E-04 | 9.32E-06 | 5.49E-07 |
| 371229.00 | 3761802.00 | 2.69E-04 | 8.17E-06 | 4.88E-07 |
| 371249.00 | 3761802.00 | 2.37E-04 | 7.20E-06 | 4.37E-07 |
| 371269.00 | 3761802.00 | 2.11E-04 | 6.40E-06 | 3.92E-07 |
| 371289.00 | 3761802.00 | 1.84E-04 | 5.70E-06 | 3.49E-07 |
| 371309.00 | 3761802.00 | 1.64E-04 | 5.13E-06 | 3.15E-07 |
| 371329.00 | 3761802.00 | 1.47E-04 | 4.65E-06 | 2.86E-07 |
| 371349.00 | 3761802.00 | 1.33E-04 | 4.22E-06 | 2.60E-07 |
| 371369.00 | 3761802.00 | 1.19E-04 | 3.85E-06 | 2.37E-07 |
| 371389.00 | 3761802.00 | 1.07E-04 | 3.53E-06 | 2.16E-07 |
| 371409.00 | 3761802.00 | 9.82E-05 | 3.25E-06 | 1.99E-07 |
| 371429.00 | 3761802.00 | 8.81E-05 | 2.98E-06 | 1.81E-07 |
| 371449.00 | 3761802.00 | 8.15E-05 | 2.78E-06 | 1.68E-07 |
| 370869.00 | 3761822.00 | 3.45E-02 | 3.98E-04 | 1.63E-04 |
| 370889.00 | 3761822.00 | 4.22E-02 | 5.13E-04 | 6.24E-05 |
| 370949.00 | 3761822.00 | 1.55E-02 | 4.35E-04 | 1.21E-05 |
| 370969.00 | 3761822.00 | 9.75E-03 | 2.35E-04 | 8.31E-06 |
| 370989.00 | 3761822.00 | 6.45E-03 | 1.44E-04 | 6.05E-06 |
| 371009.00 | 3761822.00 | 4.42E-03 | 9.64E-05 | 4.57E-06 |
| 371029.00 | 3761822.00 | 3.13E-03 | 6.85E-05 | 3.55E-06 |
| 371049.00 | 3761822.00 | 2.29E-03 | 5.09E-05 | 2.82E-06 |
| 371069.00 | 3761822.00 | 1.74E-03 | 3.91E-05 | 2.28E-06 |
| 371089.00 | 3761822.00 | 1.35E-03 | 3.09E-05 | 1.87E-06 |
| 371109.00 | 3761822.00 | 1.07E-03 | 2.49E-05 | 1.55E-06 |
| 371129.00 | 3761822.00 | 8.67E-04 | 2.05E-05 | 1.31E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370929.00 | 3761802.00 | 1.44E-05 | 5.90E-07 | 1.03E-08 |
| 370949.00 | 3761802.00 | 7.24E-06 | 4.18E-07 | 6.68E-09 |
| 370969.00 | 3761802.00 | 3.96E-06 | 2.04E-07 | 4.74E-09 |
| 370989.00 | 3761802.00 | 2.64E-06 | 1.22E-07 | 3.57E-09 |
| 371009.00 | 3761802.00 | 1.97E-06 | 8.20E-08 | 2.81E-09 |
| 371029.00 | 3761802.00 | 1.55E-06 | 5.87E-08 | 2.27E-09 |
| 371049.00 | 3761802.00 | 1.24E-06 | 4.40E-08 | 1.87E-09 |
| 371069.00 | 3761802.00 | 1.01E-06 | 3.41E-08 | 1.56E-09 |
| 371089.00 | 3761802.00 | 8.34E-07 | 2.71E-08 | 1.32E-09 |
| 371109.00 | 3761802.00 | 6.95E-07 | 2.20E-08 | 1.13E-09 |
| 371129.00 | 3761802.00 | 5.86E-07 | 1.82E-08 | 9.71E-10 |
| 371149.00 | 3761802.00 | 4.98E-07 | 1.52E-08 | 8.42E-10 |
| 371169.00 | 3761802.00 | 4.27E-07 | 1.30E-08 | 7.36E-10 |
| 371189.00 | 3761802.00 | 3.69E-07 | 1.12E-08 | 6.48E-10 |
| 371209.00 | 3761802.00 | 3.21E-07 | 9.74E-09 | 5.73E-10 |
| 371229.00 | 3761802.00 | 2.82E-07 | 8.54E-09 | 5.10E-10 |
| 371249.00 | 3761802.00 | 2.48E-07 | 7.52E-09 | 4.56E-10 |
| 371269.00 | 3761802.00 | 2.20E-07 | 6.69E-09 | 4.10E-10 |
| 371289.00 | 3761802.00 | 1.92E-07 | 5.95E-09 | 3.65E-10 |
| 371309.00 | 3761802.00 | 1.71E-07 | 5.36E-09 | 3.29E-10 |
| 371329.00 | 3761802.00 | 1.54E-07 | 4.86E-09 | 2.99E-10 |
| 371349.00 | 3761802.00 | 1.39E-07 | 4.42E-09 | 2.72E-10 |
| 371369.00 | 3761802.00 | 1.24E-07 | 4.03E-09 | 2.47E-10 |
| 371389.00 | 3761802.00 | 1.12E-07 | 3.68E-09 | 2.25E-10 |
| 371409.00 | 3761802.00 | 1.03E-07 | 3.40E-09 | 2.08E-10 |
| 371429.00 | 3761802.00 | 9.21E-08 | 3.12E-09 | 1.89E-10 |
| 371449.00 | 3761802.00 | 8.52E-08 | 2.90E-09 | 1.76E-10 |
| 370869.00 | 3761822.00 | 3.60E-05 | 4.16E-07 | 1.71E-07 |
| 370889.00 | 3761822.00 | 4.42E-05 | 5.36E-07 | 6.53E-08 |
| 370949.00 | 3761822.00 | 1.62E-05 | 4.55E-07 | 1.26E-08 |
| 370969.00 | 3761822.00 | 1.02E-05 | 2.46E-07 | 8.68E-09 |
| 370989.00 | 3761822.00 | 6.74E-06 | 1.50E-07 | 6.32E-09 |
| 371009.00 | 3761822.00 | 4.62E-06 | 1.01E-07 | 4.78E-09 |
| 371029.00 | 3761822.00 | 3.27E-06 | 7.16E-08 | 3.71E-09 |
| 371049.00 | 3761822.00 | 2.40E-06 | 5.32E-08 | 2.95E-09 |
| 371069.00 | 3761822.00 | 1.82E-06 | 4.09E-08 | 2.38E-09 |
| 371089.00 | 3761822.00 | 1.41E-06 | 3.23E-08 | 1.95E-09 |
| 371109.00 | 3761822.00 | 1.12E-06 | 2.60E-08 | 1.62E-09 |
| 371129.00 | 3761822.00 | 9.06E-07 | 2.14E-08 | 1.36E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371149.00 | 3761822.00 | 7.12E-04 | 1.71E-05 | 1.11E-06 |
| 371169.00 | 3761822.00 | 5.92E-04 | 1.44E-05 | 9.49E-07 |
| 371189.00 | 3761822.00 | 4.99E-04 | 1.23E-05 | 8.20E-07 |
| 371209.00 | 3761822.00 | 4.23E-04 | 1.05E-05 | 7.13E-07 |
| 371229.00 | 3761822.00 | 3.64E-04 | 9.18E-06 | 6.25E-07 |
| 371249.00 | 3761822.00 | 3.15E-04 | 8.06E-06 | 5.51E-07 |
| 371269.00 | 3761822.00 | 2.74E-04 | 7.14E-06 | 4.89E-07 |
| 371289.00 | 3761822.00 | 2.31E-04 | 6.29E-06 | 4.21E-07 |
| 371309.00 | 3761822.00 | 2.04E-04 | 5.63E-06 | 3.76E-07 |
| 371329.00 | 3761822.00 | 1.81E-04 | 5.08E-06 | 3.39E-07 |
| 371349.00 | 3761822.00 | 1.64E-04 | 4.61E-06 | 3.09E-07 |
| 371369.00 | 3761822.00 | 1.46E-04 | 4.19E-06 | 2.79E-07 |
| 371389.00 | 3761822.00 | 1.32E-04 | 3.84E-06 | 2.55E-07 |
| 371409.00 | 3761822.00 | 1.17E-04 | 3.50E-06 | 2.30E-07 |
| 371429.00 | 3761822.00 | 1.06E-04 | 3.22E-06 | 2.09E-07 |
| 371449.00 | 3761822.00 | 9.86E-05 | 3.00E-06 | 1.96E-07 |
| 370969.00 | 3761842.00 | 3.74E-02 | 2.21E-04 | 1.87E-05 |
| 370989.00 | 3761842.00 | 1.90E-02 | 1.51E-04 | 1.24E-05 |
| 371009.00 | 3761842.00 | 1.06E-02 | 1.07E-04 | 8.70E-06 |
| 371029.00 | 3761842.00 | 6.54E-03 | 7.81E-05 | 6.35E-06 |
| 371049.00 | 3761842.00 | 4.36E-03 | 5.88E-05 | 4.77E-06 |
| 371069.00 | 3761842.00 | 3.08E-03 | 4.54E-05 | 3.68E-06 |
| 371089.00 | 3761842.00 | 2.26E-03 | 3.59E-05 | 2.91E-06 |
| 371109.00 | 3761842.00 | 1.71E-03 | 2.89E-05 | 2.33E-06 |
| 371129.00 | 3761842.00 | 1.34E-03 | 2.37E-05 | 1.91E-06 |
| 371149.00 | 3761842.00 | 1.06E-03 | 1.97E-05 | 1.58E-06 |
| 371169.00 | 3761842.00 | 8.60E-04 | 1.65E-05 | 1.32E-06 |
| 371189.00 | 3761842.00 | 7.07E-04 | 1.40E-05 | 1.12E-06 |
| 371209.00 | 3761842.00 | 5.88E-04 | 1.20E-05 | 9.54E-07 |
| 371229.00 | 3761842.00 | 4.93E-04 | 1.04E-05 | 8.21E-07 |
| 371249.00 | 3761842.00 | 4.21E-04 | 9.09E-06 | 7.14E-07 |
| 371269.00 | 3761842.00 | 3.60E-04 | 8.00E-06 | 6.23E-07 |
| 371289.00 | 3761842.00 | 3.05E-04 | 7.05E-06 | 5.37E-07 |
| 371309.00 | 3761842.00 | 2.63E-04 | 6.27E-06 | 4.70E-07 |
| 371329.00 | 3761842.00 | 2.29E-04 | 5.61E-06 | 4.16E-07 |
| 371349.00 | 3761842.00 | 2.03E-04 | 5.06E-06 | 3.73E-07 |
| 371369.00 | 3761842.00 | 1.83E-04 | 4.61E-06 | 3.41E-07 |
| 371389.00 | 3761842.00 | 1.63E-04 | 4.19E-06 | 3.07E-07 |
| 371409.00 | 3761842.00 | 1.45E-04 | 3.82E-06 | 2.76E-07 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371149.00 | 3761822.00 | 7.44E-07 | 1.78E-08 | 1.16E-09 |
| 371169.00 | 3761822.00 | 6.19E-07 | 1.50E-08 | 9.92E-10 |
| 371189.00 | 3761822.00 | 5.21E-07 | 1.28E-08 | 8.57E-10 |
| 371209.00 | 3761822.00 | 4.42E-07 | 1.10E-08 | 7.45E-10 |
| 371229.00 | 3761822.00 | 3.80E-07 | 9.59E-09 | 6.53E-10 |
| 371249.00 | 3761822.00 | 3.29E-07 | 8.43E-09 | 5.76E-10 |
| 371269.00 | 3761822.00 | 2.87E-07 | 7.46E-09 | 5.11E-10 |
| 371289.00 | 3761822.00 | 2.42E-07 | 6.57E-09 | 4.40E-10 |
| 371309.00 | 3761822.00 | 2.13E-07 | 5.88E-09 | 3.93E-10 |
| 371329.00 | 3761822.00 | 1.89E-07 | 5.31E-09 | 3.54E-10 |
| 371349.00 | 3761822.00 | 1.71E-07 | 4.82E-09 | 3.23E-10 |
| 371369.00 | 3761822.00 | 1.52E-07 | 4.38E-09 | 2.91E-10 |
| 371389.00 | 3761822.00 | 1.38E-07 | 4.01E-09 | 2.66E-10 |
| 371409.00 | 3761822.00 | 1.23E-07 | 3.66E-09 | 2.40E-10 |
| 371429.00 | 3761822.00 | 1.11E-07 | 3.36E-09 | 2.19E-10 |
| 371449.00 | 3761822.00 | 1.03E-07 | 3.13E-09 | 2.05E-10 |
| 370969.00 | 3761842.00 | 3.91E-05 | 2.31E-07 | 1.95E-08 |
| 370989.00 | 3761842.00 | 1.99E-05 | 1.58E-07 | 1.30E-08 |
| 371009.00 | 3761842.00 | 1.10E-05 | 1.12E-07 | 9.09E-09 |
| 371029.00 | 3761842.00 | 6.83E-06 | 8.16E-08 | 6.63E-09 |
| 371049.00 | 3761842.00 | 4.56E-06 | 6.15E-08 | 4.99E-09 |
| 371069.00 | 3761842.00 | 3.22E-06 | 4.75E-08 | 3.85E-09 |
| 371089.00 | 3761842.00 | 2.36E-06 | 3.75E-08 | 3.04E-09 |
| 371109.00 | 3761842.00 | 1.79E-06 | 3.02E-08 | 2.44E-09 |
| 371129.00 | 3761842.00 | 1.40E-06 | 2.47E-08 | 1.99E-09 |
| 371149.00 | 3761842.00 | 1.11E-06 | 2.05E-08 | 1.65E-09 |
| 371169.00 | 3761842.00 | 8.99E-07 | 1.73E-08 | 1.38E-09 |
| 371189.00 | 3761842.00 | 7.39E-07 | 1.46E-08 | 1.17E-09 |
| 371209.00 | 3761842.00 | 6.15E-07 | 1.25E-08 | 9.97E-10 |
| 371229.00 | 3761842.00 | 5.16E-07 | 1.09E-08 | 8.58E-10 |
| 371249.00 | 3761842.00 | 4.40E-07 | 9.50E-09 | 7.46E-10 |
| 371269.00 | 3761842.00 | 3.76E-07 | 8.36E-09 | 6.51E-10 |
| 371289.00 | 3761842.00 | 3.19E-07 | 7.37E-09 | 5.61E-10 |
| 371309.00 | 3761842.00 | 2.75E-07 | 6.55E-09 | 4.91E-10 |
| 371329.00 | 3761842.00 | 2.39E-07 | 5.86E-09 | 4.34E-10 |
| 371349.00 | 3761842.00 | 2.12E-07 | 5.29E-09 | 3.90E-10 |
| 371369.00 | 3761842.00 | 1.92E-07 | 4.82E-09 | 3.56E-10 |
| 371389.00 | 3761842.00 | 1.70E-07 | 4.38E-09 | 3.21E-10 |
| 371409.00 | 3761842.00 | 1.52E-07 | 4.00E-09 | 2.88E-10 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371429.00 | 3761842.00 | 1.33E-04 | 3.53E-06 | 2.54E-07 |
| 371449.00 | 3761842.00 | 1.19E-04 | 3.24E-06 | 2.30E-07 |
| 370869.00 | 3761862.00 | 3.89E-02 | 1.89E-04 | 5.63E-04 |
| 370949.00 | 3761862.00 | 1.04E-01 | 2.27E-04 | 7.05E-05 |
| 370969.00 | 3761862.00 | 6.56E-02 | 1.83E-04 | 3.96E-05 |
| 370989.00 | 3761862.00 | 3.36E-02 | 1.40E-04 | 2.43E-05 |
| 371009.00 | 3761862.00 | 1.84E-02 | 1.07E-04 | 1.59E-05 |
| 371029.00 | 3761862.00 | 1.10E-02 | 8.21E-05 | 1.10E-05 |
| 371049.00 | 3761862.00 | 7.13E-03 | 6.38E-05 | 7.92E-06 |
| 371069.00 | 3761862.00 | 4.88E-03 | 5.03E-05 | 5.88E-06 |
| 371089.00 | 3761862.00 | 3.48E-03 | 4.02E-05 | 4.48E-06 |
| 371109.00 | 3761862.00 | 2.57E-03 | 3.26E-05 | 3.50E-06 |
| 371129.00 | 3761862.00 | 1.96E-03 | 2.68E-05 | 2.79E-06 |
| 371149.00 | 3761862.00 | 1.52E-03 | 2.23E-05 | 2.25E-06 |
| 371169.00 | 3761862.00 | 1.21E-03 | 1.87E-05 | 1.85E-06 |
| 371189.00 | 3761862.00 | 9.79E-04 | 1.59E-05 | 1.53E-06 |
| 371209.00 | 3761862.00 | 8.00E-04 | 1.36E-05 | 1.29E-06 |
| 371229.00 | 3761862.00 | 6.65E-04 | 1.17E-05 | 1.09E-06 |
| 371249.00 | 3761862.00 | 5.60E-04 | 1.03E-05 | 9.37E-07 |
| 371269.00 | 3761862.00 | 4.75E-04 | 9.02E-06 | 8.09E-07 |
| 371289.00 | 3761862.00 | 4.01E-04 | 7.90E-06 | 6.96E-07 |
| 371309.00 | 3761862.00 | 3.40E-04 | 6.99E-06 | 5.99E-07 |
| 371329.00 | 3761862.00 | 2.92E-04 | 6.23E-06 | 5.22E-07 |
| 371349.00 | 3761862.00 | 2.59E-04 | 5.62E-06 | 4.69E-07 |
| 371369.00 | 3761862.00 | 2.29E-04 | 5.08E-06 | 4.19E-07 |
| 371389.00 | 3761862.00 | 2.02E-04 | 4.60E-06 | 3.74E-07 |
| 371409.00 | 3761862.00 | 1.81E-04 | 4.20E-06 | 3.38E-07 |
| 371429.00 | 3761862.00 | 1.58E-04 | 3.81E-06 | 2.99E-07 |
| 371449.00 | 3761862.00 | 1.41E-04 | 3.49E-06 | 2.69E-07 |
| 370869.00 | 3761882.00 | 2.57E-02 | 1.33E-04 | 2.93E-04 |
| 370889.00 | 3761882.00 | 5.05E-02 | 1.46E-04 | 8.07E-04 |
| 370929.00 | 3761882.00 | 1.13E-01 | 1.65E-04 | 2.84E-04 |
| 370949.00 | 3761882.00 | 9.76E-02 | 1.61E-04 | 1.27E-04 |
| 370969.00 | 3761882.00 | 6.36E-02 | 1.44E-04 | 6.77E-05 |
| 370989.00 | 3761882.00 | 3.83E-02 | 1.22E-04 | 4.01E-05 |
| 371009.00 | 3761882.00 | 2.33E-02 | 9.96E-05 | 2.56E-05 |
| 371029.00 | 3761882.00 | 1.48E-02 | 8.07E-05 | 1.72E-05 |
| 371049.00 | 3761882.00 | 9.77E-03 | 6.52E-05 | 1.21E-05 |
| 371069.00 | 3761882.00 | 6.73E-03 | 5.28E-05 | 8.79E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371429.00 | 3761842.00 | 1.39E-07 | 3.69E-09 | 2.66E-10 |
| 371449.00 | 3761842.00 | 1.24E-07 | 3.38E-09 | 2.41E-10 |
| 370869.00 | 3761862.00 | 4.06E-05 | 1.98E-07 | 5.89E-07 |
| 370949.00 | 3761862.00 | 1.09E-04 | 2.37E-07 | 7.37E-08 |
| 370969.00 | 3761862.00 | 6.86E-05 | 1.91E-07 | 4.14E-08 |
| 370989.00 | 3761862.00 | 3.51E-05 | 1.47E-07 | 2.54E-08 |
| 371009.00 | 3761862.00 | 1.92E-05 | 1.12E-07 | 1.67E-08 |
| 371029.00 | 3761862.00 | 1.15E-05 | 8.59E-08 | 1.15E-08 |
| 371049.00 | 3761862.00 | 7.46E-06 | 6.66E-08 | 8.27E-09 |
| 371069.00 | 3761862.00 | 5.10E-06 | 5.26E-08 | 6.14E-09 |
| 371089.00 | 3761862.00 | 3.64E-06 | 4.20E-08 | 4.69E-09 |
| 371109.00 | 3761862.00 | 2.69E-06 | 3.40E-08 | 3.66E-09 |
| 371129.00 | 3761862.00 | 2.05E-06 | 2.80E-08 | 2.91E-09 |
| 371149.00 | 3761862.00 | 1.59E-06 | 2.33E-08 | 2.35E-09 |
| 371169.00 | 3761862.00 | 1.27E-06 | 1.96E-08 | 1.93E-09 |
| 371189.00 | 3761862.00 | 1.02E-06 | 1.66E-08 | 1.60E-09 |
| 371209.00 | 3761862.00 | 8.36E-07 | 1.42E-08 | 1.35E-09 |
| 371229.00 | 3761862.00 | 6.95E-07 | 1.23E-08 | 1.14E-09 |
| 371249.00 | 3761862.00 | 5.85E-07 | 1.07E-08 | 9.79E-10 |
| 371269.00 | 3761862.00 | 4.96E-07 | 9.43E-09 | 8.46E-10 |
| 371289.00 | 3761862.00 | 4.19E-07 | 8.26E-09 | 7.27E-10 |
| 371309.00 | 3761862.00 | 3.56E-07 | 7.31E-09 | 6.26E-10 |
| 371329.00 | 3761862.00 | 3.05E-07 | 6.51E-09 | 5.45E-10 |
| 371349.00 | 3761862.00 | 2.71E-07 | 5.87E-09 | 4.90E-10 |
| 371369.00 | 3761862.00 | 2.40E-07 | 5.31E-09 | 4.38E-10 |
| 371389.00 | 3761862.00 | 2.11E-07 | 4.81E-09 | 3.90E-10 |
| 371409.00 | 3761862.00 | 1.89E-07 | 4.39E-09 | 3.53E-10 |
| 371429.00 | 3761862.00 | 1.65E-07 | 3.99E-09 | 3.12E-10 |
| 371449.00 | 3761862.00 | 1.48E-07 | 3.65E-09 | 2.82E-10 |
| 370869.00 | 3761882.00 | 2.69E-05 | 1.39E-07 | 3.06E-07 |
| 370889.00 | 3761882.00 | 5.28E-05 | 1.52E-07 | 8.44E-07 |
| 370929.00 | 3761882.00 | 1.18E-04 | 1.72E-07 | 2.96E-07 |
| 370949.00 | 3761882.00 | 1.02E-04 | 1.68E-07 | 1.33E-07 |
| 370969.00 | 3761882.00 | 6.65E-05 | 1.51E-07 | 7.07E-08 |
| 370989.00 | 3761882.00 | 4.01E-05 | 1.27E-07 | 4.19E-08 |
| 371009.00 | 3761882.00 | 2.44E-05 | 1.04E-07 | 2.67E-08 |
| 371029.00 | 3761882.00 | 1.54E-05 | 8.43E-08 | 1.80E-08 |
| 371049.00 | 3761882.00 | 1.02E-05 | 6.81E-08 | 1.26E-08 |
| 371069.00 | 3761882.00 | 7.04E-06 | 5.52E-08 | 9.19E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371089.00 | 3761882.00 | 4.81E-03 | 4.31E-05 | 6.58E-06 |
| 371109.00 | 3761882.00 | 3.54E-03 | 3.55E-05 | 5.04E-06 |
| 371129.00 | 3761882.00 | 2.67E-03 | 2.94E-05 | 3.94E-06 |
| 371149.00 | 3761882.00 | 2.06E-03 | 2.46E-05 | 3.14E-06 |
| 371169.00 | 3761882.00 | 1.63E-03 | 2.08E-05 | 2.54E-06 |
| 371189.00 | 3761882.00 | 1.30E-03 | 1.77E-05 | 2.08E-06 |
| 371209.00 | 3761882.00 | 1.05E-03 | 1.52E-05 | 1.71E-06 |
| 371229.00 | 3761882.00 | 8.65E-04 | 1.31E-05 | 1.44E-06 |
| 371249.00 | 3761882.00 | 7.24E-04 | 1.14E-05 | 1.22E-06 |
| 371269.00 | 3761882.00 | 6.10E-04 | 1.00E-05 | 1.05E-06 |
| 371289.00 | 3761882.00 | 5.10E-04 | 8.79E-06 | 8.88E-07 |
| 371309.00 | 3761882.00 | 4.32E-04 | 7.77E-06 | 7.62E-07 |
| 371329.00 | 3761882.00 | 3.72E-04 | 6.92E-06 | 6.63E-07 |
| 371349.00 | 3761882.00 | 3.25E-04 | 6.21E-06 | 5.87E-07 |
| 371369.00 | 3761882.00 | 2.79E-04 | 5.56E-06 | 5.09E-07 |
| 371389.00 | 3761882.00 | 2.51E-04 | 5.06E-06 | 4.62E-07 |
| 371409.00 | 3761882.00 | 2.21E-04 | 4.60E-06 | 4.11E-07 |
| 371429.00 | 3761882.00 | 1.93E-04 | 4.17E-06 | 3.63E-07 |
| 371449.00 | 3761882.00 | 1.68E-04 | 3.78E-06 | 3.17E-07 |
| 370869.00 | 3761902.00 | 1.55E-02 | 1.04E-04 | 1.29E-04 |
| 370889.00 | 3761902.00 | 2.69E-02 | 1.07E-04 | 2.96E-04 |
| 370929.00 | 3761902.00 | 7.69E-02 | 1.18E-04 | 2.86E-04 |
| 370949.00 | 3761902.00 | 6.79E-02 | 1.19E-04 | 1.51E-04 |
| 370969.00 | 3761902.00 | 5.03E-02 | 1.13E-04 | 8.65E-05 |
| 370989.00 | 3761902.00 | 3.51E-02 | 1.02E-04 | 5.32E-05 |
| 371009.00 | 3761902.00 | 2.40E-02 | 8.89E-05 | 3.46E-05 |
| 371029.00 | 3761902.00 | 1.65E-02 | 7.56E-05 | 2.35E-05 |
| 371049.00 | 3761902.00 | 1.15E-02 | 6.35E-05 | 1.66E-05 |
| 371069.00 | 3761902.00 | 8.18E-03 | 5.31E-05 | 1.20E-05 |
| 371089.00 | 3761902.00 | 5.97E-03 | 4.44E-05 | 8.98E-06 |
| 371109.00 | 3761902.00 | 4.45E-03 | 3.73E-05 | 6.84E-06 |
| 371129.00 | 3761902.00 | 3.38E-03 | 3.14E-05 | 5.31E-06 |
| 371149.00 | 3761902.00 | 2.62E-03 | 2.66E-05 | 4.20E-06 |
| 371169.00 | 3761902.00 | 2.06E-03 | 2.26E-05 | 3.37E-06 |
| 371189.00 | 3761902.00 | 1.65E-03 | 1.94E-05 | 2.73E-06 |
| 371209.00 | 3761902.00 | 1.33E-03 | 1.67E-05 | 2.25E-06 |
| 371229.00 | 3761902.00 | 1.09E-03 | 1.44E-05 | 1.86E-06 |
| 371249.00 | 3761902.00 | 9.05E-04 | 1.26E-05 | 1.57E-06 |
| 371269.00 | 3761902.00 | 7.61E-04 | 1.10E-05 | 1.33E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371089.00 | 3761882.00 | 5.02E-06 | 4.51E-08 | 6.87E-09 |
| 371109.00 | 3761882.00 | 3.70E-06 | 3.71E-08 | 5.27E-09 |
| 371129.00 | 3761882.00 | 2.80E-06 | 3.08E-08 | 4.12E-09 |
| 371149.00 | 3761882.00 | 2.16E-06 | 2.57E-08 | 3.28E-09 |
| 371169.00 | 3761882.00 | 1.70E-06 | 2.17E-08 | 2.65E-09 |
| 371189.00 | 3761882.00 | 1.36E-06 | 1.85E-08 | 2.17E-09 |
| 371209.00 | 3761882.00 | 1.10E-06 | 1.58E-08 | 1.79E-09 |
| 371229.00 | 3761882.00 | 9.04E-07 | 1.37E-08 | 1.51E-09 |
| 371249.00 | 3761882.00 | 7.57E-07 | 1.20E-08 | 1.28E-09 |
| 371269.00 | 3761882.00 | 6.37E-07 | 1.05E-08 | 1.09E-09 |
| 371289.00 | 3761882.00 | 5.33E-07 | 9.18E-09 | 9.28E-10 |
| 371309.00 | 3761882.00 | 4.52E-07 | 8.12E-09 | 7.96E-10 |
| 371329.00 | 3761882.00 | 3.89E-07 | 7.23E-09 | 6.93E-10 |
| 371349.00 | 3761882.00 | 3.40E-07 | 6.49E-09 | 6.13E-10 |
| 371369.00 | 3761882.00 | 2.92E-07 | 5.82E-09 | 5.32E-10 |
| 371389.00 | 3761882.00 | 2.62E-07 | 5.29E-09 | 4.83E-10 |
| 371409.00 | 3761882.00 | 2.31E-07 | 4.80E-09 | 4.30E-10 |
| 371429.00 | 3761882.00 | 2.02E-07 | 4.36E-09 | 3.79E-10 |
| 371449.00 | 3761882.00 | 1.75E-07 | 3.95E-09 | 3.32E-10 |
| 370869.00 | 3761902.00 | 1.62E-05 | 1.09E-07 | 1.35E-07 |
| 370889.00 | 3761902.00 | 2.81E-05 | 1.12E-07 | 3.10E-07 |
| 370929.00 | 3761902.00 | 8.04E-05 | 1.23E-07 | 2.98E-07 |
| 370949.00 | 3761902.00 | 7.10E-05 | 1.24E-07 | 1.58E-07 |
| 370969.00 | 3761902.00 | 5.26E-05 | 1.18E-07 | 9.04E-08 |
| 370989.00 | 3761902.00 | 3.67E-05 | 1.07E-07 | 5.56E-08 |
| 371009.00 | 3761902.00 | 2.51E-05 | 9.29E-08 | 3.62E-08 |
| 371029.00 | 3761902.00 | 1.72E-05 | 7.90E-08 | 2.46E-08 |
| 371049.00 | 3761902.00 | 1.20E-05 | 6.63E-08 | 1.73E-08 |
| 371069.00 | 3761902.00 | 8.55E-06 | 5.55E-08 | 1.26E-08 |
| 371089.00 | 3761902.00 | 6.24E-06 | 4.64E-08 | 9.38E-09 |
| 371109.00 | 3761902.00 | 4.65E-06 | 3.90E-08 | 7.15E-09 |
| 371129.00 | 3761902.00 | 3.54E-06 | 3.28E-08 | 5.55E-09 |
| 371149.00 | 3761902.00 | 2.74E-06 | 2.78E-08 | 4.39E-09 |
| 371169.00 | 3761902.00 | 2.16E-06 | 2.36E-08 | 3.52E-09 |
| 371189.00 | 3761902.00 | 1.72E-06 | 2.02E-08 | 2.86E-09 |
| 371209.00 | 3761902.00 | 1.39E-06 | 1.74E-08 | 2.35E-09 |
| 371229.00 | 3761902.00 | 1.14E-06 | 1.51E-08 | 1.94E-09 |
| 371249.00 | 3761902.00 | 9.46E-07 | 1.31E-08 | 1.64E-09 |
| 371269.00 | 3761902.00 | 7.96E-07 | 1.15E-08 | 1.39E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371289.00 | 3761902.00 | 6.41E-04 | 9.72E-06 | 1.14E-06 |
| 371309.00 | 3761902.00 | 5.40E-04 | 8.59E-06 | 9.65E-07 |
| 371329.00 | 3761902.00 | 4.64E-04 | 7.65E-06 | 8.38E-07 |
| 371349.00 | 3761902.00 | 4.00E-04 | 6.84E-06 | 7.28E-07 |
| 371369.00 | 3761902.00 | 3.46E-04 | 6.13E-06 | 6.35E-07 |
| 371389.00 | 3761902.00 | 3.08E-04 | 5.56E-06 | 5.71E-07 |
| 371409.00 | 3761902.00 | 2.62E-04 | 4.99E-06 | 4.89E-07 |
| 371429.00 | 3761902.00 | 2.31E-04 | 4.53E-06 | 4.33E-07 |
| 371449.00 | 3761902.00 | 2.01E-04 | 4.11E-06 | 3.80E-07 |
| 370869.00 | 3761922.00 | 9.53E-03 | 8.61E-05 | 6.34E-05 |
| 370889.00 | 3761922.00 | 1.47E-02 | 8.64E-05 | 1.16E-04 |
| 370909.00 | 3761922.00 | 2.47E-02 | 8.80E-05 | 1.83E-04 |
| 370929.00 | 3761922.00 | 3.74E-02 | 9.06E-05 | 1.73E-04 |
| 370949.00 | 3761922.00 | 4.03E-02 | 9.15E-05 | 1.25E-04 |
| 370969.00 | 3761922.00 | 3.54E-02 | 8.94E-05 | 8.51E-05 |
| 370989.00 | 3761922.00 | 2.84E-02 | 8.49E-05 | 5.77E-05 |
| 371009.00 | 3761922.00 | 2.16E-02 | 7.75E-05 | 3.98E-05 |
| 371029.00 | 3761922.00 | 1.61E-02 | 6.90E-05 | 2.81E-05 |
| 371049.00 | 3761922.00 | 1.20E-02 | 6.01E-05 | 2.03E-05 |
| 371069.00 | 3761922.00 | 8.93E-03 | 5.16E-05 | 1.50E-05 |
| 371089.00 | 3761922.00 | 6.74E-03 | 4.43E-05 | 1.13E-05 |
| 371109.00 | 3761922.00 | 5.14E-03 | 3.79E-05 | 8.67E-06 |
| 371129.00 | 3761922.00 | 3.98E-03 | 3.25E-05 | 6.76E-06 |
| 371149.00 | 3761922.00 | 3.12E-03 | 2.79E-05 | 5.35E-06 |
| 371169.00 | 3761922.00 | 2.48E-03 | 2.40E-05 | 4.28E-06 |
| 371189.00 | 3761922.00 | 1.99E-03 | 2.07E-05 | 3.48E-06 |
| 371209.00 | 3761922.00 | 1.62E-03 | 1.80E-05 | 2.85E-06 |
| 371229.00 | 3761922.00 | 1.33E-03 | 1.56E-05 | 2.35E-06 |
| 371249.00 | 3761922.00 | 1.09E-03 | 1.37E-05 | 1.94E-06 |
| 371269.00 | 3761922.00 | 9.18E-04 | 1.20E-05 | 1.66E-06 |
| 371289.00 | 3761922.00 | 7.75E-04 | 1.06E-05 | 1.41E-06 |
| 371309.00 | 3761922.00 | 6.57E-04 | 9.40E-06 | 1.20E-06 |
| 371329.00 | 3761922.00 | 5.61E-04 | 8.37E-06 | 1.03E-06 |
| 371349.00 | 3761922.00 | 4.82E-04 | 7.48E-06 | 8.95E-07 |
| 371369.00 | 3761922.00 | 4.22E-04 | 6.73E-06 | 7.89E-07 |
| 371389.00 | 3761922.00 | 3.68E-04 | 6.07E-06 | 6.92E-07 |
| 371409.00 | 3761922.00 | 3.14E-04 | 5.45E-06 | 5.92E-07 |
| 371429.00 | 3761922.00 | 2.72E-04 | 4.92E-06 | 5.16E-07 |
| 371449.00 | 3761922.00 | 2.41E-04 | 4.48E-06 | 4.59E-07 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371289.00 | 3761902.00 | 6.70E-07 | 1.02E-08 | 1.19E-09 |
| 371309.00 | 3761902.00 | 5.64E-07 | 8.98E-09 | 1.01E-09 |
| 371329.00 | 3761902.00 | 4.85E-07 | 7.99E-09 | 8.76E-10 |
| 371349.00 | 3761902.00 | 4.18E-07 | 7.14E-09 | 7.61E-10 |
| 371369.00 | 3761902.00 | 3.62E-07 | 6.41E-09 | 6.64E-10 |
| 371389.00 | 3761902.00 | 3.22E-07 | 5.81E-09 | 5.97E-10 |
| 371409.00 | 3761902.00 | 2.74E-07 | 5.22E-09 | 5.11E-10 |
| 371429.00 | 3761902.00 | 2.41E-07 | 4.74E-09 | 4.52E-10 |
| 371449.00 | 3761902.00 | 2.10E-07 | 4.29E-09 | 3.97E-10 |
| 370869.00 | 3761922.00 | 9.96E-06 | 9.00E-08 | 6.63E-08 |
| 370889.00 | 3761922.00 | 1.54E-05 | 9.03E-08 | 1.22E-07 |
| 370909.00 | 3761922.00 | 2.58E-05 | 9.20E-08 | 1.91E-07 |
| 370929.00 | 3761922.00 | 3.91E-05 | 9.47E-08 | 1.81E-07 |
| 370949.00 | 3761922.00 | 4.21E-05 | 9.56E-08 | 1.31E-07 |
| 370969.00 | 3761922.00 | 3.70E-05 | 9.34E-08 | 8.90E-08 |
| 370989.00 | 3761922.00 | 2.96E-05 | 8.88E-08 | 6.03E-08 |
| 371009.00 | 3761922.00 | 2.26E-05 | 8.10E-08 | 4.16E-08 |
| 371029.00 | 3761922.00 | 1.69E-05 | 7.21E-08 | 2.94E-08 |
| 371049.00 | 3761922.00 | 1.25E-05 | 6.28E-08 | 2.12E-08 |
| 371069.00 | 3761922.00 | 9.34E-06 | 5.40E-08 | 1.57E-08 |
| 371089.00 | 3761922.00 | 7.04E-06 | 4.63E-08 | 1.18E-08 |
| 371109.00 | 3761922.00 | 5.38E-06 | 3.96E-08 | 9.07E-09 |
| 371129.00 | 3761922.00 | 4.16E-06 | 3.39E-08 | 7.07E-09 |
| 371149.00 | 3761922.00 | 3.26E-06 | 2.91E-08 | 5.59E-09 |
| 371169.00 | 3761922.00 | 2.59E-06 | 2.51E-08 | 4.48E-09 |
| 371189.00 | 3761922.00 | 2.08E-06 | 2.17E-08 | 3.63E-09 |
| 371209.00 | 3761922.00 | 1.69E-06 | 1.88E-08 | 2.98E-09 |
| 371229.00 | 3761922.00 | 1.39E-06 | 1.64E-08 | 2.46E-09 |
| 371249.00 | 3761922.00 | 1.14E-06 | 1.43E-08 | 2.03E-09 |
| 371269.00 | 3761922.00 | 9.60E-07 | 1.26E-08 | 1.73E-09 |
| 371289.00 | 3761922.00 | 8.10E-07 | 1.11E-08 | 1.47E-09 |
| 371309.00 | 3761922.00 | 6.87E-07 | 9.83E-09 | 1.26E-09 |
| 371329.00 | 3761922.00 | 5.87E-07 | 8.75E-09 | 1.08E-09 |
| 371349.00 | 3761922.00 | 5.04E-07 | 7.82E-09 | 9.35E-10 |
| 371369.00 | 3761922.00 | 4.41E-07 | 7.03E-09 | 8.25E-10 |
| 371389.00 | 3761922.00 | 3.85E-07 | 6.34E-09 | 7.23E-10 |
| 371409.00 | 3761922.00 | 3.28E-07 | 5.70E-09 | 6.19E-10 |
| 371429.00 | 3761922.00 | 2.85E-07 | 5.14E-09 | 5.39E-10 |
| 371449.00 | 3761922.00 | 2.52E-07 | 4.68E-09 | 4.80E-10 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370869.00 | 3761942.00 | 6.24E-03 | 7.38E-05 | 3.60E-05 |
| 370889.00 | 3761942.00 | 8.93E-03 | 7.27E-05 | 5.78E-05 |
| 370909.00 | 3761942.00 | 1.36E-02 | 7.26E-05 | 8.58E-05 |
| 370929.00 | 3761942.00 | 1.96E-02 | 7.32E-05 | 9.76E-05 |
| 370949.00 | 3761942.00 | 2.35E-02 | 7.39E-05 | 8.82E-05 |
| 370969.00 | 3761942.00 | 2.36E-02 | 7.32E-05 | 7.06E-05 |
| 370989.00 | 3761942.00 | 2.13E-02 | 7.09E-05 | 5.37E-05 |
| 371009.00 | 3761942.00 | 1.79E-02 | 6.68E-05 | 4.02E-05 |
| 371029.00 | 3761942.00 | 1.45E-02 | 6.14E-05 | 3.00E-05 |
| 371049.00 | 3761942.00 | 1.14E-02 | 5.53E-05 | 2.26E-05 |
| 371069.00 | 3761942.00 | 8.98E-03 | 4.90E-05 | 1.72E-05 |
| 371089.00 | 3761942.00 | 7.04E-03 | 4.30E-05 | 1.32E-05 |
| 371109.00 | 3761942.00 | 5.55E-03 | 3.75E-05 | 1.03E-05 |
| 371129.00 | 3761942.00 | 4.39E-03 | 3.28E-05 | 8.11E-06 |
| 371149.00 | 3761942.00 | 3.51E-03 | 2.85E-05 | 6.47E-06 |
| 371169.00 | 3761942.00 | 2.83E-03 | 2.49E-05 | 5.21E-06 |
| 371189.00 | 3761942.00 | 2.30E-03 | 2.18E-05 | 4.24E-06 |
| 371209.00 | 3761942.00 | 1.88E-03 | 1.90E-05 | 3.48E-06 |
| 371229.00 | 3761942.00 | 1.54E-03 | 1.67E-05 | 2.85E-06 |
| 371249.00 | 3761942.00 | 1.28E-03 | 1.47E-05 | 2.38E-06 |
| 371269.00 | 3761942.00 | 1.07E-03 | 1.29E-05 | 2.00E-06 |
| 371289.00 | 3761942.00 | 9.12E-04 | 1.15E-05 | 1.71E-06 |
| 371309.00 | 3761942.00 | 7.77E-04 | 1.02E-05 | 1.47E-06 |
| 371329.00 | 3761942.00 | 6.56E-04 | 9.05E-06 | 1.24E-06 |
| 371349.00 | 3761942.00 | 5.77E-04 | 8.14E-06 | 1.10E-06 |
| 371369.00 | 3761942.00 | 4.88E-04 | 7.27E-06 | 9.28E-07 |
| 371389.00 | 3761942.00 | 4.30E-04 | 6.58E-06 | 8.25E-07 |
| 371409.00 | 3761942.00 | 3.69E-04 | 5.91E-06 | 7.09E-07 |
| 371429.00 | 3761942.00 | 3.22E-04 | 5.35E-06 | 6.19E-07 |
| 371449.00 | 3761942.00 | 2.89E-04 | 4.90E-06 | 5.59E-07 |
| 370869.00 | 3761962.00 | 4.33E-03 | 6.51E-05 | 2.26E-05 |
| 370889.00 | 3761962.00 | 5.89E-03 | 6.31E-05 | 3.33E-05 |
| 370909.00 | 3761962.00 | 8.36E-03 | 6.22E-05 | 4.72E-05 |
| 370929.00 | 3761962.00 | 1.16E-02 | 6.18E-05 | 5.74E-05 |
| 370949.00 | 3761962.00 | 1.44E-02 | 6.17E-05 | 5.90E-05 |
| 370969.00 | 3761962.00 | 1.57E-02 | 6.13E-05 | 5.36E-05 |
| 370989.00 | 3761962.00 | 1.54E-02 | 6.00E-05 | 4.53E-05 |
| 371009.00 | 3761962.00 | 1.40E-02 | 5.76E-05 | 3.68E-05 |
| 371029.00 | 3761962.00 | 1.22E-02 | 5.42E-05 | 2.92E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370869.00 | 3761942.00 | 6.52E-06 | 7.72E-08 | 3.76E-08 |
| 370889.00 | 3761942.00 | 9.34E-06 | 7.60E-08 | 6.05E-08 |
| 370909.00 | 3761942.00 | 1.42E-05 | 7.58E-08 | 8.96E-08 |
| 370929.00 | 3761942.00 | 2.05E-05 | 7.65E-08 | 1.02E-07 |
| 370949.00 | 3761942.00 | 2.46E-05 | 7.72E-08 | 9.22E-08 |
| 370969.00 | 3761942.00 | 2.47E-05 | 7.65E-08 | 7.38E-08 |
| 370989.00 | 3761942.00 | 2.22E-05 | 7.41E-08 | 5.62E-08 |
| 371009.00 | 3761942.00 | 1.87E-05 | 6.98E-08 | 4.20E-08 |
| 371029.00 | 3761942.00 | 1.51E-05 | 6.42E-08 | 3.14E-08 |
| 371049.00 | 3761942.00 | 1.20E-05 | 5.78E-08 | 2.36E-08 |
| 371069.00 | 3761942.00 | 9.38E-06 | 5.12E-08 | 1.79E-08 |
| 371089.00 | 3761942.00 | 7.36E-06 | 4.50E-08 | 1.38E-08 |
| 371109.00 | 3761942.00 | 5.80E-06 | 3.92E-08 | 1.08E-08 |
| 371129.00 | 3761942.00 | 4.59E-06 | 3.43E-08 | 8.48E-09 |
| 371149.00 | 3761942.00 | 3.67E-06 | 2.98E-08 | 6.76E-09 |
| 371169.00 | 3761942.00 | 2.95E-06 | 2.61E-08 | 5.45E-09 |
| 371189.00 | 3761942.00 | 2.40E-06 | 2.27E-08 | 4.43E-09 |
| 371209.00 | 3761942.00 | 1.96E-06 | 1.99E-08 | 3.64E-09 |
| 371229.00 | 3761942.00 | 1.61E-06 | 1.74E-08 | 2.98E-09 |
| 371249.00 | 3761942.00 | 1.34E-06 | 1.53E-08 | 2.49E-09 |
| 371269.00 | 3761942.00 | 1.12E-06 | 1.35E-08 | 2.09E-09 |
| 371289.00 | 3761942.00 | 9.53E-07 | 1.20E-08 | 1.79E-09 |
| 371309.00 | 3761942.00 | 8.12E-07 | 1.06E-08 | 1.53E-09 |
| 371329.00 | 3761942.00 | 6.85E-07 | 9.46E-09 | 1.29E-09 |
| 371349.00 | 3761942.00 | 6.03E-07 | 8.51E-09 | 1.15E-09 |
| 371369.00 | 3761942.00 | 5.10E-07 | 7.60E-09 | 9.70E-10 |
| 371389.00 | 3761942.00 | 4.50E-07 | 6.87E-09 | 8.62E-10 |
| 371409.00 | 3761942.00 | 3.86E-07 | 6.18E-09 | 7.41E-10 |
| 371429.00 | 3761942.00 | 3.36E-07 | 5.59E-09 | 6.47E-10 |
| 371449.00 | 3761942.00 | 3.02E-07 | 5.12E-09 | 5.85E-10 |
| 370869.00 | 3761962.00 | 4.53E-06 | 6.80E-08 | 2.36E-08 |
| 370889.00 | 3761962.00 | 6.16E-06 | 6.60E-08 | 3.48E-08 |
| 370909.00 | 3761962.00 | 8.73E-06 | 6.50E-08 | 4.93E-08 |
| 370929.00 | 3761962.00 | 1.21E-05 | 6.45E-08 | 6.00E-08 |
| 370949.00 | 3761962.00 | 1.50E-05 | 6.45E-08 | 6.17E-08 |
| 370969.00 | 3761962.00 | 1.64E-05 | 6.41E-08 | 5.61E-08 |
| 370989.00 | 3761962.00 | 1.61E-05 | 6.27E-08 | 4.73E-08 |
| 371009.00 | 3761962.00 | 1.47E-05 | 6.02E-08 | 3.85E-08 |
| 371029.00 | 3761962.00 | 1.28E-05 | 5.67E-08 | 3.06E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371049.00 | 3761962.00 | 1.03E-02 | 5.01E-05 | 2.31E-05 |
| 371069.00 | 3761962.00 | 8.47E-03 | 4.56E-05 | 1.82E-05 |
| 371089.00 | 3761962.00 | 6.92E-03 | 4.10E-05 | 1.44E-05 |
| 371109.00 | 3761962.00 | 5.64E-03 | 3.65E-05 | 1.15E-05 |
| 371129.00 | 3761962.00 | 4.59E-03 | 3.24E-05 | 9.20E-06 |
| 371149.00 | 3761962.00 | 3.75E-03 | 2.87E-05 | 7.43E-06 |
| 371169.00 | 3761962.00 | 3.07E-03 | 2.53E-05 | 6.05E-06 |
| 371189.00 | 3761962.00 | 2.53E-03 | 2.24E-05 | 4.97E-06 |
| 371209.00 | 3761962.00 | 2.10E-03 | 1.98E-05 | 4.10E-06 |
| 371229.00 | 3761962.00 | 1.74E-03 | 1.75E-05 | 3.40E-06 |
| 371249.00 | 3761962.00 | 1.46E-03 | 1.55E-05 | 2.85E-06 |
| 371269.00 | 3761962.00 | 1.23E-03 | 1.37E-05 | 2.40E-06 |
| 371289.00 | 3761962.00 | 1.05E-03 | 1.22E-05 | 2.05E-06 |
| 371309.00 | 3761962.00 | 8.87E-04 | 1.09E-05 | 1.73E-06 |
| 371329.00 | 3761962.00 | 7.68E-04 | 9.75E-06 | 1.50E-06 |
| 371349.00 | 3761962.00 | 6.67E-04 | 8.76E-06 | 1.31E-06 |
| 371369.00 | 3761962.00 | 5.72E-04 | 7.86E-06 | 1.12E-06 |
| 371389.00 | 3761962.00 | 4.89E-04 | 7.06E-06 | 9.57E-07 |
| 371409.00 | 3761962.00 | 4.27E-04 | 6.38E-06 | 8.37E-07 |
| 371429.00 | 3761962.00 | 3.74E-04 | 5.79E-06 | 7.36E-07 |
| 371449.00 | 3761962.00 | 3.30E-04 | 5.26E-06 | 6.51E-07 |
| 370869.00 | 3761982.00 | 3.16E-03 | 5.84E-05 | 1.52E-05 |
| 370889.00 | 3761982.00 | 4.13E-03 | 5.60E-05 | 2.12E-05 |
| 370909.00 | 3761982.00 | 5.58E-03 | 5.46E-05 | 2.88E-05 |
| 370929.00 | 3761982.00 | 7.44E-03 | 5.38E-05 | 3.59E-05 |
| 370949.00 | 3761982.00 | 9.31E-03 | 5.31E-05 | 3.96E-05 |
| 370969.00 | 3761982.00 | 1.06E-02 | 5.26E-05 | 3.93E-05 |
| 370989.00 | 3761982.00 | 1.11E-02 | 5.16E-05 | 3.60E-05 |
| 371009.00 | 3761982.00 | 1.08E-02 | 5.01E-05 | 3.15E-05 |
| 371029.00 | 3761982.00 | 9.93E-03 | 4.79E-05 | 2.66E-05 |
| 371049.00 | 3761982.00 | 8.82E-03 | 4.51E-05 | 2.21E-05 |
| 371069.00 | 3761982.00 | 7.63E-03 | 4.19E-05 | 1.81E-05 |
| 371089.00 | 3761982.00 | 6.49E-03 | 3.84E-05 | 1.48E-05 |
| 371109.00 | 3761982.00 | 5.47E-03 | 3.49E-05 | 1.21E-05 |
| 371129.00 | 3761982.00 | 4.58E-03 | 3.14E-05 | 9.93E-06 |
| 371149.00 | 3761982.00 | 3.83E-03 | 2.83E-05 | 8.16E-06 |
| 371169.00 | 3761982.00 | 3.21E-03 | 2.53E-05 | 6.74E-06 |
| 371189.00 | 3761982.00 | 2.69E-03 | 2.26E-05 | 5.60E-06 |
| 371209.00 | 3761982.00 | 2.26E-03 | 2.02E-05 | 4.67E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371049.00 | 3761962.00 | 1.07E-05 | 5.23E-08 | 2.41E-08 |
| 371069.00 | 3761962.00 | 8.85E-06 | 4.76E-08 | 1.90E-08 |
| 371089.00 | 3761962.00 | 7.24E-06 | 4.28E-08 | 1.51E-08 |
| 371109.00 | 3761962.00 | 5.89E-06 | 3.82E-08 | 1.20E-08 |
| 371129.00 | 3761962.00 | 4.80E-06 | 3.38E-08 | 9.62E-09 |
| 371149.00 | 3761962.00 | 3.92E-06 | 3.00E-08 | 7.77E-09 |
| 371169.00 | 3761962.00 | 3.21E-06 | 2.65E-08 | 6.33E-09 |
| 371189.00 | 3761962.00 | 2.65E-06 | 2.34E-08 | 5.19E-09 |
| 371209.00 | 3761962.00 | 2.19E-06 | 2.07E-08 | 4.28E-09 |
| 371229.00 | 3761962.00 | 1.82E-06 | 1.83E-08 | 3.55E-09 |
| 371249.00 | 3761962.00 | 1.53E-06 | 1.62E-08 | 2.97E-09 |
| 371269.00 | 3761962.00 | 1.29E-06 | 1.44E-08 | 2.51E-09 |
| 371289.00 | 3761962.00 | 1.10E-06 | 1.28E-08 | 2.14E-09 |
| 371309.00 | 3761962.00 | 9.27E-07 | 1.14E-08 | 1.81E-09 |
| 371329.00 | 3761962.00 | 8.02E-07 | 1.02E-08 | 1.57E-09 |
| 371349.00 | 3761962.00 | 6.97E-07 | 9.15E-09 | 1.37E-09 |
| 371369.00 | 3761962.00 | 5.98E-07 | 8.22E-09 | 1.17E-09 |
| 371389.00 | 3761962.00 | 5.11E-07 | 7.37E-09 | 1.00E-09 |
| 371409.00 | 3761962.00 | 4.46E-07 | 6.67E-09 | 8.75E-10 |
| 371429.00 | 3761962.00 | 3.91E-07 | 6.05E-09 | 7.69E-10 |
| 371449.00 | 3761962.00 | 3.45E-07 | 5.50E-09 | 6.80E-10 |
| 370869.00 | 3761982.00 | 3.30E-06 | 6.10E-08 | 1.59E-08 |
| 370889.00 | 3761982.00 | 4.32E-06 | 5.85E-08 | 2.21E-08 |
| 370909.00 | 3761982.00 | 5.83E-06 | 5.70E-08 | 3.01E-08 |
| 370929.00 | 3761982.00 | 7.78E-06 | 5.62E-08 | 3.75E-08 |
| 370949.00 | 3761982.00 | 9.73E-06 | 5.55E-08 | 4.14E-08 |
| 370969.00 | 3761982.00 | 1.11E-05 | 5.50E-08 | 4.10E-08 |
| 370989.00 | 3761982.00 | 1.16E-05 | 5.40E-08 | 3.77E-08 |
| 371009.00 | 3761982.00 | 1.12E-05 | 5.24E-08 | 3.29E-08 |
| 371029.00 | 3761982.00 | 1.04E-05 | 5.01E-08 | 2.78E-08 |
| 371049.00 | 3761982.00 | 9.22E-06 | 4.72E-08 | 2.31E-08 |
| 371069.00 | 3761982.00 | 7.98E-06 | 4.38E-08 | 1.89E-08 |
| 371089.00 | 3761982.00 | 6.79E-06 | 4.02E-08 | 1.55E-08 |
| 371109.00 | 3761982.00 | 5.72E-06 | 3.65E-08 | 1.27E-08 |
| 371129.00 | 3761982.00 | 4.79E-06 | 3.28E-08 | 1.04E-08 |
| 371149.00 | 3761982.00 | 4.01E-06 | 2.96E-08 | 8.53E-09 |
| 371169.00 | 3761982.00 | 3.35E-06 | 2.65E-08 | 7.05E-09 |
| 371189.00 | 3761982.00 | 2.81E-06 | 2.37E-08 | 5.85E-09 |
| 371209.00 | 3761982.00 | 2.36E-06 | 2.11E-08 | 4.88E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371229.00 | 3761982.00 | 1.90E-03 | 1.80E-05 | 3.91E-06 |
| 371249.00 | 3761982.00 | 1.61E-03 | 1.61E-05 | 3.29E-06 |
| 371269.00 | 3761982.00 | 1.37E-03 | 1.44E-05 | 2.80E-06 |
| 371289.00 | 3761982.00 | 1.17E-03 | 1.29E-05 | 2.37E-06 |
| 371309.00 | 3761982.00 | 1.00E-03 | 1.15E-05 | 2.03E-06 |
| 371329.00 | 3761982.00 | 8.70E-04 | 1.04E-05 | 1.76E-06 |
| 371349.00 | 3761982.00 | 7.44E-04 | 9.31E-06 | 1.50E-06 |
| 371369.00 | 3761982.00 | 6.48E-04 | 8.40E-06 | 1.31E-06 |
| 371389.00 | 3761982.00 | 5.58E-04 | 7.56E-06 | 1.12E-06 |
| 371409.00 | 3761982.00 | 4.87E-04 | 6.84E-06 | 9.80E-07 |
| 371429.00 | 3761982.00 | 4.36E-04 | 6.25E-06 | 8.81E-07 |
| 371449.00 | 3761982.00 | 3.82E-04 | 5.68E-06 | 7.72E-07 |
| 370869.00 | 3762002.00 | 2.39E-03 | 5.30E-05 | 1.08E-05 |
| 370889.00 | 3762002.00 | 3.03E-03 | 5.05E-05 | 1.44E-05 |
| 370909.00 | 3762002.00 | 3.94E-03 | 4.88E-05 | 1.90E-05 |
| 370929.00 | 3762002.00 | 5.10E-03 | 4.77E-05 | 2.37E-05 |
| 370949.00 | 3762002.00 | 6.35E-03 | 4.68E-05 | 2.71E-05 |
| 370969.00 | 3762002.00 | 7.40E-03 | 4.60E-05 | 2.85E-05 |
| 370989.00 | 3762002.00 | 8.03E-03 | 4.52E-05 | 2.79E-05 |
| 371009.00 | 3762002.00 | 8.17E-03 | 4.41E-05 | 2.59E-05 |
| 371029.00 | 3762002.00 | 7.91E-03 | 4.26E-05 | 2.31E-05 |
| 371049.00 | 3762002.00 | 7.36E-03 | 4.06E-05 | 2.01E-05 |
| 371069.00 | 3762002.00 | 6.65E-03 | 3.83E-05 | 1.72E-05 |
| 371089.00 | 3762002.00 | 5.87E-03 | 3.57E-05 | 1.45E-05 |
| 371109.00 | 3762002.00 | 5.11E-03 | 3.29E-05 | 1.22E-05 |
| 371129.00 | 3762002.00 | 4.41E-03 | 3.01E-05 | 1.02E-05 |
| 371149.00 | 3762002.00 | 3.78E-03 | 2.75E-05 | 8.60E-06 |
| 371169.00 | 3762002.00 | 3.23E-03 | 2.50E-05 | 7.22E-06 |
| 371189.00 | 3762002.00 | 2.76E-03 | 2.25E-05 | 6.08E-06 |
| 371209.00 | 3762002.00 | 2.36E-03 | 2.04E-05 | 5.13E-06 |
| 371229.00 | 3762002.00 | 2.01E-03 | 1.83E-05 | 4.35E-06 |
| 371249.00 | 3762002.00 | 1.72E-03 | 1.65E-05 | 3.70E-06 |
| 371269.00 | 3762002.00 | 1.48E-03 | 1.49E-05 | 3.16E-06 |
| 371289.00 | 3762002.00 | 1.27E-03 | 1.34E-05 | 2.68E-06 |
| 371309.00 | 3762002.00 | 1.10E-03 | 1.21E-05 | 2.33E-06 |
| 371329.00 | 3762002.00 | 9.46E-04 | 1.09E-05 | 1.98E-06 |
| 371349.00 | 3762002.00 | 8.20E-04 | 9.81E-06 | 1.71E-06 |
| 371369.00 | 3762002.00 | 7.15E-04 | 8.87E-06 | 1.49E-06 |
| 371389.00 | 3762002.00 | 6.23E-04 | 8.03E-06 | 1.29E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371229.00 | 3761982.00 | 1.99E-06 | 1.89E-08 | 4.09E-09 |
| 371249.00 | 3761982.00 | 1.68E-06 | 1.68E-08 | 3.44E-09 |
| 371269.00 | 3761982.00 | 1.43E-06 | 1.50E-08 | 2.93E-09 |
| 371289.00 | 3761982.00 | 1.22E-06 | 1.34E-08 | 2.48E-09 |
| 371309.00 | 3761982.00 | 1.05E-06 | 1.20E-08 | 2.12E-09 |
| 371329.00 | 3761982.00 | 9.09E-07 | 1.08E-08 | 1.84E-09 |
| 371349.00 | 3761982.00 | 7.78E-07 | 9.73E-09 | 1.57E-09 |
| 371369.00 | 3761982.00 | 6.77E-07 | 8.78E-09 | 1.37E-09 |
| 371389.00 | 3761982.00 | 5.83E-07 | 7.90E-09 | 1.17E-09 |
| 371409.00 | 3761982.00 | 5.09E-07 | 7.15E-09 | 1.02E-09 |
| 371429.00 | 3761982.00 | 4.56E-07 | 6.53E-09 | 9.21E-10 |
| 371449.00 | 3761982.00 | 4.00E-07 | 5.94E-09 | 8.07E-10 |
| 370869.00 | 3762002.00 | 2.50E-06 | 5.54E-08 | 1.13E-08 |
| 370889.00 | 3762002.00 | 3.17E-06 | 5.28E-08 | 1.51E-08 |
| 370909.00 | 3762002.00 | 4.12E-06 | 5.10E-08 | 1.99E-08 |
| 370929.00 | 3762002.00 | 5.34E-06 | 4.98E-08 | 2.47E-08 |
| 370949.00 | 3762002.00 | 6.64E-06 | 4.89E-08 | 2.83E-08 |
| 370969.00 | 3762002.00 | 7.73E-06 | 4.81E-08 | 2.98E-08 |
| 370989.00 | 3762002.00 | 8.40E-06 | 4.73E-08 | 2.91E-08 |
| 371009.00 | 3762002.00 | 8.53E-06 | 4.61E-08 | 2.70E-08 |
| 371029.00 | 3762002.00 | 8.27E-06 | 4.45E-08 | 2.41E-08 |
| 371049.00 | 3762002.00 | 7.69E-06 | 4.25E-08 | 2.10E-08 |
| 371069.00 | 3762002.00 | 6.95E-06 | 4.00E-08 | 1.79E-08 |
| 371089.00 | 3762002.00 | 6.14E-06 | 3.73E-08 | 1.52E-08 |
| 371109.00 | 3762002.00 | 5.34E-06 | 3.44E-08 | 1.28E-08 |
| 371129.00 | 3762002.00 | 4.61E-06 | 3.15E-08 | 1.07E-08 |
| 371149.00 | 3762002.00 | 3.95E-06 | 2.87E-08 | 8.99E-09 |
| 371169.00 | 3762002.00 | 3.38E-06 | 2.61E-08 | 7.54E-09 |
| 371189.00 | 3762002.00 | 2.88E-06 | 2.36E-08 | 6.35E-09 |
| 371209.00 | 3762002.00 | 2.46E-06 | 2.13E-08 | 5.36E-09 |
| 371229.00 | 3762002.00 | 2.11E-06 | 1.91E-08 | 4.55E-09 |
| 371249.00 | 3762002.00 | 1.80E-06 | 1.72E-08 | 3.86E-09 |
| 371269.00 | 3762002.00 | 1.55E-06 | 1.55E-08 | 3.30E-09 |
| 371289.00 | 3762002.00 | 1.33E-06 | 1.40E-08 | 2.80E-09 |
| 371309.00 | 3762002.00 | 1.15E-06 | 1.26E-08 | 2.44E-09 |
| 371329.00 | 3762002.00 | 9.89E-07 | 1.14E-08 | 2.07E-09 |
| 371349.00 | 3762002.00 | 8.57E-07 | 1.02E-08 | 1.79E-09 |
| 371369.00 | 3762002.00 | 7.47E-07 | 9.27E-09 | 1.55E-09 |
| 371389.00 | 3762002.00 | 6.52E-07 | 8.39E-09 | 1.35E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371409.00 | 3762002.00 | 5.49E-04 | 7.29E-06 | 1.14E-06 |
| 371429.00 | 3762002.00 | 4.86E-04 | 6.65E-06 | 1.01E-06 |
| 371449.00 | 3762002.00 | 4.34E-04 | 6.08E-06 | 8.99E-07 |
| 370869.00 | 3762022.00 | 1.86E-03 | 4.85E-05 | 8.01E-06 |
| 370889.00 | 3762022.00 | 2.28E-03 | 4.61E-05 | 1.03E-05 |
| 370909.00 | 3762022.00 | 2.91E-03 | 4.43E-05 | 1.32E-05 |
| 370929.00 | 3762022.00 | 3.67E-03 | 4.29E-05 | 1.64E-05 |
| 370949.00 | 3762022.00 | 4.52E-03 | 4.20E-05 | 1.91E-05 |
| 370969.00 | 3762022.00 | 5.32E-03 | 4.11E-05 | 2.08E-05 |
| 370989.00 | 3762022.00 | 5.90E-03 | 4.02E-05 | 2.13E-05 |
| 371009.00 | 3762022.00 | 6.23E-03 | 3.93E-05 | 2.08E-05 |
| 371029.00 | 3762022.00 | 6.25E-03 | 3.81E-05 | 1.94E-05 |
| 371049.00 | 3762022.00 | 6.04E-03 | 3.67E-05 | 1.76E-05 |
| 371069.00 | 3762022.00 | 5.66E-03 | 3.50E-05 | 1.57E-05 |
| 371089.00 | 3762022.00 | 5.18E-03 | 3.30E-05 | 1.37E-05 |
| 371109.00 | 3762022.00 | 4.65E-03 | 3.09E-05 | 1.18E-05 |
| 371129.00 | 3762022.00 | 4.12E-03 | 2.86E-05 | 1.02E-05 |
| 371149.00 | 3762022.00 | 3.62E-03 | 2.64E-05 | 8.73E-06 |
| 371169.00 | 3762022.00 | 3.16E-03 | 2.43E-05 | 7.47E-06 |
| 371189.00 | 3762022.00 | 2.75E-03 | 2.22E-05 | 6.39E-06 |
| 371209.00 | 3762022.00 | 2.39E-03 | 2.02E-05 | 5.47E-06 |
| 371229.00 | 3762022.00 | 2.07E-03 | 1.84E-05 | 4.68E-06 |
| 371249.00 | 3762022.00 | 1.79E-03 | 1.67E-05 | 4.02E-06 |
| 371269.00 | 3762022.00 | 1.56E-03 | 1.52E-05 | 3.46E-06 |
| 371289.00 | 3762022.00 | 1.36E-03 | 1.37E-05 | 2.99E-06 |
| 371309.00 | 3762022.00 | 1.18E-03 | 1.25E-05 | 2.59E-06 |
| 371329.00 | 3762022.00 | 1.03E-03 | 1.13E-05 | 2.24E-06 |
| 371349.00 | 3762022.00 | 8.93E-04 | 1.02E-05 | 1.93E-06 |
| 371369.00 | 3762022.00 | 7.82E-04 | 9.30E-06 | 1.68E-06 |
| 371389.00 | 3762022.00 | 6.91E-04 | 8.47E-06 | 1.48E-06 |
| 371409.00 | 3762022.00 | 6.13E-04 | 7.73E-06 | 1.31E-06 |
| 371429.00 | 3762022.00 | 5.41E-04 | 7.05E-06 | 1.16E-06 |
| 371449.00 | 3762022.00 | 4.79E-04 | 6.44E-06 | 1.02E-06 |
| 370869.00 | 3762042.00 | 1.48E-03 | 4.47E-05 | 6.12E-06 |
| 370889.00 | 3762042.00 | 1.80E-03 | 4.24E-05 | 7.68E-06 |
| 370909.00 | 3762042.00 | 2.21E-03 | 4.06E-05 | 9.62E-06 |
| 370929.00 | 3762042.00 | 2.74E-03 | 3.91E-05 | 1.18E-05 |
| 370949.00 | 3762042.00 | 3.34E-03 | 3.80E-05 | 1.39E-05 |
| 370969.00 | 3762042.00 | 3.93E-03 | 3.72E-05 | 1.55E-05 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371409.00 | 3762002.00 | 5.73E-07 | 7.62E-09 | 1.19E-09 |
| 371429.00 | 3762002.00 | 5.08E-07 | 6.95E-09 | 1.05E-09 |
| 371449.00 | 3762002.00 | 4.53E-07 | 6.35E-09 | 9.40E-10 |
| 370869.00 | 3762022.00 | 1.94E-06 | 5.07E-08 | 8.37E-09 |
| 370889.00 | 3762022.00 | 2.39E-06 | 4.81E-08 | 1.07E-08 |
| 370909.00 | 3762022.00 | 3.04E-06 | 4.63E-08 | 1.38E-08 |
| 370929.00 | 3762022.00 | 3.84E-06 | 4.49E-08 | 1.71E-08 |
| 370949.00 | 3762022.00 | 4.73E-06 | 4.39E-08 | 2.00E-08 |
| 370969.00 | 3762022.00 | 5.56E-06 | 4.29E-08 | 2.18E-08 |
| 370989.00 | 3762022.00 | 6.17E-06 | 4.21E-08 | 2.23E-08 |
| 371009.00 | 3762022.00 | 6.51E-06 | 4.11E-08 | 2.17E-08 |
| 371029.00 | 3762022.00 | 6.53E-06 | 3.99E-08 | 2.03E-08 |
| 371049.00 | 3762022.00 | 6.31E-06 | 3.84E-08 | 1.84E-08 |
| 371069.00 | 3762022.00 | 5.91E-06 | 3.66E-08 | 1.64E-08 |
| 371089.00 | 3762022.00 | 5.41E-06 | 3.45E-08 | 1.43E-08 |
| 371109.00 | 3762022.00 | 4.86E-06 | 3.23E-08 | 1.24E-08 |
| 371129.00 | 3762022.00 | 4.31E-06 | 2.99E-08 | 1.06E-08 |
| 371149.00 | 3762022.00 | 3.78E-06 | 2.76E-08 | 9.13E-09 |
| 371169.00 | 3762022.00 | 3.30E-06 | 2.54E-08 | 7.81E-09 |
| 371189.00 | 3762022.00 | 2.87E-06 | 2.32E-08 | 6.68E-09 |
| 371209.00 | 3762022.00 | 2.49E-06 | 2.11E-08 | 5.71E-09 |
| 371229.00 | 3762022.00 | 2.16E-06 | 1.92E-08 | 4.90E-09 |
| 371249.00 | 3762022.00 | 1.88E-06 | 1.75E-08 | 4.20E-09 |
| 371269.00 | 3762022.00 | 1.63E-06 | 1.58E-08 | 3.62E-09 |
| 371289.00 | 3762022.00 | 1.42E-06 | 1.44E-08 | 3.13E-09 |
| 371309.00 | 3762022.00 | 1.24E-06 | 1.30E-08 | 2.71E-09 |
| 371329.00 | 3762022.00 | 1.07E-06 | 1.18E-08 | 2.34E-09 |
| 371349.00 | 3762022.00 | 9.33E-07 | 1.07E-08 | 2.02E-09 |
| 371369.00 | 3762022.00 | 8.17E-07 | 9.73E-09 | 1.76E-09 |
| 371389.00 | 3762022.00 | 7.22E-07 | 8.85E-09 | 1.55E-09 |
| 371409.00 | 3762022.00 | 6.40E-07 | 8.08E-09 | 1.37E-09 |
| 371429.00 | 3762022.00 | 5.66E-07 | 7.37E-09 | 1.21E-09 |
| 371449.00 | 3762022.00 | 5.00E-07 | 6.73E-09 | 1.06E-09 |
| 370869.00 | 3762042.00 | 1.55E-06 | 4.67E-08 | 6.40E-09 |
| 370889.00 | 3762042.00 | 1.88E-06 | 4.43E-08 | 8.03E-09 |
| 370909.00 | 3762042.00 | 2.31E-06 | 4.24E-08 | 1.00E-08 |
| 370929.00 | 3762042.00 | 2.87E-06 | 4.09E-08 | 1.23E-08 |
| 370949.00 | 3762042.00 | 3.49E-06 | 3.98E-08 | 1.45E-08 |
| 370969.00 | 3762042.00 | 4.11E-06 | 3.88E-08 | 1.62E-08 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370989.00 | 3762042.00 | 4.43E-03 | 3.63E-05 | 1.64E-05 |
| 371009.00 | 3762042.00 | 4.77E-03 | 3.54E-05 | 1.65E-05 |
| 371029.00 | 3762042.00 | 4.93E-03 | 3.45E-05 | 1.60E-05 |
| 371049.00 | 3762042.00 | 4.91E-03 | 3.33E-05 | 1.51E-05 |
| 371069.00 | 3762042.00 | 4.75E-03 | 3.20E-05 | 1.39E-05 |
| 371089.00 | 3762042.00 | 4.48E-03 | 3.05E-05 | 1.25E-05 |
| 371109.00 | 3762042.00 | 4.13E-03 | 2.88E-05 | 1.11E-05 |
| 371129.00 | 3762042.00 | 3.76E-03 | 2.70E-05 | 9.81E-06 |
| 371149.00 | 3762042.00 | 3.38E-03 | 2.52E-05 | 8.60E-06 |
| 371169.00 | 3762042.00 | 3.02E-03 | 2.34E-05 | 7.50E-06 |
| 371189.00 | 3762042.00 | 2.67E-03 | 2.16E-05 | 6.52E-06 |
| 371209.00 | 3762042.00 | 2.36E-03 | 1.99E-05 | 5.66E-06 |
| 371229.00 | 3762042.00 | 2.08E-03 | 1.83E-05 | 4.91E-06 |
| 371249.00 | 3762042.00 | 1.83E-03 | 1.67E-05 | 4.27E-06 |
| 371269.00 | 3762042.00 | 1.60E-03 | 1.53E-05 | 3.71E-06 |
| 371289.00 | 3762042.00 | 1.41E-03 | 1.40E-05 | 3.23E-06 |
| 371309.00 | 3762042.00 | 1.24E-03 | 1.27E-05 | 2.82E-06 |
| 371329.00 | 3762042.00 | 1.09E-03 | 1.16E-05 | 2.47E-06 |
| 371349.00 | 3762042.00 | 9.62E-04 | 1.06E-05 | 2.16E-06 |
| 371369.00 | 3762042.00 | 8.42E-04 | 9.68E-06 | 1.87E-06 |
| 371389.00 | 3762042.00 | 7.44E-04 | 8.83E-06 | 1.64E-06 |
| 371409.00 | 3762042.00 | 6.65E-04 | 8.09E-06 | 1.47E-06 |
| 371429.00 | 3762042.00 | 5.89E-04 | 7.40E-06 | 1.29E-06 |
| 371449.00 | 3762042.00 | 5.23E-04 | 6.78E-06 | 1.14E-06 |
| 370869.00 | 3762062.00 | 1.20E-03 | 4.13E-05 | 4.80E-06 |
| 370889.00 | 3762062.00 | 1.44E-03 | 3.93E-05 | 5.89E-06 |
| 370909.00 | 3762062.00 | 1.74E-03 | 3.75E-05 | 7.24E-06 |
| 370929.00 | 3762062.00 | 2.10E-03 | 3.60E-05 | 8.76E-06 |
| 370949.00 | 3762062.00 | 2.54E-03 | 3.49E-05 | 1.03E-05 |
| 370969.00 | 3762062.00 | 2.98E-03 | 3.39E-05 | 1.17E-05 |
| 370989.00 | 3762062.00 | 3.39E-03 | 3.31E-05 | 1.26E-05 |
| 371009.00 | 3762062.00 | 3.70E-03 | 3.22E-05 | 1.31E-05 |
| 371029.00 | 3762062.00 | 3.91E-03 | 3.14E-05 | 1.31E-05 |
| 371049.00 | 3762062.00 | 3.99E-03 | 3.04E-05 | 1.27E-05 |
| 371069.00 | 3762062.00 | 3.95E-03 | 2.94E-05 | 1.20E-05 |
| 371089.00 | 3762062.00 | 3.82E-03 | 2.82E-05 | 1.12E-05 |
| 371109.00 | 3762062.00 | 3.62E-03 | 2.69E-05 | 1.02E-05 |
| 371129.00 | 3762062.00 | 3.37E-03 | 2.54E-05 | 9.21E-06 |
| 371149.00 | 3762062.00 | 3.10E-03 | 2.39E-05 | 8.24E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370989.00 | 3762042.00 | 4.63E-06 | 3.79E-08 | 1.71E-08 |
| 371009.00 | 3762042.00 | 4.98E-06 | 3.70E-08 | 1.72E-08 |
| 371029.00 | 3762042.00 | 5.15E-06 | 3.60E-08 | 1.68E-08 |
| 371049.00 | 3762042.00 | 5.13E-06 | 3.48E-08 | 1.58E-08 |
| 371069.00 | 3762042.00 | 4.96E-06 | 3.34E-08 | 1.45E-08 |
| 371089.00 | 3762042.00 | 4.68E-06 | 3.19E-08 | 1.31E-08 |
| 371109.00 | 3762042.00 | 4.32E-06 | 3.01E-08 | 1.16E-08 |
| 371129.00 | 3762042.00 | 3.93E-06 | 2.83E-08 | 1.03E-08 |
| 371149.00 | 3762042.00 | 3.53E-06 | 2.64E-08 | 8.98E-09 |
| 371169.00 | 3762042.00 | 3.15E-06 | 2.45E-08 | 7.84E-09 |
| 371189.00 | 3762042.00 | 2.79E-06 | 2.26E-08 | 6.81E-09 |
| 371209.00 | 3762042.00 | 2.47E-06 | 2.08E-08 | 5.91E-09 |
| 371229.00 | 3762042.00 | 2.17E-06 | 1.91E-08 | 5.14E-09 |
| 371249.00 | 3762042.00 | 1.91E-06 | 1.75E-08 | 4.46E-09 |
| 371269.00 | 3762042.00 | 1.68E-06 | 1.60E-08 | 3.87E-09 |
| 371289.00 | 3762042.00 | 1.47E-06 | 1.46E-08 | 3.37E-09 |
| 371309.00 | 3762042.00 | 1.30E-06 | 1.33E-08 | 2.95E-09 |
| 371329.00 | 3762042.00 | 1.14E-06 | 1.22E-08 | 2.58E-09 |
| 371349.00 | 3762042.00 | 1.01E-06 | 1.11E-08 | 2.26E-09 |
| 371369.00 | 3762042.00 | 8.80E-07 | 1.01E-08 | 1.96E-09 |
| 371389.00 | 3762042.00 | 7.77E-07 | 9.23E-09 | 1.72E-09 |
| 371409.00 | 3762042.00 | 6.95E-07 | 8.46E-09 | 1.54E-09 |
| 371429.00 | 3762042.00 | 6.15E-07 | 7.74E-09 | 1.35E-09 |
| 371449.00 | 3762042.00 | 5.47E-07 | 7.09E-09 | 1.20E-09 |
| 370869.00 | 3762062.00 | 1.26E-06 | 4.32E-08 | 5.02E-09 |
| 370889.00 | 3762062.00 | 1.50E-06 | 4.10E-08 | 6.16E-09 |
| 370909.00 | 3762062.00 | 1.82E-06 | 3.91E-08 | 7.57E-09 |
| 370929.00 | 3762062.00 | 2.20E-06 | 3.76E-08 | 9.16E-09 |
| 370949.00 | 3762062.00 | 2.65E-06 | 3.64E-08 | 1.08E-08 |
| 370969.00 | 3762062.00 | 3.12E-06 | 3.55E-08 | 1.22E-08 |
| 370989.00 | 3762062.00 | 3.54E-06 | 3.46E-08 | 1.32E-08 |
| 371009.00 | 3762062.00 | 3.87E-06 | 3.37E-08 | 1.37E-08 |
| 371029.00 | 3762062.00 | 4.08E-06 | 3.28E-08 | 1.37E-08 |
| 371049.00 | 3762062.00 | 4.17E-06 | 3.18E-08 | 1.33E-08 |
| 371069.00 | 3762062.00 | 4.13E-06 | 3.07E-08 | 1.26E-08 |
| 371089.00 | 3762062.00 | 3.99E-06 | 2.95E-08 | 1.17E-08 |
| 371109.00 | 3762062.00 | 3.78E-06 | 2.81E-08 | 1.07E-08 |
| 371129.00 | 3762062.00 | 3.53E-06 | 2.66E-08 | 9.63E-09 |
| 371149.00 | 3762062.00 | 3.24E-06 | 2.50E-08 | 8.62E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371169.00 | 3762062.00 | 2.82E-03 | 2.24E-05 | 7.33E-06 |
| 371189.00 | 3762062.00 | 2.55E-03 | 2.09E-05 | 6.48E-06 |
| 371209.00 | 3762062.00 | 2.29E-03 | 1.94E-05 | 5.72E-06 |
| 371229.00 | 3762062.00 | 2.04E-03 | 1.80E-05 | 5.03E-06 |
| 371249.00 | 3762062.00 | 1.82E-03 | 1.66E-05 | 4.42E-06 |
| 371269.00 | 3762062.00 | 1.62E-03 | 1.53E-05 | 3.88E-06 |
| 371289.00 | 3762062.00 | 1.44E-03 | 1.41E-05 | 3.41E-06 |
| 371309.00 | 3762062.00 | 1.27E-03 | 1.29E-05 | 3.00E-06 |
| 371329.00 | 3762062.00 | 1.13E-03 | 1.19E-05 | 2.64E-06 |
| 371349.00 | 3762062.00 | 1.01E-03 | 1.09E-05 | 2.33E-06 |
| 371369.00 | 3762062.00 | 8.95E-04 | 9.97E-06 | 2.06E-06 |
| 371389.00 | 3762062.00 | 7.94E-04 | 9.15E-06 | 1.82E-06 |
| 371409.00 | 3762062.00 | 7.09E-04 | 8.40E-06 | 1.61E-06 |
| 371429.00 | 3762062.00 | 6.31E-04 | 7.71E-06 | 1.42E-06 |
| 371449.00 | 3762062.00 | 5.64E-04 | 7.09E-06 | 1.27E-06 |
| 370869.00 | 3762082.00 | 9.91E-04 | 3.83E-05 | 3.84E-06 |
| 370889.00 | 3762082.00 | 1.17E-03 | 3.64E-05 | 4.64E-06 |
| 370909.00 | 3762082.00 | 1.40E-03 | 3.48E-05 | 5.61E-06 |
| 370929.00 | 3762082.00 | 1.66E-03 | 3.33E-05 | 6.69E-06 |
| 370949.00 | 3762082.00 | 1.97E-03 | 3.22E-05 | 7.85E-06 |
| 370969.00 | 3762082.00 | 2.31E-03 | 3.12E-05 | 8.95E-06 |
| 370989.00 | 3762082.00 | 2.64E-03 | 3.04E-05 | 9.83E-06 |
| 371009.00 | 3762082.00 | 2.92E-03 | 2.96E-05 | 1.04E-05 |
| 371029.00 | 3762082.00 | 3.11E-03 | 2.88E-05 | 1.07E-05 |
| 371049.00 | 3762082.00 | 3.24E-03 | 2.80E-05 | 1.06E-05 |
| 371069.00 | 3762082.00 | 3.28E-03 | 2.71E-05 | 1.03E-05 |
| 371089.00 | 3762082.00 | 3.24E-03 | 2.61E-05 | 9.81E-06 |
| 371109.00 | 3762082.00 | 3.14E-03 | 2.51E-05 | 9.19E-06 |
| 371129.00 | 3762082.00 | 2.99E-03 | 2.39E-05 | 8.48E-06 |
| 371149.00 | 3762082.00 | 2.80E-03 | 2.27E-05 | 7.74E-06 |
| 371169.00 | 3762082.00 | 2.60E-03 | 2.14E-05 | 7.01E-06 |
| 371189.00 | 3762082.00 | 2.38E-03 | 2.01E-05 | 6.31E-06 |
| 371209.00 | 3762082.00 | 2.17E-03 | 1.88E-05 | 5.65E-06 |
| 371229.00 | 3762082.00 | 1.97E-03 | 1.76E-05 | 5.04E-06 |
| 371249.00 | 3762082.00 | 1.78E-03 | 1.63E-05 | 4.48E-06 |
| 371269.00 | 3762082.00 | 1.60E-03 | 1.52E-05 | 3.98E-06 |
| 371289.00 | 3762082.00 | 1.44E-03 | 1.40E-05 | 3.53E-06 |
| 371309.00 | 3762082.00 | 1.29E-03 | 1.30E-05 | 3.14E-06 |
| 371329.00 | 3762082.00 | 1.16E-03 | 1.20E-05 | 2.78E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371169.00 | 3762062.00 | 2.95E-06 | 2.35E-08 | 7.66E-09 |
| 371189.00 | 3762062.00 | 2.66E-06 | 2.19E-08 | 6.78E-09 |
| 371209.00 | 3762062.00 | 2.39E-06 | 2.03E-08 | 5.97E-09 |
| 371229.00 | 3762062.00 | 2.13E-06 | 1.88E-08 | 5.26E-09 |
| 371249.00 | 3762062.00 | 1.90E-06 | 1.74E-08 | 4.62E-09 |
| 371269.00 | 3762062.00 | 1.69E-06 | 1.60E-08 | 4.06E-09 |
| 371289.00 | 3762062.00 | 1.50E-06 | 1.47E-08 | 3.56E-09 |
| 371309.00 | 3762062.00 | 1.33E-06 | 1.35E-08 | 3.14E-09 |
| 371329.00 | 3762062.00 | 1.18E-06 | 1.24E-08 | 2.76E-09 |
| 371349.00 | 3762062.00 | 1.05E-06 | 1.14E-08 | 2.44E-09 |
| 371369.00 | 3762062.00 | 9.36E-07 | 1.04E-08 | 2.15E-09 |
| 371389.00 | 3762062.00 | 8.30E-07 | 9.56E-09 | 1.90E-09 |
| 371409.00 | 3762062.00 | 7.41E-07 | 8.78E-09 | 1.68E-09 |
| 371429.00 | 3762062.00 | 6.59E-07 | 8.06E-09 | 1.49E-09 |
| 371449.00 | 3762062.00 | 5.89E-07 | 7.41E-09 | 1.32E-09 |
| 370869.00 | 3762082.00 | 1.04E-06 | 4.01E-08 | 4.02E-09 |
| 370889.00 | 3762082.00 | 1.22E-06 | 3.81E-08 | 4.85E-09 |
| 370909.00 | 3762082.00 | 1.46E-06 | 3.63E-08 | 5.86E-09 |
| 370929.00 | 3762082.00 | 1.73E-06 | 3.49E-08 | 6.99E-09 |
| 370949.00 | 3762082.00 | 2.06E-06 | 3.36E-08 | 8.21E-09 |
| 370969.00 | 3762082.00 | 2.42E-06 | 3.26E-08 | 9.35E-09 |
| 370989.00 | 3762082.00 | 2.76E-06 | 3.18E-08 | 1.03E-08 |
| 371009.00 | 3762082.00 | 3.05E-06 | 3.09E-08 | 1.09E-08 |
| 371029.00 | 3762082.00 | 3.25E-06 | 3.01E-08 | 1.11E-08 |
| 371049.00 | 3762082.00 | 3.39E-06 | 2.93E-08 | 1.11E-08 |
| 371069.00 | 3762082.00 | 3.43E-06 | 2.83E-08 | 1.08E-08 |
| 371089.00 | 3762082.00 | 3.38E-06 | 2.73E-08 | 1.03E-08 |
| 371109.00 | 3762082.00 | 3.28E-06 | 2.62E-08 | 9.60E-09 |
| 371129.00 | 3762082.00 | 3.12E-06 | 2.50E-08 | 8.86E-09 |
| 371149.00 | 3762082.00 | 2.93E-06 | 2.37E-08 | 8.09E-09 |
| 371169.00 | 3762082.00 | 2.71E-06 | 2.24E-08 | 7.33E-09 |
| 371189.00 | 3762082.00 | 2.49E-06 | 2.10E-08 | 6.59E-09 |
| 371209.00 | 3762082.00 | 2.27E-06 | 1.97E-08 | 5.90E-09 |
| 371229.00 | 3762082.00 | 2.06E-06 | 1.84E-08 | 5.27E-09 |
| 371249.00 | 3762082.00 | 1.86E-06 | 1.71E-08 | 4.68E-09 |
| 371269.00 | 3762082.00 | 1.67E-06 | 1.58E-08 | 4.16E-09 |
| 371289.00 | 3762082.00 | 1.50E-06 | 1.47E-08 | 3.69E-09 |
| 371309.00 | 3762082.00 | 1.35E-06 | 1.36E-08 | 3.28E-09 |
| 371329.00 | 3762082.00 | 1.21E-06 | 1.25E-08 | 2.91E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371349.00 | 3762082.00 | 1.03E-03 | 1.10E-05 | 2.46E-06 |
| 371369.00 | 3762082.00 | 9.25E-04 | 1.02E-05 | 2.19E-06 |
| 371389.00 | 3762082.00 | 8.31E-04 | 9.39E-06 | 1.96E-06 |
| 371409.00 | 3762082.00 | 7.43E-04 | 8.65E-06 | 1.74E-06 |
| 371429.00 | 3762082.00 | 6.67E-04 | 7.97E-06 | 1.55E-06 |
| 371449.00 | 3762082.00 | 5.99E-04 | 7.35E-06 | 1.38E-06 |
| 370869.00 | 3762102.00 | 8.27E-04 | 3.56E-05 | 3.12E-06 |
| 370889.00 | 3762102.00 | 9.64E-04 | 3.38E-05 | 3.71E-06 |
| 370909.00 | 3762102.00 | 1.14E-03 | 3.24E-05 | 4.44E-06 |
| 370929.00 | 3762102.00 | 1.34E-03 | 3.10E-05 | 5.26E-06 |
| 370949.00 | 3762102.00 | 1.57E-03 | 2.99E-05 | 6.11E-06 |
| 370969.00 | 3762102.00 | 1.82E-03 | 2.89E-05 | 6.98E-06 |
| 370989.00 | 3762102.00 | 2.09E-03 | 2.81E-05 | 7.75E-06 |
| 371009.00 | 3762102.00 | 2.33E-03 | 2.74E-05 | 8.34E-06 |
| 371029.00 | 3762102.00 | 2.51E-03 | 2.66E-05 | 8.69E-06 |
| 371049.00 | 3762102.00 | 2.65E-03 | 2.59E-05 | 8.83E-06 |
| 371069.00 | 3762102.00 | 2.72E-03 | 2.51E-05 | 8.76E-06 |
| 371089.00 | 3762102.00 | 2.73E-03 | 2.43E-05 | 8.51E-06 |
| 371109.00 | 3762102.00 | 2.70E-03 | 2.34E-05 | 8.14E-06 |
| 371129.00 | 3762102.00 | 2.62E-03 | 2.24E-05 | 7.67E-06 |
| 371149.00 | 3762102.00 | 2.50E-03 | 2.14E-05 | 7.14E-06 |
| 371169.00 | 3762102.00 | 2.36E-03 | 2.03E-05 | 6.58E-06 |
| 371189.00 | 3762102.00 | 2.20E-03 | 1.93E-05 | 6.02E-06 |
| 371209.00 | 3762102.00 | 2.04E-03 | 1.82E-05 | 5.47E-06 |
| 371229.00 | 3762102.00 | 1.87E-03 | 1.71E-05 | 4.95E-06 |
| 371249.00 | 3762102.00 | 1.71E-03 | 1.60E-05 | 4.46E-06 |
| 371269.00 | 3762102.00 | 1.56E-03 | 1.49E-05 | 4.01E-06 |
| 371289.00 | 3762102.00 | 1.42E-03 | 1.39E-05 | 3.59E-06 |
| 371309.00 | 3762102.00 | 1.28E-03 | 1.29E-05 | 3.22E-06 |
| 371329.00 | 3762102.00 | 1.16E-03 | 1.20E-05 | 2.89E-06 |
| 371349.00 | 3762102.00 | 1.05E-03 | 1.11E-05 | 2.58E-06 |
| 371369.00 | 3762102.00 | 9.46E-04 | 1.03E-05 | 2.31E-06 |
| 371389.00 | 3762102.00 | 8.54E-04 | 9.56E-06 | 2.07E-06 |
| 371409.00 | 3762102.00 | 7.70E-04 | 8.85E-06 | 1.85E-06 |
| 371429.00 | 3762102.00 | 6.95E-04 | 8.19E-06 | 1.66E-06 |
| 371449.00 | 3762102.00 | 6.28E-04 | 7.58E-06 | 1.49E-06 |
| 370869.00 | 3762122.00 | 7.00E-04 | 3.31E-05 | 2.58E-06 |
| 370889.00 | 3762122.00 | 8.05E-04 | 3.15E-05 | 3.02E-06 |
| 370909.00 | 3762122.00 | 9.39E-04 | 3.01E-05 | 3.58E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371349.00 | 3762082.00 | 1.08E-06 | 1.15E-08 | 2.57E-09 |
| 371369.00 | 3762082.00 | 9.67E-07 | 1.06E-08 | 2.29E-09 |
| 371389.00 | 3762082.00 | 8.68E-07 | 9.81E-09 | 2.04E-09 |
| 371409.00 | 3762082.00 | 7.77E-07 | 9.04E-09 | 1.82E-09 |
| 371429.00 | 3762082.00 | 6.97E-07 | 8.33E-09 | 1.62E-09 |
| 371449.00 | 3762082.00 | 6.26E-07 | 7.69E-09 | 1.44E-09 |
| 370869.00 | 3762102.00 | 8.65E-07 | 3.72E-08 | 3.26E-09 |
| 370889.00 | 3762102.00 | 1.01E-06 | 3.54E-08 | 3.88E-09 |
| 370909.00 | 3762102.00 | 1.19E-06 | 3.38E-08 | 4.64E-09 |
| 370929.00 | 3762102.00 | 1.40E-06 | 3.24E-08 | 5.50E-09 |
| 370949.00 | 3762102.00 | 1.64E-06 | 3.12E-08 | 6.39E-09 |
| 370969.00 | 3762102.00 | 1.91E-06 | 3.02E-08 | 7.29E-09 |
| 370989.00 | 3762102.00 | 2.18E-06 | 2.94E-08 | 8.10E-09 |
| 371009.00 | 3762102.00 | 2.43E-06 | 2.86E-08 | 8.71E-09 |
| 371029.00 | 3762102.00 | 2.62E-06 | 2.78E-08 | 9.08E-09 |
| 371049.00 | 3762102.00 | 2.76E-06 | 2.71E-08 | 9.23E-09 |
| 371069.00 | 3762102.00 | 2.84E-06 | 2.62E-08 | 9.15E-09 |
| 371089.00 | 3762102.00 | 2.85E-06 | 2.54E-08 | 8.90E-09 |
| 371109.00 | 3762102.00 | 2.82E-06 | 2.44E-08 | 8.51E-09 |
| 371129.00 | 3762102.00 | 2.74E-06 | 2.34E-08 | 8.02E-09 |
| 371149.00 | 3762102.00 | 2.61E-06 | 2.24E-08 | 7.46E-09 |
| 371169.00 | 3762102.00 | 2.46E-06 | 2.13E-08 | 6.88E-09 |
| 371189.00 | 3762102.00 | 2.30E-06 | 2.01E-08 | 6.29E-09 |
| 371209.00 | 3762102.00 | 2.13E-06 | 1.90E-08 | 5.72E-09 |
| 371229.00 | 3762102.00 | 1.96E-06 | 1.78E-08 | 5.17E-09 |
| 371249.00 | 3762102.00 | 1.79E-06 | 1.67E-08 | 4.66E-09 |
| 371269.00 | 3762102.00 | 1.63E-06 | 1.56E-08 | 4.19E-09 |
| 371289.00 | 3762102.00 | 1.48E-06 | 1.45E-08 | 3.76E-09 |
| 371309.00 | 3762102.00 | 1.34E-06 | 1.35E-08 | 3.37E-09 |
| 371329.00 | 3762102.00 | 1.21E-06 | 1.25E-08 | 3.02E-09 |
| 371349.00 | 3762102.00 | 1.10E-06 | 1.16E-08 | 2.70E-09 |
| 371369.00 | 3762102.00 | 9.89E-07 | 1.08E-08 | 2.41E-09 |
| 371389.00 | 3762102.00 | 8.93E-07 | 9.99E-09 | 2.16E-09 |
| 371409.00 | 3762102.00 | 8.05E-07 | 9.25E-09 | 1.93E-09 |
| 371429.00 | 3762102.00 | 7.27E-07 | 8.56E-09 | 1.73E-09 |
| 371449.00 | 3762102.00 | 6.56E-07 | 7.92E-09 | 1.55E-09 |
| 370869.00 | 3762122.00 | 7.32E-07 | 3.46E-08 | 2.70E-09 |
| 370889.00 | 3762122.00 | 8.41E-07 | 3.29E-08 | 3.16E-09 |
| 370909.00 | 3762122.00 | 9.81E-07 | 3.15E-08 | 3.74E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370929.00 | 3762122.00 | 1.10E-03 | 2.90E-05 | 4.21E-06 |
| 370949.00 | 3762122.00 | 1.27E-03 | 2.79E-05 | 4.87E-06 |
| 370969.00 | 3762122.00 | 1.47E-03 | 2.69E-05 | 5.52E-06 |
| 370989.00 | 3762122.00 | 1.68E-03 | 2.61E-05 | 6.18E-06 |
| 371009.00 | 3762122.00 | 1.88E-03 | 2.54E-05 | 6.73E-06 |
| 371029.00 | 3762122.00 | 2.04E-03 | 2.47E-05 | 7.11E-06 |
| 371049.00 | 3762122.00 | 2.17E-03 | 2.40E-05 | 7.33E-06 |
| 371069.00 | 3762122.00 | 2.26E-03 | 2.33E-05 | 7.40E-06 |
| 371089.00 | 3762122.00 | 2.30E-03 | 2.26E-05 | 7.33E-06 |
| 371109.00 | 3762122.00 | 2.31E-03 | 2.19E-05 | 7.15E-06 |
| 371129.00 | 3762122.00 | 2.28E-03 | 2.11E-05 | 6.86E-06 |
| 371149.00 | 3762122.00 | 2.21E-03 | 2.02E-05 | 6.50E-06 |
| 371169.00 | 3762122.00 | 2.12E-03 | 1.93E-05 | 6.09E-06 |
| 371189.00 | 3762122.00 | 2.01E-03 | 1.84E-05 | 5.65E-06 |
| 371209.00 | 3762122.00 | 1.89E-03 | 1.74E-05 | 5.22E-06 |
| 371229.00 | 3762122.00 | 1.76E-03 | 1.65E-05 | 4.78E-06 |
| 371249.00 | 3762122.00 | 1.63E-03 | 1.55E-05 | 4.37E-06 |
| 371269.00 | 3762122.00 | 1.50E-03 | 1.46E-05 | 3.97E-06 |
| 371289.00 | 3762122.00 | 1.38E-03 | 1.37E-05 | 3.60E-06 |
| 371309.00 | 3762122.00 | 1.26E-03 | 1.28E-05 | 3.26E-06 |
| 371329.00 | 3762122.00 | 1.15E-03 | 1.20E-05 | 2.94E-06 |
| 371349.00 | 3762122.00 | 1.05E-03 | 1.11E-05 | 2.65E-06 |
| 371369.00 | 3762122.00 | 9.55E-04 | 1.04E-05 | 2.39E-06 |
| 371389.00 | 3762122.00 | 8.68E-04 | 9.66E-06 | 2.16E-06 |
| 371409.00 | 3762122.00 | 7.88E-04 | 8.98E-06 | 1.94E-06 |
| 371429.00 | 3762122.00 | 7.16E-04 | 8.35E-06 | 1.75E-06 |
| 371449.00 | 3762122.00 | 6.50E-04 | 7.76E-06 | 1.58E-06 |
| 370869.00 | 3762142.00 | 6.00E-04 | 3.07E-05 | 2.17E-06 |
| 370889.00 | 3762142.00 | 6.81E-04 | 2.93E-05 | 2.50E-06 |
| 370909.00 | 3762142.00 | 7.84E-04 | 2.81E-05 | 2.92E-06 |
| 370929.00 | 3762142.00 | 9.15E-04 | 2.70E-05 | 3.42E-06 |
| 370949.00 | 3762142.00 | 1.05E-03 | 2.60E-05 | 3.94E-06 |
| 370969.00 | 3762142.00 | 1.20E-03 | 2.52E-05 | 4.46E-06 |
| 370989.00 | 3762142.00 | 1.36E-03 | 2.44E-05 | 4.98E-06 |
| 371009.00 | 3762142.00 | 1.53E-03 | 2.37E-05 | 5.48E-06 |
| 371029.00 | 3762142.00 | 1.67E-03 | 2.31E-05 | 5.85E-06 |
| 371049.00 | 3762142.00 | 1.79E-03 | 2.24E-05 | 6.09E-06 |
| 371069.00 | 3762142.00 | 1.89E-03 | 2.18E-05 | 6.25E-06 |
| 371089.00 | 3762142.00 | 1.95E-03 | 2.12E-05 | 6.28E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370929.00 | 3762122.00 | 1.15E-06 | 3.03E-08 | 4.40E-09 |
| 370949.00 | 3762122.00 | 1.33E-06 | 2.91E-08 | 5.09E-09 |
| 370969.00 | 3762122.00 | 1.53E-06 | 2.82E-08 | 5.77E-09 |
| 370989.00 | 3762122.00 | 1.75E-06 | 2.73E-08 | 6.46E-09 |
| 371009.00 | 3762122.00 | 1.96E-06 | 2.66E-08 | 7.03E-09 |
| 371029.00 | 3762122.00 | 2.13E-06 | 2.58E-08 | 7.44E-09 |
| 371049.00 | 3762122.00 | 2.27E-06 | 2.51E-08 | 7.66E-09 |
| 371069.00 | 3762122.00 | 2.36E-06 | 2.44E-08 | 7.74E-09 |
| 371089.00 | 3762122.00 | 2.41E-06 | 2.37E-08 | 7.66E-09 |
| 371109.00 | 3762122.00 | 2.42E-06 | 2.29E-08 | 7.47E-09 |
| 371129.00 | 3762122.00 | 2.39E-06 | 2.20E-08 | 7.17E-09 |
| 371149.00 | 3762122.00 | 2.31E-06 | 2.11E-08 | 6.79E-09 |
| 371169.00 | 3762122.00 | 2.22E-06 | 2.02E-08 | 6.36E-09 |
| 371189.00 | 3762122.00 | 2.10E-06 | 1.92E-08 | 5.91E-09 |
| 371209.00 | 3762122.00 | 1.97E-06 | 1.82E-08 | 5.45E-09 |
| 371229.00 | 3762122.00 | 1.84E-06 | 1.72E-08 | 5.00E-09 |
| 371249.00 | 3762122.00 | 1.70E-06 | 1.62E-08 | 4.56E-09 |
| 371269.00 | 3762122.00 | 1.57E-06 | 1.53E-08 | 4.15E-09 |
| 371289.00 | 3762122.00 | 1.44E-06 | 1.43E-08 | 3.76E-09 |
| 371309.00 | 3762122.00 | 1.32E-06 | 1.34E-08 | 3.40E-09 |
| 371329.00 | 3762122.00 | 1.20E-06 | 1.25E-08 | 3.07E-09 |
| 371349.00 | 3762122.00 | 1.10E-06 | 1.17E-08 | 2.77E-09 |
| 371369.00 | 3762122.00 | 9.98E-07 | 1.09E-08 | 2.50E-09 |
| 371389.00 | 3762122.00 | 9.08E-07 | 1.01E-08 | 2.26E-09 |
| 371409.00 | 3762122.00 | 8.24E-07 | 9.39E-09 | 2.03E-09 |
| 371429.00 | 3762122.00 | 7.48E-07 | 8.73E-09 | 1.83E-09 |
| 371449.00 | 3762122.00 | 6.79E-07 | 8.11E-09 | 1.65E-09 |
| 370869.00 | 3762142.00 | 6.27E-07 | 3.21E-08 | 2.27E-09 |
| 370889.00 | 3762142.00 | 7.12E-07 | 3.06E-08 | 2.62E-09 |
| 370909.00 | 3762142.00 | 8.19E-07 | 2.94E-08 | 3.05E-09 |
| 370929.00 | 3762142.00 | 9.57E-07 | 2.82E-08 | 3.57E-09 |
| 370949.00 | 3762142.00 | 1.10E-06 | 2.72E-08 | 4.12E-09 |
| 370969.00 | 3762142.00 | 1.25E-06 | 2.63E-08 | 4.66E-09 |
| 370989.00 | 3762142.00 | 1.42E-06 | 2.55E-08 | 5.21E-09 |
| 371009.00 | 3762142.00 | 1.60E-06 | 2.48E-08 | 5.72E-09 |
| 371029.00 | 3762142.00 | 1.75E-06 | 2.41E-08 | 6.11E-09 |
| 371049.00 | 3762142.00 | 1.87E-06 | 2.34E-08 | 6.37E-09 |
| 371069.00 | 3762142.00 | 1.97E-06 | 2.28E-08 | 6.54E-09 |
| 371089.00 | 3762142.00 | 2.03E-06 | 2.21E-08 | 6.57E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371109.00 | 3762142.00 | 1.98E-03 | 2.05E-05 | 6.23E-06 |
| 371129.00 | 3762142.00 | 1.98E-03 | 1.98E-05 | 6.08E-06 |
| 371149.00 | 3762142.00 | 1.95E-03 | 1.91E-05 | 5.85E-06 |
| 371169.00 | 3762142.00 | 1.89E-03 | 1.83E-05 | 5.56E-06 |
| 371189.00 | 3762142.00 | 1.82E-03 | 1.75E-05 | 5.24E-06 |
| 371209.00 | 3762142.00 | 1.73E-03 | 1.67E-05 | 4.90E-06 |
| 371229.00 | 3762142.00 | 1.64E-03 | 1.59E-05 | 4.56E-06 |
| 371249.00 | 3762142.00 | 1.53E-03 | 1.50E-05 | 4.21E-06 |
| 371269.00 | 3762142.00 | 1.43E-03 | 1.42E-05 | 3.87E-06 |
| 371289.00 | 3762142.00 | 1.33E-03 | 1.34E-05 | 3.55E-06 |
| 371309.00 | 3762142.00 | 1.23E-03 | 1.26E-05 | 3.24E-06 |
| 371329.00 | 3762142.00 | 1.13E-03 | 1.18E-05 | 2.95E-06 |
| 371349.00 | 3762142.00 | 1.04E-03 | 1.11E-05 | 2.69E-06 |
| 371369.00 | 3762142.00 | 9.52E-04 | 1.04E-05 | 2.44E-06 |
| 371389.00 | 3762142.00 | 8.72E-04 | 9.71E-06 | 2.22E-06 |
| 371409.00 | 3762142.00 | 7.97E-04 | 9.07E-06 | 2.01E-06 |
| 371429.00 | 3762142.00 | 7.29E-04 | 8.46E-06 | 1.83E-06 |
| 371449.00 | 3762142.00 | 6.66E-04 | 7.89E-06 | 1.66E-06 |
| 370869.00 | 3762162.00 | 5.20E-04 | 2.84E-05 | 1.85E-06 |
| 370889.00 | 3762162.00 | 5.89E-04 | 2.73E-05 | 2.12E-06 |
| 370909.00 | 3762162.00 | 6.70E-04 | 2.62E-05 | 2.44E-06 |
| 370929.00 | 3762162.00 | 7.71E-04 | 2.52E-05 | 2.82E-06 |
| 370949.00 | 3762162.00 | 8.80E-04 | 2.43E-05 | 3.23E-06 |
| 370969.00 | 3762162.00 | 9.95E-04 | 2.35E-05 | 3.64E-06 |
| 370989.00 | 3762162.00 | 1.13E-03 | 2.28E-05 | 4.07E-06 |
| 371009.00 | 3762162.00 | 1.27E-03 | 2.22E-05 | 4.50E-06 |
| 371029.00 | 3762162.00 | 1.39E-03 | 2.16E-05 | 4.84E-06 |
| 371049.00 | 3762162.00 | 1.49E-03 | 2.10E-05 | 5.09E-06 |
| 371069.00 | 3762162.00 | 1.58E-03 | 2.04E-05 | 5.28E-06 |
| 371089.00 | 3762162.00 | 1.65E-03 | 1.98E-05 | 5.38E-06 |
| 371109.00 | 3762162.00 | 1.70E-03 | 1.93E-05 | 5.41E-06 |
| 371129.00 | 3762162.00 | 1.72E-03 | 1.87E-05 | 5.35E-06 |
| 371149.00 | 3762162.00 | 1.71E-03 | 1.80E-05 | 5.22E-06 |
| 371169.00 | 3762162.00 | 1.68E-03 | 1.74E-05 | 5.04E-06 |
| 371189.00 | 3762162.00 | 1.64E-03 | 1.67E-05 | 4.81E-06 |
| 371209.00 | 3762162.00 | 1.58E-03 | 1.60E-05 | 4.56E-06 |
| 371229.00 | 3762162.00 | 1.51E-03 | 1.53E-05 | 4.29E-06 |
| 371249.00 | 3762162.00 | 1.43E-03 | 1.45E-05 | 4.01E-06 |
| 371269.00 | 3762162.00 | 1.35E-03 | 1.38E-05 | 3.73E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371109.00 | 3762142.00 | 2.07E-06 | 2.14E-08 | 6.51E-09 |
| 371129.00 | 3762142.00 | 2.07E-06 | 2.07E-08 | 6.36E-09 |
| 371149.00 | 3762142.00 | 2.04E-06 | 1.99E-08 | 6.11E-09 |
| 371169.00 | 3762142.00 | 1.98E-06 | 1.91E-08 | 5.81E-09 |
| 371189.00 | 3762142.00 | 1.90E-06 | 1.83E-08 | 5.48E-09 |
| 371209.00 | 3762142.00 | 1.81E-06 | 1.75E-08 | 5.13E-09 |
| 371229.00 | 3762142.00 | 1.71E-06 | 1.66E-08 | 4.76E-09 |
| 371249.00 | 3762142.00 | 1.60E-06 | 1.57E-08 | 4.40E-09 |
| 371269.00 | 3762142.00 | 1.49E-06 | 1.49E-08 | 4.05E-09 |
| 371289.00 | 3762142.00 | 1.39E-06 | 1.40E-08 | 3.71E-09 |
| 371309.00 | 3762142.00 | 1.28E-06 | 1.32E-08 | 3.39E-09 |
| 371329.00 | 3762142.00 | 1.18E-06 | 1.24E-08 | 3.09E-09 |
| 371349.00 | 3762142.00 | 1.08E-06 | 1.16E-08 | 2.81E-09 |
| 371369.00 | 3762142.00 | 9.95E-07 | 1.09E-08 | 2.55E-09 |
| 371389.00 | 3762142.00 | 9.11E-07 | 1.01E-08 | 2.32E-09 |
| 371409.00 | 3762142.00 | 8.34E-07 | 9.48E-09 | 2.10E-09 |
| 371429.00 | 3762142.00 | 7.62E-07 | 8.84E-09 | 1.91E-09 |
| 371449.00 | 3762142.00 | 6.96E-07 | 8.25E-09 | 1.73E-09 |
| 370869.00 | 3762162.00 | 5.44E-07 | 2.97E-08 | 1.93E-09 |
| 370889.00 | 3762162.00 | 6.16E-07 | 2.85E-08 | 2.22E-09 |
| 370909.00 | 3762162.00 | 7.00E-07 | 2.74E-08 | 2.55E-09 |
| 370929.00 | 3762162.00 | 8.06E-07 | 2.64E-08 | 2.95E-09 |
| 370949.00 | 3762162.00 | 9.20E-07 | 2.54E-08 | 3.38E-09 |
| 370969.00 | 3762162.00 | 1.04E-06 | 2.46E-08 | 3.81E-09 |
| 370989.00 | 3762162.00 | 1.18E-06 | 2.39E-08 | 4.26E-09 |
| 371009.00 | 3762162.00 | 1.32E-06 | 2.32E-08 | 4.70E-09 |
| 371029.00 | 3762162.00 | 1.45E-06 | 2.26E-08 | 5.06E-09 |
| 371049.00 | 3762162.00 | 1.56E-06 | 2.19E-08 | 5.32E-09 |
| 371069.00 | 3762162.00 | 1.65E-06 | 2.13E-08 | 5.52E-09 |
| 371089.00 | 3762162.00 | 1.72E-06 | 2.07E-08 | 5.62E-09 |
| 371109.00 | 3762162.00 | 1.77E-06 | 2.01E-08 | 5.65E-09 |
| 371129.00 | 3762162.00 | 1.79E-06 | 1.95E-08 | 5.60E-09 |
| 371149.00 | 3762162.00 | 1.79E-06 | 1.88E-08 | 5.46E-09 |
| 371169.00 | 3762162.00 | 1.76E-06 | 1.82E-08 | 5.26E-09 |
| 371189.00 | 3762162.00 | 1.71E-06 | 1.74E-08 | 5.03E-09 |
| 371209.00 | 3762162.00 | 1.65E-06 | 1.67E-08 | 4.77E-09 |
| 371229.00 | 3762162.00 | 1.57E-06 | 1.60E-08 | 4.49E-09 |
| 371249.00 | 3762162.00 | 1.49E-06 | 1.52E-08 | 4.19E-09 |
| 371269.00 | 3762162.00 | 1.41E-06 | 1.44E-08 | 3.90E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371289.00 | 3762162.00 | 1.26E-03 | 1.31E-05 | 3.45E-06 |
| 371309.00 | 3762162.00 | 1.18E-03 | 1.24E-05 | 3.19E-06 |
| 371329.00 | 3762162.00 | 1.09E-03 | 1.17E-05 | 2.93E-06 |
| 371349.00 | 3762162.00 | 1.01E-03 | 1.10E-05 | 2.69E-06 |
| 371369.00 | 3762162.00 | 9.37E-04 | 1.03E-05 | 2.46E-06 |
| 371389.00 | 3762162.00 | 8.66E-04 | 9.70E-06 | 2.25E-06 |
| 371409.00 | 3762162.00 | 7.98E-04 | 9.10E-06 | 2.06E-06 |
| 371429.00 | 3762162.00 | 7.34E-04 | 8.52E-06 | 1.88E-06 |
| 371449.00 | 3762162.00 | 6.74E-04 | 7.98E-06 | 1.71E-06 |
| 370869.00 | 3762182.00 | 4.53E-04 | 2.63E-05 | 1.58E-06 |
| 370889.00 | 3762182.00 | 5.08E-04 | 2.53E-05 | 1.80E-06 |
| 370909.00 | 3762182.00 | 5.75E-04 | 2.44E-05 | 2.06E-06 |
| 370929.00 | 3762182.00 | 6.56E-04 | 2.35E-05 | 2.36E-06 |
| 370949.00 | 3762182.00 | 7.42E-04 | 2.27E-05 | 2.68E-06 |
| 370969.00 | 3762182.00 | 8.35E-04 | 2.20E-05 | 3.01E-06 |
| 370989.00 | 3762182.00 | 9.37E-04 | 2.14E-05 | 3.35E-06 |
| 371009.00 | 3762182.00 | 1.06E-03 | 2.08E-05 | 3.73E-06 |
| 371029.00 | 3762182.00 | 1.16E-03 | 2.02E-05 | 4.02E-06 |
| 371049.00 | 3762182.00 | 1.25E-03 | 1.97E-05 | 4.26E-06 |
| 371069.00 | 3762182.00 | 1.33E-03 | 1.92E-05 | 4.47E-06 |
| 371089.00 | 3762182.00 | 1.40E-03 | 1.86E-05 | 4.61E-06 |
| 371109.00 | 3762182.00 | 1.45E-03 | 1.81E-05 | 4.68E-06 |
| 371129.00 | 3762182.00 | 1.49E-03 | 1.76E-05 | 4.69E-06 |
| 371149.00 | 3762182.00 | 1.50E-03 | 1.71E-05 | 4.64E-06 |
| 371169.00 | 3762182.00 | 1.49E-03 | 1.65E-05 | 4.53E-06 |
| 371189.00 | 3762182.00 | 1.46E-03 | 1.59E-05 | 4.38E-06 |
| 371209.00 | 3762182.00 | 1.43E-03 | 1.53E-05 | 4.20E-06 |
| 371229.00 | 3762182.00 | 1.38E-03 | 1.46E-05 | 4.00E-06 |
| 371249.00 | 3762182.00 | 1.32E-03 | 1.40E-05 | 3.78E-06 |
| 371269.00 | 3762182.00 | 1.26E-03 | 1.34E-05 | 3.55E-06 |
| 371289.00 | 3762182.00 | 1.19E-03 | 1.27E-05 | 3.32E-06 |
| 371309.00 | 3762182.00 | 1.12E-03 | 1.21E-05 | 3.10E-06 |
| 371329.00 | 3762182.00 | 1.05E-03 | 1.14E-05 | 2.87E-06 |
| 371349.00 | 3762182.00 | 9.82E-04 | 1.08E-05 | 2.66E-06 |
| 371369.00 | 3762182.00 | 9.15E-04 | 1.02E-05 | 2.45E-06 |
| 371389.00 | 3762182.00 | 8.52E-04 | 9.64E-06 | 2.26E-06 |
| 371409.00 | 3762182.00 | 7.89E-04 | 9.08E-06 | 2.08E-06 |
| 371429.00 | 3762182.00 | 7.31E-04 | 8.54E-06 | 1.91E-06 |
| 371449.00 | 3762182.00 | 6.76E-04 | 8.03E-06 | 1.76E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371289.00 | 3762162.00 | 1.32E-06 | 1.37E-08 | 3.61E-09 |
| 371309.00 | 3762162.00 | 1.23E-06 | 1.29E-08 | 3.33E-09 |
| 371329.00 | 3762162.00 | 1.14E-06 | 1.22E-08 | 3.06E-09 |
| 371349.00 | 3762162.00 | 1.06E-06 | 1.15E-08 | 2.81E-09 |
| 371369.00 | 3762162.00 | 9.80E-07 | 1.08E-08 | 2.57E-09 |
| 371389.00 | 3762162.00 | 9.05E-07 | 1.01E-08 | 2.36E-09 |
| 371409.00 | 3762162.00 | 8.34E-07 | 9.51E-09 | 2.15E-09 |
| 371429.00 | 3762162.00 | 7.67E-07 | 8.91E-09 | 1.96E-09 |
| 371449.00 | 3762162.00 | 7.05E-07 | 8.34E-09 | 1.79E-09 |
| 370869.00 | 3762182.00 | 4.73E-07 | 2.75E-08 | 1.66E-09 |
| 370889.00 | 3762182.00 | 5.31E-07 | 2.64E-08 | 1.88E-09 |
| 370909.00 | 3762182.00 | 6.01E-07 | 2.55E-08 | 2.15E-09 |
| 370929.00 | 3762182.00 | 6.86E-07 | 2.46E-08 | 2.47E-09 |
| 370949.00 | 3762182.00 | 7.76E-07 | 2.38E-08 | 2.80E-09 |
| 370969.00 | 3762182.00 | 8.73E-07 | 2.30E-08 | 3.15E-09 |
| 370989.00 | 3762182.00 | 9.79E-07 | 2.23E-08 | 3.51E-09 |
| 371009.00 | 3762182.00 | 1.10E-06 | 2.17E-08 | 3.90E-09 |
| 371029.00 | 3762182.00 | 1.21E-06 | 2.11E-08 | 4.20E-09 |
| 371049.00 | 3762182.00 | 1.30E-06 | 2.06E-08 | 4.46E-09 |
| 371069.00 | 3762182.00 | 1.39E-06 | 2.00E-08 | 4.67E-09 |
| 371089.00 | 3762182.00 | 1.46E-06 | 1.95E-08 | 4.81E-09 |
| 371109.00 | 3762182.00 | 1.52E-06 | 1.89E-08 | 4.89E-09 |
| 371129.00 | 3762182.00 | 1.55E-06 | 1.84E-08 | 4.90E-09 |
| 371149.00 | 3762182.00 | 1.57E-06 | 1.78E-08 | 4.85E-09 |
| 371169.00 | 3762182.00 | 1.56E-06 | 1.72E-08 | 4.73E-09 |
| 371189.00 | 3762182.00 | 1.53E-06 | 1.66E-08 | 4.58E-09 |
| 371209.00 | 3762182.00 | 1.49E-06 | 1.60E-08 | 4.39E-09 |
| 371229.00 | 3762182.00 | 1.44E-06 | 1.53E-08 | 4.18E-09 |
| 371249.00 | 3762182.00 | 1.38E-06 | 1.46E-08 | 3.95E-09 |
| 371269.00 | 3762182.00 | 1.31E-06 | 1.40E-08 | 3.71E-09 |
| 371289.00 | 3762182.00 | 1.24E-06 | 1.33E-08 | 3.47E-09 |
| 371309.00 | 3762182.00 | 1.17E-06 | 1.26E-08 | 3.24E-09 |
| 371329.00 | 3762182.00 | 1.10E-06 | 1.20E-08 | 3.00E-09 |
| 371349.00 | 3762182.00 | 1.03E-06 | 1.13E-08 | 2.78E-09 |
| 371369.00 | 3762182.00 | 9.57E-07 | 1.07E-08 | 2.56E-09 |
| 371389.00 | 3762182.00 | 8.90E-07 | 1.01E-08 | 2.37E-09 |
| 371409.00 | 3762182.00 | 8.24E-07 | 9.49E-09 | 2.17E-09 |
| 371429.00 | 3762182.00 | 7.64E-07 | 8.93E-09 | 2.00E-09 |
| 371449.00 | 3762182.00 | 7.07E-07 | 8.39E-09 | 1.83E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 370869.00 | 3762202.00 | 3.96E-04 | 2.42E-05 | 1.36E-06 |
| 370889.00 | 3762202.00 | 4.41E-04 | 2.34E-05 | 1.54E-06 |
| 370909.00 | 3762202.00 | 4.94E-04 | 2.26E-05 | 1.74E-06 |
| 370929.00 | 3762202.00 | 5.61E-04 | 2.19E-05 | 1.99E-06 |
| 370949.00 | 3762202.00 | 6.30E-04 | 2.12E-05 | 2.24E-06 |
| 370969.00 | 3762202.00 | 7.06E-04 | 2.06E-05 | 2.51E-06 |
| 370989.00 | 3762202.00 | 7.91E-04 | 2.00E-05 | 2.80E-06 |
| 371009.00 | 3762202.00 | 8.89E-04 | 1.95E-05 | 3.12E-06 |
| 371029.00 | 3762202.00 | 9.63E-04 | 1.89E-05 | 3.34E-06 |
| 371049.00 | 3762202.00 | 1.05E-03 | 1.85E-05 | 3.60E-06 |
| 371069.00 | 3762202.00 | 1.13E-03 | 1.80E-05 | 3.79E-06 |
| 371089.00 | 3762202.00 | 1.19E-03 | 1.75E-05 | 3.94E-06 |
| 371109.00 | 3762202.00 | 1.25E-03 | 1.71E-05 | 4.05E-06 |
| 371129.00 | 3762202.00 | 1.29E-03 | 1.66E-05 | 4.10E-06 |
| 371149.00 | 3762202.00 | 1.31E-03 | 1.61E-05 | 4.10E-06 |
| 371169.00 | 3762202.00 | 1.31E-03 | 1.56E-05 | 4.05E-06 |
| 371189.00 | 3762202.00 | 1.31E-03 | 1.51E-05 | 3.96E-06 |
| 371209.00 | 3762202.00 | 1.29E-03 | 1.46E-05 | 3.84E-06 |
| 371229.00 | 3762202.00 | 1.25E-03 | 1.40E-05 | 3.70E-06 |
| 371249.00 | 3762202.00 | 1.21E-03 | 1.35E-05 | 3.53E-06 |
| 371269.00 | 3762202.00 | 1.17E-03 | 1.29E-05 | 3.35E-06 |
| 371289.00 | 3762202.00 | 1.11E-03 | 1.23E-05 | 3.16E-06 |
| 371309.00 | 3762202.00 | 1.06E-03 | 1.18E-05 | 2.98E-06 |
| 371329.00 | 3762202.00 | 1.00E-03 | 1.12E-05 | 2.79E-06 |
| 371349.00 | 3762202.00 | 9.43E-04 | 1.06E-05 | 2.60E-06 |
| 371369.00 | 3762202.00 | 8.85E-04 | 1.01E-05 | 2.42E-06 |
| 371389.00 | 3762202.00 | 8.30E-04 | 9.54E-06 | 2.25E-06 |
| 371409.00 | 3762202.00 | 7.74E-04 | 9.02E-06 | 2.08E-06 |
| 371429.00 | 3762202.00 | 7.21E-04 | 8.52E-06 | 1.92E-06 |
| 371449.00 | 3762202.00 | 6.72E-04 | 8.04E-06 | 1.78E-06 |
| 370869.00 | 3762222.00 | 3.46E-04 | 2.21E-05 | 1.18E-06 |
| 370889.00 | 3762222.00 | 3.82E-04 | 2.15E-05 | 1.31E-06 |
| 370909.00 | 3762222.00 | 4.27E-04 | 2.09E-05 | 1.48E-06 |
| 370929.00 | 3762222.00 | 4.82E-04 | 2.04E-05 | 1.69E-06 |
| 370949.00 | 3762222.00 | 5.39E-04 | 1.98E-05 | 1.89E-06 |
| 370969.00 | 3762222.00 | 6.03E-04 | 1.92E-05 | 2.12E-06 |
| 370989.00 | 3762222.00 | 6.74E-04 | 1.87E-05 | 2.36E-06 |
| 371009.00 | 3762222.00 | 7.54E-04 | 1.83E-05 | 2.62E-06 |
| 371029.00 | 3762222.00 | 8.19E-04 | 1.78E-05 | 2.82E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 370869.00 | 3762202.00 | 4.13E-07 | 2.53E-08 | 1.43E-09 |
| 370889.00 | 3762202.00 | 4.60E-07 | 2.44E-08 | 1.61E-09 |
| 370909.00 | 3762202.00 | 5.16E-07 | 2.36E-08 | 1.82E-09 |
| 370929.00 | 3762202.00 | 5.86E-07 | 2.29E-08 | 2.08E-09 |
| 370949.00 | 3762202.00 | 6.59E-07 | 2.22E-08 | 2.35E-09 |
| 370969.00 | 3762202.00 | 7.38E-07 | 2.15E-08 | 2.63E-09 |
| 370989.00 | 3762202.00 | 8.27E-07 | 2.09E-08 | 2.93E-09 |
| 371009.00 | 3762202.00 | 9.29E-07 | 2.04E-08 | 3.26E-09 |
| 371029.00 | 3762202.00 | 1.01E-06 | 1.98E-08 | 3.49E-09 |
| 371049.00 | 3762202.00 | 1.10E-06 | 1.93E-08 | 3.76E-09 |
| 371069.00 | 3762202.00 | 1.18E-06 | 1.88E-08 | 3.96E-09 |
| 371089.00 | 3762202.00 | 1.25E-06 | 1.83E-08 | 4.12E-09 |
| 371109.00 | 3762202.00 | 1.30E-06 | 1.79E-08 | 4.23E-09 |
| 371129.00 | 3762202.00 | 1.35E-06 | 1.74E-08 | 4.29E-09 |
| 371149.00 | 3762202.00 | 1.37E-06 | 1.69E-08 | 4.29E-09 |
| 371169.00 | 3762202.00 | 1.37E-06 | 1.63E-08 | 4.23E-09 |
| 371189.00 | 3762202.00 | 1.36E-06 | 1.58E-08 | 4.14E-09 |
| 371209.00 | 3762202.00 | 1.34E-06 | 1.52E-08 | 4.01E-09 |
| 371229.00 | 3762202.00 | 1.31E-06 | 1.47E-08 | 3.87E-09 |
| 371249.00 | 3762202.00 | 1.27E-06 | 1.41E-08 | 3.68E-09 |
| 371269.00 | 3762202.00 | 1.22E-06 | 1.35E-08 | 3.50E-09 |
| 371289.00 | 3762202.00 | 1.16E-06 | 1.29E-08 | 3.30E-09 |
| 371309.00 | 3762202.00 | 1.11E-06 | 1.23E-08 | 3.11E-09 |
| 371329.00 | 3762202.00 | 1.05E-06 | 1.17E-08 | 2.91E-09 |
| 371349.00 | 3762202.00 | 9.85E-07 | 1.11E-08 | 2.72E-09 |
| 371369.00 | 3762202.00 | 9.25E-07 | 1.05E-08 | 2.53E-09 |
| 371389.00 | 3762202.00 | 8.67E-07 | 9.97E-09 | 2.35E-09 |
| 371409.00 | 3762202.00 | 8.09E-07 | 9.43E-09 | 2.17E-09 |
| 371429.00 | 3762202.00 | 7.54E-07 | 8.90E-09 | 2.01E-09 |
| 371449.00 | 3762202.00 | 7.02E-07 | 8.40E-09 | 1.86E-09 |
| 370869.00 | 3762222.00 | 3.61E-07 | 2.31E-08 | 1.23E-09 |
| 370889.00 | 3762222.00 | 4.00E-07 | 2.25E-08 | 1.37E-09 |
| 370909.00 | 3762222.00 | 4.46E-07 | 2.19E-08 | 1.55E-09 |
| 370929.00 | 3762222.00 | 5.04E-07 | 2.13E-08 | 1.76E-09 |
| 370949.00 | 3762222.00 | 5.63E-07 | 2.07E-08 | 1.98E-09 |
| 370969.00 | 3762222.00 | 6.31E-07 | 2.01E-08 | 2.22E-09 |
| 370989.00 | 3762222.00 | 7.04E-07 | 1.96E-08 | 2.47E-09 |
| 371009.00 | 3762222.00 | 7.88E-07 | 1.91E-08 | 2.74E-09 |
| 371029.00 | 3762222.00 | 8.56E-07 | 1.86E-08 | 2.95E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371049.00 | 3762222.00 | 8.94E-04 | 1.74E-05 | 3.05E-06 |
| 371069.00 | 3762222.00 | 9.64E-04 | 1.69E-05 | 3.24E-06 |
| 371089.00 | 3762222.00 | 1.02E-03 | 1.65E-05 | 3.38E-06 |
| 371109.00 | 3762222.00 | 1.08E-03 | 1.61E-05 | 3.50E-06 |
| 371129.00 | 3762222.00 | 1.12E-03 | 1.57E-05 | 3.59E-06 |
| 371149.00 | 3762222.00 | 1.15E-03 | 1.53E-05 | 3.62E-06 |
| 371169.00 | 3762222.00 | 1.16E-03 | 1.48E-05 | 3.61E-06 |
| 371189.00 | 3762222.00 | 1.16E-03 | 1.44E-05 | 3.56E-06 |
| 371209.00 | 3762222.00 | 1.15E-03 | 1.39E-05 | 3.49E-06 |
| 371229.00 | 3762222.00 | 1.14E-03 | 1.34E-05 | 3.40E-06 |
| 371249.00 | 3762222.00 | 1.11E-03 | 1.29E-05 | 3.27E-06 |
| 371269.00 | 3762222.00 | 1.07E-03 | 1.24E-05 | 3.13E-06 |
| 371289.00 | 3762222.00 | 1.04E-03 | 1.19E-05 | 2.99E-06 |
| 371309.00 | 3762222.00 | 9.94E-04 | 1.14E-05 | 2.84E-06 |
| 371329.00 | 3762222.00 | 9.47E-04 | 1.09E-05 | 2.68E-06 |
| 371349.00 | 3762222.00 | 8.99E-04 | 1.04E-05 | 2.52E-06 |
| 371369.00 | 3762222.00 | 8.50E-04 | 9.89E-06 | 2.36E-06 |
| 371389.00 | 3762222.00 | 8.03E-04 | 9.41E-06 | 2.21E-06 |
| 371409.00 | 3762222.00 | 7.54E-04 | 8.93E-06 | 2.06E-06 |
| 371429.00 | 3762222.00 | 7.07E-04 | 8.46E-06 | 1.91E-06 |
| 371449.00 | 3762222.00 | 6.62E-04 | 8.01E-06 | 1.78E-06 |
| 370869.00 | 3762242.00 | 3.09E-04 | 2.03E-05 | 1.04E-06 |
| 370889.00 | 3762242.00 | 3.40E-04 | 1.98E-05 | 1.16E-06 |
| 370909.00 | 3762242.00 | 3.77E-04 | 1.93E-05 | 1.29E-06 |
| 370929.00 | 3762242.00 | 4.21E-04 | 1.89E-05 | 1.45E-06 |
| 370949.00 | 3762242.00 | 4.68E-04 | 1.84E-05 | 1.62E-06 |
| 370969.00 | 3762242.00 | 5.21E-04 | 1.80E-05 | 1.81E-06 |
| 370989.00 | 3762242.00 | 5.80E-04 | 1.75E-05 | 2.01E-06 |
| 371009.00 | 3762242.00 | 6.46E-04 | 1.71E-05 | 2.23E-06 |
| 371029.00 | 3762242.00 | 7.04E-04 | 1.67E-05 | 2.41E-06 |
| 371049.00 | 3762242.00 | 7.69E-04 | 1.63E-05 | 2.61E-06 |
| 371069.00 | 3762242.00 | 8.30E-04 | 1.60E-05 | 2.78E-06 |
| 371089.00 | 3762242.00 | 8.85E-04 | 1.56E-05 | 2.93E-06 |
| 371109.00 | 3762242.00 | 9.31E-04 | 1.52E-05 | 3.04E-06 |
| 371129.00 | 3762242.00 | 9.74E-04 | 1.49E-05 | 3.14E-06 |
| 371149.00 | 3762242.00 | 1.00E-03 | 1.45E-05 | 3.19E-06 |
| 371169.00 | 3762242.00 | 1.02E-03 | 1.41E-05 | 3.20E-06 |
| 371189.00 | 3762242.00 | 1.03E-03 | 1.37E-05 | 3.20E-06 |
| 371209.00 | 3762242.00 | 1.03E-03 | 1.33E-05 | 3.16E-06 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371049.00 | 3762222.00 | 9.34E-07 | 1.82E-08 | 3.18E-09 |
| 371069.00 | 3762222.00 | 1.01E-06 | 1.77E-08 | 3.38E-09 |
| 371089.00 | 3762222.00 | 1.07E-06 | 1.73E-08 | 3.54E-09 |
| 371109.00 | 3762222.00 | 1.12E-06 | 1.68E-08 | 3.66E-09 |
| 371129.00 | 3762222.00 | 1.17E-06 | 1.64E-08 | 3.75E-09 |
| 371149.00 | 3762222.00 | 1.20E-06 | 1.60E-08 | 3.78E-09 |
| 371169.00 | 3762222.00 | 1.21E-06 | 1.55E-08 | 3.77E-09 |
| 371189.00 | 3762222.00 | 1.22E-06 | 1.50E-08 | 3.73E-09 |
| 371209.00 | 3762222.00 | 1.21E-06 | 1.45E-08 | 3.65E-09 |
| 371229.00 | 3762222.00 | 1.19E-06 | 1.40E-08 | 3.55E-09 |
| 371249.00 | 3762222.00 | 1.16E-06 | 1.35E-08 | 3.42E-09 |
| 371269.00 | 3762222.00 | 1.12E-06 | 1.30E-08 | 3.28E-09 |
| 371289.00 | 3762222.00 | 1.08E-06 | 1.25E-08 | 3.12E-09 |
| 371309.00 | 3762222.00 | 1.04E-06 | 1.19E-08 | 2.96E-09 |
| 371329.00 | 3762222.00 | 9.90E-07 | 1.14E-08 | 2.80E-09 |
| 371349.00 | 3762222.00 | 9.40E-07 | 1.09E-08 | 2.63E-09 |
| 371369.00 | 3762222.00 | 8.89E-07 | 1.03E-08 | 2.47E-09 |
| 371389.00 | 3762222.00 | 8.39E-07 | 9.83E-09 | 2.31E-09 |
| 371409.00 | 3762222.00 | 7.88E-07 | 9.33E-09 | 2.15E-09 |
| 371429.00 | 3762222.00 | 7.39E-07 | 8.84E-09 | 2.00E-09 |
| 371449.00 | 3762222.00 | 6.92E-07 | 8.37E-09 | 1.86E-09 |
| 370869.00 | 3762242.00 | 3.23E-07 | 2.12E-08 | 1.09E-09 |
| 370889.00 | 3762242.00 | 3.56E-07 | 2.07E-08 | 1.21E-09 |
| 370909.00 | 3762242.00 | 3.94E-07 | 2.02E-08 | 1.35E-09 |
| 370929.00 | 3762242.00 | 4.40E-07 | 1.97E-08 | 1.52E-09 |
| 370949.00 | 3762242.00 | 4.89E-07 | 1.92E-08 | 1.69E-09 |
| 370969.00 | 3762242.00 | 5.44E-07 | 1.88E-08 | 1.89E-09 |
| 370989.00 | 3762242.00 | 6.06E-07 | 1.83E-08 | 2.10E-09 |
| 371009.00 | 3762242.00 | 6.75E-07 | 1.79E-08 | 2.33E-09 |
| 371029.00 | 3762242.00 | 7.36E-07 | 1.75E-08 | 2.52E-09 |
| 371049.00 | 3762242.00 | 8.04E-07 | 1.71E-08 | 2.73E-09 |
| 371069.00 | 3762242.00 | 8.67E-07 | 1.67E-08 | 2.91E-09 |
| 371089.00 | 3762242.00 | 9.25E-07 | 1.63E-08 | 3.06E-09 |
| 371109.00 | 3762242.00 | 9.73E-07 | 1.59E-08 | 3.18E-09 |
| 371129.00 | 3762242.00 | 1.02E-06 | 1.55E-08 | 3.28E-09 |
| 371149.00 | 3762242.00 | 1.05E-06 | 1.51E-08 | 3.34E-09 |
| 371169.00 | 3762242.00 | 1.07E-06 | 1.47E-08 | 3.35E-09 |
| 371189.00 | 3762242.00 | 1.08E-06 | 1.43E-08 | 3.34E-09 |
| 371209.00 | 3762242.00 | 1.08E-06 | 1.39E-08 | 3.30E-09 |

**CONCENTRATIONS**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | Project Concentrations (ug/m$^3$) | | |
| 371229.00 | 3762242.00 | 1.03E-03 | 1.28E-05 | 3.10E-06 |
| 371249.00 | 3762242.00 | 1.01E-03 | 1.24E-05 | 3.01E-06 |
| 371269.00 | 3762242.00 | 9.87E-04 | 1.20E-05 | 2.91E-06 |
| 371289.00 | 3762242.00 | 9.58E-04 | 1.15E-05 | 2.80E-06 |
| 371309.00 | 3762242.00 | 9.27E-04 | 1.11E-05 | 2.68E-06 |
| 371329.00 | 3762242.00 | 8.90E-04 | 1.06E-05 | 2.55E-06 |
| 371349.00 | 3762242.00 | 8.51E-04 | 1.01E-05 | 2.42E-06 |
| 371369.00 | 3762242.00 | 8.11E-04 | 9.69E-06 | 2.28E-06 |
| 371389.00 | 3762242.00 | 7.71E-04 | 9.24E-06 | 2.15E-06 |
| 371409.00 | 3762242.00 | 7.29E-04 | 8.80E-06 | 2.02E-06 |
| 371429.00 | 3762242.00 | 6.88E-04 | 8.37E-06 | 1.89E-06 |
| 371449.00 | 3762242.00 | 6.48E-04 | 7.96E-06 | 1.77E-06 |
| 370868.00 | 3761881.00 | 2.55E-02 | 1.34E-04 | 2.89E-04 |
| 370873.00 | 3761881.00 | 3.00E-02 | 1.37E-04 | 3.84E-04 |
| 370878.00 | 3761881.00 | 3.54E-02 | 1.40E-04 | 5.16E-04 |
| 370883.00 | 3761881.00 | 4.22E-02 | 1.44E-04 | 6.77E-04 |
| 370888.00 | 3761881.00 | 5.02E-02 | 1.48E-04 | 8.13E-04 |
| 370868.00 | 3761886.00 | 2.26E-02 | 1.25E-04 | 2.37E-04 |
| 370873.00 | 3761886.00 | 2.64E-02 | 1.27E-04 | 3.08E-04 |
| 370878.00 | 3761886.00 | 3.10E-02 | 1.30E-04 | 4.07E-04 |
| 370883.00 | 3761886.00 | 3.66E-02 | 1.32E-04 | 5.36E-04 |
| 370888.00 | 3761886.00 | 4.34E-02 | 1.35E-04 | 6.73E-04 |
| 370868.00 | 3761891.00 | 2.00E-02 | 1.18E-04 | 1.93E-04 |
| Spatial Average | | 2.82E-02 | 1.22E-04 | 3.54E-04 |

**0<2 Dose**

| Receptor | | Offroad | Haul | Idle |
|---|---|---|---|---|
| X | Y | 0-2 Year Dose (mg/kg-day) | | |
| 371229.00 | 3762242.00 | 1.07E-06 | 1.34E-08 | 3.24E-09 |
| 371249.00 | 3762242.00 | 1.05E-06 | 1.30E-08 | 3.15E-09 |
| 371269.00 | 3762242.00 | 1.03E-06 | 1.25E-08 | 3.04E-09 |
| 371289.00 | 3762242.00 | 1.00E-06 | 1.20E-08 | 2.93E-09 |
| 371309.00 | 3762242.00 | 9.69E-07 | 1.16E-08 | 2.80E-09 |
| 371329.00 | 3762242.00 | 9.31E-07 | 1.11E-08 | 2.67E-09 |
| 371349.00 | 3762242.00 | 8.90E-07 | 1.06E-08 | 2.53E-09 |
| 371369.00 | 3762242.00 | 8.48E-07 | 1.01E-08 | 2.39E-09 |
| 371389.00 | 3762242.00 | 8.06E-07 | 9.66E-09 | 2.25E-09 |
| 371409.00 | 3762242.00 | 7.62E-07 | 9.20E-09 | 2.11E-09 |
| 371429.00 | 3762242.00 | 7.19E-07 | 8.75E-09 | 1.98E-09 |
| 371449.00 | 3762242.00 | 6.77E-07 | 8.32E-09 | 1.85E-09 |
| 370868.00 | 3761881.00 | 2.67E-05 | 1.40E-07 | 3.02E-07 |
| 370873.00 | 3761881.00 | 3.13E-05 | 1.43E-07 | 4.01E-07 |
| 370878.00 | 3761881.00 | 3.70E-05 | 1.47E-07 | 5.40E-07 |
| 370883.00 | 3761881.00 | 4.41E-05 | 1.50E-07 | 7.08E-07 |
| 370888.00 | 3761881.00 | 5.24E-05 | 1.54E-07 | 8.49E-07 |
| 370868.00 | 3761886.00 | 2.37E-05 | 1.31E-07 | 2.47E-07 |
| 370873.00 | 3761886.00 | 2.76E-05 | 1.33E-07 | 3.22E-07 |
| 370878.00 | 3761886.00 | 3.24E-05 | 1.35E-07 | 4.25E-07 |
| 370883.00 | 3761886.00 | 3.83E-05 | 1.38E-07 | 5.60E-07 |
| 370888.00 | 3761886.00 | 4.54E-05 | 1.41E-07 | 7.03E-07 |
| 370868.00 | 3761891.00 | 2.09E-05 | 1.23E-07 | 2.01E-07 |
| Spatial Average | | 2.95E-05 | 1.28E-07 | 3.70E-07 |

**Cancer Risk Calculations**

| Parameter | | Age Bins | |
|---|---|---|---|
| | | 3rd Trimester | 0 < 2 |
| DBR | Daily Breathing Rate (L/kg (body weight) per day) | 361 | 1090 |
| A | Inhalation absorption factor (default = 1). | 1 | 1 |
| EF | Exposure Frequency (days/year) | 0.96 | 0.96 |
| ED | Exposure Duration (years) | 0.25 | 1.91 |
| FAH | Fraction of Time at Home | 1.00 | 1.00 |
| AT | Averaged Exposure Time Period (years) | 70 | 70 |
| ASF | Age Sensitvity Factor | 10 | 10 |
| CF | Conversion Factor | 1.00E-06 | 1.00E-06 |
| **DOSE** | **Dose= [CONC × DBR × A × EF × CF] (mg/kg-day)** | | |
| CPF | Cancer Potency Factor $(mg/kg\text{-}day)^{-1}$ (DPM) | 1.1 | 1.1 |
| Cancer Conversion Factor | 1,000,000 | | |
| **RISK** | **Cancer Risk (in one million) =[[ DOSE × CPF × ASF x FAH x ED]/ AT]*1,000,000** | | |

| Receptor | | 3rd Trimester | 0 < 2 | 3rd Trimester | 0 < 2 | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| X | Y | Dose (mg/kg-day) | | Cancer Risk (in one million) | | |
| 370837.00 | 3761841.00 | 2.63E-06 | 1.75E-05 | 1.03E-01 | 5.26E+00 | 5.36E+00 |
| 370842.00 | 3761841.00 | 3.04E-06 | 2.03E-05 | 1.19E-01 | 6.09E+00 | 6.20E+00 |
| 370847.00 | 3761841.00 | 3.54E-06 | 2.37E-05 | 1.39E-01 | 7.09E+00 | 7.23E+00 |
| 370852.00 | 3761841.00 | 4.17E-06 | 2.79E-05 | 1.64E-01 | 8.35E+00 | 8.51E+00 |
| 370857.00 | 3761841.00 | 4.94E-06 | 3.30E-05 | 1.94E-01 | 9.88E+00 | 1.01E+01 |
| 370817.00 | 3761846.00 | 1.60E-06 | 1.06E-05 | 6.28E-02 | 3.17E+00 | 3.23E+00 |
| 370832.00 | 3761846.00 | 2.27E-06 | 1.51E-05 | 8.90E-02 | 4.53E+00 | 4.62E+00 |
| 370837.00 | 3761846.00 | 2.59E-06 | 1.73E-05 | 1.02E-01 | 5.19E+00 | 5.29E+00 |
| 370842.00 | 3761846.00 | 2.99E-06 | 2.00E-05 | 1.18E-01 | 6.00E+00 | 6.12E+00 |
| 370847.00 | 3761846.00 | 3.49E-06 | 2.34E-05 | 1.37E-01 | 7.00E+00 | 7.14E+00 |
| 370852.00 | 3761846.00 | 4.11E-06 | 2.75E-05 | 1.62E-01 | 8.24E+00 | 8.40E+00 |
| 370857.00 | 3761846.00 | 4.88E-06 | 3.26E-05 | 1.92E-01 | 9.77E+00 | 9.96E+00 |
| 370862.00 | 3761846.00 | 5.80E-06 | 3.87E-05 | 2.28E-01 | 1.16E+01 | 1.18E+01 |
| 370797.00 | 3761851.00 | 1.07E-06 | 6.97E-06 | 4.20E-02 | 2.09E+00 | 2.13E+00 |
| 370802.00 | 3761851.00 | 1.17E-06 | 7.64E-06 | 4.58E-02 | 2.29E+00 | 2.33E+00 |
| 370807.00 | 3761851.00 | 1.28E-06 | 8.41E-06 | 5.02E-02 | 2.52E+00 | 2.57E+00 |
| 370812.00 | 3761851.00 | 1.41E-06 | 9.30E-06 | 5.53E-02 | 2.79E+00 | 2.84E+00 |
| 370817.00 | 3761851.00 | 1.56E-06 | 1.03E-05 | 6.13E-02 | 3.10E+00 | 3.16E+00 |
| 370837.00 | 3761851.00 | 2.52E-06 | 1.69E-05 | 9.92E-02 | 5.05E+00 | 5.15E+00 |
| 370842.00 | 3761851.00 | 2.91E-06 | 1.95E-05 | 1.14E-01 | 5.83E+00 | 5.95E+00 |
| 370847.00 | 3761851.00 | 3.39E-06 | 2.27E-05 | 1.33E-01 | 6.80E+00 | 6.93E+00 |
| 370852.00 | 3761851.00 | 3.98E-06 | 2.66E-05 | 1.56E-01 | 7.98E+00 | 8.14E+00 |
| 370857.00 | 3761851.00 | 4.71E-06 | 3.15E-05 | 1.85E-01 | 9.45E+00 | 9.63E+00 |
| 370862.00 | 3761851.00 | 5.60E-06 | 3.74E-05 | 2.20E-01 | 1.12E+01 | 1.14E+01 |
| 370777.00 | 3761856.00 | 7.75E-07 | 4.92E-06 | 3.04E-02 | 1.47E+00 | 1.51E+00 |
| 370782.00 | 3761856.00 | 8.29E-07 | 5.30E-06 | 3.26E-02 | 1.59E+00 | 1.62E+00 |
| 370787.00 | 3761856.00 | 8.90E-07 | 5.74E-06 | 3.50E-02 | 1.72E+00 | 1.75E+00 |
| 370792.00 | 3761856.00 | 9.61E-07 | 6.23E-06 | 3.77E-02 | 1.87E+00 | 1.90E+00 |
| 370797.00 | 3761856.00 | 1.04E-06 | 6.79E-06 | 4.09E-02 | 2.03E+00 | 2.08E+00 |
| 370802.00 | 3761856.00 | 1.13E-06 | 7.43E-06 | 4.46E-02 | 2.23E+00 | 2.27E+00 |

**Residential Receptors**

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) | |
|---|---|---|---|---|---|---|
| 3708373761841 | 370837 | 3761841 | RESIDENT | 5.36 | 15.8 | - |
| 3708423761841 | 370842 | 3761841 | RESIDENT | 6.20 | | - |
| 3708473761841 | 370847 | 3761841 | RESIDENT | 7.23 | | - |
| 3708523761841 | 370852 | 3761841 | RESIDENT | 8.51 | | - |
| 3708573761841 | 370857 | 3761841 | RESIDENT | 10.08 | | - |
| 3708173761846 | 370817 | 3761846 | RESIDENT | 3.23 | | - |
| 3708323761846 | 370832 | 3761846 | RESIDENT | 4.62 | | - |
| 3708373761846 | 370837 | 3761846 | RESIDENT | 5.29 | | - |
| 3708423761846 | 370842 | 3761846 | RESIDENT | 6.12 | | - |
| 3708473761846 | 370847 | 3761846 | RESIDENT | 7.14 | | - |
| 3708523761846 | 370852 | 3761846 | RESIDENT | 8.40 | | - |
| 3708573761846 | 370857 | 3761846 | RESIDENT | 9.96 | | - |
| 3708623761846 | 370862 | 3761846 | RESIDENT | 11.83 | | - |
| 3707973761851 | 370797 | 3761851 | RESIDENT | 2.13 | | - |
| 3708023761851 | 370802 | 3761851 | RESIDENT | 2.33 | | - |
| 3708073761851 | 370807 | 3761851 | RESIDENT | 2.57 | | - |
| 3708123761851 | 370812 | 3761851 | RESIDENT | 2.84 | | - |
| 3708173761851 | 370817 | 3761851 | RESIDENT | 3.16 | | - |
| 3708373761851 | 370837 | 3761851 | RESIDENT | 5.15 | | - |
| 3708423761851 | 370842 | 3761851 | RESIDENT | 5.95 | | - |
| 3708473761851 | 370847 | 3761851 | RESIDENT | 6.93 | | - |
| 3708523761851 | 370852 | 3761851 | RESIDENT | 8.14 | | - |
| 3708573761851 | 370857 | 3761851 | RESIDENT | 9.63 | | - |
| 3708623761851 | 370862 | 3761851 | RESIDENT | 11.44 | | - |
| 3707773761856 | 370777 | 3761856 | RESIDENT | 1.51 | | - |
| 3707823761856 | 370782 | 3761856 | RESIDENT | 1.62 | | - |
| 3707873761856 | 370787 | 3761856 | RESIDENT | 1.75 | | - |
| 3707923761856 | 370792 | 3761856 | RESIDENT | 1.90 | | - |
| 3707973761856 | 370797 | 3761856 | RESIDENT | 2.08 | | - |
| 3708023761856 | 370802 | 3761856 | RESIDENT | 2.27 | | - |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |
| 9.2 |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) | XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) | Spatial Average at Max Receptor Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 370807.00 | 3761856.00 | 1.24E-06 | 8.17E-06 | 4.88E-02 | 2.45E+00 | 2.50E+00 | 3708073761856 | 370807 | 3761856 | RESIDENT | 2.50 | - | |
| 370812.00 | 3761856.00 | 1.37E-06 | 9.03E-06 | 5.37E-02 | 2.71E+00 | 2.76E+00 | 3708123761856 | 370812 | 3761856 | RESIDENT | 2.76 | - | |
| 370817.00 | 3761856.00 | 1.51E-06 | 1.00E-05 | 5.95E-02 | 3.01E+00 | 3.07E+00 | 3708173761856 | 370817 | 3761856 | RESIDENT | 3.07 | - | |
| 370822.00 | 3761856.00 | 1.69E-06 | 1.12E-05 | 6.62E-02 | 3.36E+00 | 3.42E+00 | 3708223761856 | 370822 | 3761856 | RESIDENT | 3.42 | - | |
| 370837.00 | 3761856.00 | 2.43E-06 | 1.62E-05 | 9.54E-02 | 4.87E+00 | 4.96E+00 | 3708373761856 | 370837 | 3761856 | RESIDENT | 4.96 | - | |
| 370842.00 | 3761856.00 | 2.79E-06 | 1.87E-05 | 1.10E-01 | 5.60E+00 | 5.71E+00 | 3708423761856 | 370842 | 3761856 | RESIDENT | 5.71 | - | |
| 370847.00 | 3761856.00 | 3.24E-06 | 2.17E-05 | 1.27E-01 | 6.50E+00 | 6.63E+00 | 3708473761856 | 370847 | 3761856 | RESIDENT | 6.63 | - | |
| 370852.00 | 3761856.00 | 3.79E-06 | 2.54E-05 | 1.49E-01 | 7.61E+00 | 7.76E+00 | 3708523761856 | 370852 | 3761856 | RESIDENT | 7.76 | - | |
| 370857.00 | 3761856.00 | 4.47E-06 | 3.00E-05 | 1.76E-01 | 8.98E+00 | 9.15E+00 | 3708573761856 | 370857 | 3761856 | RESIDENT | 9.15 | - | |
| 370862.00 | 3761856.00 | 5.31E-06 | 3.55E-05 | 2.09E-01 | 1.06E+01 | 1.08E+01 | 3708623761856 | 370862 | 3761856 | RESIDENT | 10.85 | - | |
| 370867.00 | 3761856.00 | 6.30E-06 | 4.21E-05 | 2.48E-01 | 1.26E+01 | 1.29E+01 | 3708673761856 | 370867 | 3761856 | RESIDENT | 12.86 | - | |
| 370757.00 | 3761861.00 | 6.01E-07 | 3.67E-06 | 2.36E-02 | 1.10E+00 | 1.12E+00 | 3707573761861 | 370757 | 3761861 | RESIDENT | 1.12 | - | |
| 370762.00 | 3761861.00 | 6.32E-07 | 3.91E-06 | 2.48E-02 | 1.17E+00 | 1.20E+00 | 3707623761861 | 370762 | 3761861 | RESIDENT | 1.20 | - | |
| 370767.00 | 3761861.00 | 6.68E-07 | 4.17E-06 | 2.62E-02 | 1.25E+00 | 1.28E+00 | 3707673761861 | 370767 | 3761861 | RESIDENT | 1.28 | - | |
| 370772.00 | 3761861.00 | 7.08E-07 | 4.46E-06 | 2.78E-02 | 1.34E+00 | 1.36E+00 | 3707723761861 | 370772 | 3761861 | RESIDENT | 1.36 | - | |
| 370777.00 | 3761861.00 | 7.53E-07 | 4.79E-06 | 2.96E-02 | 1.43E+00 | 1.46E+00 | 3707773761861 | 370777 | 3761861 | RESIDENT | 1.46 | - | |
| 370782.00 | 3761861.00 | 8.05E-07 | 5.15E-06 | 3.16E-02 | 1.54E+00 | 1.58E+00 | 3707823761861 | 370782 | 3761861 | RESIDENT | 1.58 | - | |
| 370787.00 | 3761861.00 | 8.64E-07 | 5.57E-06 | 3.40E-02 | 1.67E+00 | 1.70E+00 | 3707873761861 | 370787 | 3761861 | RESIDENT | 1.70 | - | |
| 370792.00 | 3761861.00 | 9.32E-07 | 6.04E-06 | 3.66E-02 | 1.81E+00 | 1.85E+00 | 3707923761861 | 370792 | 3761861 | RESIDENT | 1.85 | - | |
| 370797.00 | 3761861.00 | 1.01E-06 | 6.58E-06 | 3.96E-02 | 1.97E+00 | 2.01E+00 | 3707973761861 | 370797 | 3761861 | RESIDENT | 2.01 | - | |
| 370802.00 | 3761861.00 | 1.10E-06 | 7.19E-06 | 4.31E-02 | 2.16E+00 | 2.20E+00 | 3708023761861 | 370802 | 3761861 | RESIDENT | 2.20 | - | |
| 370807.00 | 3761861.00 | 1.20E-06 | 7.90E-06 | 4.71E-02 | 2.37E+00 | 2.41E+00 | 3708073761861 | 370807 | 3761861 | RESIDENT | 2.41 | - | |
| 370812.00 | 3761861.00 | 1.32E-06 | 8.71E-06 | 5.18E-02 | 2.61E+00 | 2.66E+00 | 3708123761861 | 370812 | 3761861 | RESIDENT | 2.66 | - | |
| 370817.00 | 3761861.00 | 1.46E-06 | 9.66E-06 | 5.73E-02 | 2.89E+00 | 2.95E+00 | 3708173761861 | 370817 | 3761861 | RESIDENT | 2.95 | - | |
| 370822.00 | 3761861.00 | 1.62E-06 | 1.08E-05 | 6.37E-02 | 3.23E+00 | 3.29E+00 | 3708223761861 | 370822 | 3761861 | RESIDENT | 3.29 | - | |
| 370842.00 | 3761861.00 | 2.65E-06 | 1.77E-05 | 1.04E-01 | 5.31E+00 | 5.42E+00 | 3708423761861 | 370842 | 3761861 | RESIDENT | 5.42 | - | |
| 370847.00 | 3761861.00 | 3.06E-06 | 2.05E-05 | 1.20E-01 | 6.15E+00 | 6.27E+00 | 3708473761861 | 370847 | 3761861 | RESIDENT | 6.27 | - | |
| 370852.00 | 3761861.00 | 3.57E-06 | 2.39E-05 | 1.40E-01 | 7.17E+00 | 7.31E+00 | 3708523761861 | 370852 | 3761861 | RESIDENT | 7.31 | - | |
| 370857.00 | 3761861.00 | 4.19E-06 | 2.81E-05 | 1.64E-01 | 8.41E+00 | 8.57E+00 | 3708573761861 | 370857 | 3761861 | RESIDENT | 8.57 | - | |
| 370862.00 | 3761861.00 | 4.95E-06 | 3.31E-05 | 1.95E-01 | 9.93E+00 | 1.01E+01 | 3708623761861 | 370862 | 3761861 | RESIDENT | 10.13 | - | |
| 370867.00 | 3761861.00 | 5.88E-06 | 3.93E-05 | 2.31E-01 | 1.18E+01 | 1.20E+01 | 3708673761861 | 370867 | 3761861 | RESIDENT | 12.01 | - | |
| 370872.00 | 3761861.00 | 6.98E-06 | 4.65E-05 | 2.74E-01 | 1.39E+01 | 1.42E+01 | 3708723761861 | 370872 | 3761861 | RESIDENT | 14.22 | - | |
| 370757.00 | 3761866.00 | 5.83E-07 | 3.57E-06 | 2.29E-02 | 1.07E+00 | 1.09E+00 | 3707573761866 | 370757 | 3761866 | RESIDENT | 1.09 | - | |
| 370762.00 | 3761866.00 | 6.13E-07 | 3.79E-06 | 2.41E-02 | 1.14E+00 | 1.16E+00 | 3707623761866 | 370762 | 3761866 | RESIDENT | 1.16 | - | |
| 370767.00 | 3761866.00 | 6.47E-07 | 4.04E-06 | 2.54E-02 | 1.21E+00 | 1.24E+00 | 3707673761866 | 370767 | 3761866 | RESIDENT | 1.24 | - | |
| 370772.00 | 3761866.00 | 6.86E-07 | 4.32E-06 | 2.69E-02 | 1.30E+00 | 1.32E+00 | 3707723761866 | 370772 | 3761866 | RESIDENT | 1.32 | - | |
| 370777.00 | 3761866.00 | 7.29E-07 | 4.64E-06 | 2.87E-02 | 1.39E+00 | 1.42E+00 | 3707773761866 | 370777 | 3761866 | RESIDENT | 1.42 | - | |
| 370782.00 | 3761866.00 | 7.79E-07 | 4.99E-06 | 3.06E-02 | 1.50E+00 | 1.53E+00 | 3707823761866 | 370782 | 3761866 | RESIDENT | 1.53 | - | |
| 370787.00 | 3761866.00 | 8.35E-07 | 5.39E-06 | 3.28E-02 | 1.61E+00 | 1.65E+00 | 3707873761866 | 370787 | 3761866 | RESIDENT | 1.65 | - | |
| 370792.00 | 3761866.00 | 8.99E-07 | 5.83E-06 | 3.53E-02 | 1.75E+00 | 1.78E+00 | 3707923761866 | 370792 | 3761866 | RESIDENT | 1.78 | - | |
| 370797.00 | 3761866.00 | 9.73E-07 | 6.34E-06 | 3.82E-02 | 1.90E+00 | 1.94E+00 | 3707973761866 | 370797 | 3761866 | RESIDENT | 1.94 | - | |
| 370802.00 | 3761866.00 | 1.06E-06 | 6.92E-06 | 4.15E-02 | 2.07E+00 | 2.12E+00 | 3708023761866 | 370802 | 3761866 | RESIDENT | 2.12 | - | |
| 370807.00 | 3761866.00 | 1.15E-06 | 7.59E-06 | 4.53E-02 | 2.27E+00 | 2.32E+00 | 3708073761866 | 370807 | 3761866 | RESIDENT | 2.32 | - | |
| 370812.00 | 3761866.00 | 1.26E-06 | 8.36E-06 | 4.97E-02 | 2.50E+00 | 2.55E+00 | 3708123761866 | 370812 | 3761866 | RESIDENT | 2.55 | - | |
| 370817.00 | 3761866.00 | 1.39E-06 | 9.25E-06 | 5.48E-02 | 2.77E+00 | 2.83E+00 | 3708173761866 | 370817 | 3761866 | RESIDENT | 2.83 | - | |
| 370822.00 | 3761866.00 | 1.55E-06 | 1.03E-05 | 6.08E-02 | 3.08E+00 | 3.14E+00 | 3708223761866 | 370822 | 3761866 | RESIDENT | 3.14 | - | |
| 370842.00 | 3761866.00 | 2.49E-06 | 1.67E-05 | 9.78E-02 | 5.00E+00 | 5.10E+00 | 3708423761866 | 370842 | 3761866 | RESIDENT | 5.10 | - | |
| 370847.00 | 3761866.00 | 2.86E-06 | 1.92E-05 | 1.12E-01 | 5.75E+00 | 5.86E+00 | 3708473761866 | 370847 | 3761866 | RESIDENT | 5.86 | - | |
| 370852.00 | 3761866.00 | 3.32E-06 | 2.23E-05 | 1.30E-01 | 6.67E+00 | 6.80E+00 | 3708523761866 | 370852 | 3761866 | RESIDENT | 6.80 | - | |
| 370857.00 | 3761866.00 | 3.87E-06 | 2.60E-05 | 1.52E-01 | 7.79E+00 | 7.94E+00 | 3708573761866 | 370857 | 3761866 | RESIDENT | 7.94 | - | |
| 370862.00 | 3761866.00 | 4.56E-06 | 3.05E-05 | 1.79E-01 | 9.15E+00 | 9.33E+00 | 3708623761866 | 370862 | 3761866 | RESIDENT | 9.33 | - | |
| 370867.00 | 3761866.00 | 5.40E-06 | 3.61E-05 | 2.12E-01 | 1.08E+01 | 1.10E+01 | 3708673761866 | 370867 | 3761866 | RESIDENT | 11.04 | - | |
| 370872.00 | 3761866.00 | 6.43E-06 | 4.29E-05 | 2.53E-01 | 1.29E+01 | 1.31E+01 | 3708723761866 | 370872 | 3761866 | RESIDENT | 13.11 | - | |
| 370757.00 | 3761871.00 | 5.65E-07 | 3.46E-06 | 2.22E-02 | 1.04E+00 | 1.06E+00 | 3707573761871 | 370757 | 3761871 | RESIDENT | 1.06 | - | |
| 370762.00 | 3761871.00 | 5.94E-07 | 3.68E-06 | 2.33E-02 | 1.10E+00 | 1.12E+00 | 3707623761871 | 370762 | 3761871 | RESIDENT | 1.12 | - | |
| 370767.00 | 3761871.00 | 6.26E-07 | 3.91E-06 | 2.46E-02 | 1.17E+00 | 1.20E+00 | 3707673761871 | 370767 | 3761871 | RESIDENT | 1.20 | - | |
| 370772.00 | 3761871.00 | 6.63E-07 | 4.18E-06 | 2.60E-02 | 1.25E+00 | 1.28E+00 | 3707723761871 | 370772 | 3761871 | RESIDENT | 1.28 | - | |
| 370777.00 | 3761871.00 | 7.04E-07 | 4.48E-06 | 2.77E-02 | 1.34E+00 | 1.37E+00 | 3707773761871 | 370777 | 3761871 | RESIDENT | 1.37 | - | |
| 370782.00 | 3761871.00 | 7.51E-07 | 4.81E-06 | 2.95E-02 | 1.44E+00 | 1.47E+00 | 3707823761871 | 370782 | 3761871 | RESIDENT | 1.47 | - | |
| 370787.00 | 3761871.00 | 8.05E-07 | 5.19E-06 | 3.16E-02 | 1.55E+00 | 1.59E+00 | 3707873761871 | 370787 | 3761871 | RESIDENT | 1.59 | - | |
| 370792.00 | 3761871.00 | 8.65E-07 | 5.61E-06 | 3.40E-02 | 1.68E+00 | 1.72E+00 | 3707923761871 | 370792 | 3761871 | RESIDENT | 1.72 | - | |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) | XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 370797.00 | 3761871.00 | 9.34E-07 | 6.09E-06 | 3.67E-02 | 1.83E+00 | 1.86E+00 | 3707973761871 | 370797 | 3761871 | RESIDENT | 1.86 | | - |
| 370802.00 | 3761871.00 | 1.01E-06 | 6.64E-06 | 3.98E-02 | 1.99E+00 | 2.03E+00 | 3708023761871 | 370802 | 3761871 | RESIDENT | 2.03 | | - |
| 370807.00 | 3761871.00 | 1.10E-06 | 7.26E-06 | 4.33E-02 | 2.18E+00 | 2.22E+00 | 3708073761871 | 370807 | 3761871 | RESIDENT | 2.22 | | - |
| 370812.00 | 3761871.00 | 1.21E-06 | 7.97E-06 | 4.74E-02 | 2.39E+00 | 2.44E+00 | 3708123761871 | 370812 | 3761871 | RESIDENT | 2.44 | | - |
| 370817.00 | 3761871.00 | 1.33E-06 | 8.80E-06 | 5.21E-02 | 2.64E+00 | 2.69E+00 | 3708173761871 | 370817 | 3761871 | RESIDENT | 2.69 | | - |
| 370822.00 | 3761871.00 | 1.47E-06 | 9.76E-06 | 5.77E-02 | 2.92E+00 | 2.98E+00 | 3708223761871 | 370822 | 3761871 | RESIDENT | 2.98 | | - |
| 370827.00 | 3761871.00 | 1.63E-06 | 1.09E-05 | 6.41E-02 | 3.26E+00 | 3.32E+00 | 3708273761871 | 370827 | 3761871 | RESIDENT | 3.32 | | - |
| 370847.00 | 3761871.00 | 2.66E-06 | 1.78E-05 | 1.04E-01 | 5.34E+00 | 5.44E+00 | 3708473761871 | 370847 | 3761871 | RESIDENT | 5.44 | | - |
| 370852.00 | 3761871.00 | 3.06E-06 | 2.05E-05 | 1.20E-01 | 6.15E+00 | 6.27E+00 | 3708523761871 | 370852 | 3761871 | RESIDENT | 6.27 | | - |
| 370857.00 | 3761871.00 | 3.55E-06 | 2.38E-05 | 1.39E-01 | 7.14E+00 | 7.28E+00 | 3708573761871 | 370857 | 3761871 | RESIDENT | 7.28 | | - |
| 370862.00 | 3761871.00 | 4.15E-06 | 2.78E-05 | 1.63E-01 | 8.35E+00 | 8.51E+00 | 3708623761871 | 370862 | 3761871 | RESIDENT | 8.51 | | - |
| 370867.00 | 3761871.00 | 4.90E-06 | 3.28E-05 | 1.92E-01 | 9.83E+00 | 1.00E+01 | 3708673761871 | 370867 | 3761871 | RESIDENT | 10.02 | | - |
| 370872.00 | 3761871.00 | 5.82E-06 | 3.89E-05 | 2.29E-01 | 1.16E+01 | 1.19E+01 | 3708723761871 | 370872 | 3761871 | RESIDENT | 11.88 | | - |
| 370877.00 | 3761871.00 | 6.94E-06 | 4.63E-05 | 2.73E-01 | 1.39E+01 | 1.41E+01 | 3708773761871 | 370877 | 3761871 | RESIDENT | 14.15 | | - |
| 370757.00 | 3761876.00 | 5.46E-07 | 3.35E-06 | 2.15E-02 | 1.00E+00 | 1.02E+00 | 3707573761876 | 370757 | 3761876 | RESIDENT | 1.02 | | - |
| 370762.00 | 3761876.00 | 5.74E-07 | 3.55E-06 | 2.25E-02 | 1.06E+00 | 1.09E+00 | 3707623761876 | 370762 | 3761876 | RESIDENT | 1.09 | | - |
| 370767.00 | 3761876.00 | 6.04E-07 | 3.78E-06 | 2.37E-02 | 1.13E+00 | 1.16E+00 | 3707673761876 | 370767 | 3761876 | RESIDENT | 1.16 | | - |
| 370772.00 | 3761876.00 | 6.39E-07 | 4.03E-06 | 2.51E-02 | 1.21E+00 | 1.23E+00 | 3707723761876 | 370772 | 3761876 | RESIDENT | 1.23 | | - |
| 370777.00 | 3761876.00 | 6.78E-07 | 4.31E-06 | 2.66E-02 | 1.29E+00 | 1.32E+00 | 3707773761876 | 370777 | 3761876 | RESIDENT | 1.32 | | - |
| 370782.00 | 3761876.00 | 7.23E-07 | 4.63E-06 | 2.84E-02 | 1.39E+00 | 1.42E+00 | 3707823761876 | 370782 | 3761876 | RESIDENT | 1.42 | | - |
| 370787.00 | 3761876.00 | 7.73E-07 | 4.98E-06 | 3.04E-02 | 1.49E+00 | 1.52E+00 | 3707873761876 | 370787 | 3761876 | RESIDENT | 1.52 | | - |
| 370792.00 | 3761876.00 | 8.30E-07 | 5.38E-06 | 3.26E-02 | 1.61E+00 | 1.64E+00 | 3707923761876 | 370792 | 3761876 | RESIDENT | 1.64 | | - |
| 370797.00 | 3761876.00 | 8.94E-07 | 5.83E-06 | 3.51E-02 | 1.75E+00 | 1.78E+00 | 3707973761876 | 370797 | 3761876 | RESIDENT | 1.78 | | - |
| 370802.00 | 3761876.00 | 9.67E-07 | 6.34E-06 | 3.80E-02 | 1.90E+00 | 1.94E+00 | 3708023761876 | 370802 | 3761876 | RESIDENT | 1.94 | | - |
| 370807.00 | 3761876.00 | 1.05E-06 | 6.91E-06 | 4.13E-02 | 2.07E+00 | 2.11E+00 | 3708073761876 | 370807 | 3761876 | RESIDENT | 2.11 | | - |
| 370812.00 | 3761876.00 | 1.15E-06 | 7.57E-06 | 4.51E-02 | 2.27E+00 | 2.31E+00 | 3708123761876 | 370812 | 3761876 | RESIDENT | 2.31 | | - |
| 370817.00 | 3761876.00 | 1.26E-06 | 8.33E-06 | 4.94E-02 | 2.50E+00 | 2.55E+00 | 3708173761876 | 370817 | 3761876 | RESIDENT | 2.55 | | - |
| 370822.00 | 3761876.00 | 1.39E-06 | 9.21E-06 | 5.44E-02 | 2.76E+00 | 2.81E+00 | 3708223761876 | 370822 | 3761876 | RESIDENT | 2.81 | | - |
| 370827.00 | 3761876.00 | 1.53E-06 | 1.02E-05 | 6.03E-02 | 3.06E+00 | 3.12E+00 | 3708273761876 | 370827 | 3761876 | RESIDENT | 3.12 | | - |
| 370847.00 | 3761876.00 | 2.45E-06 | 1.64E-05 | 9.61E-02 | 4.92E+00 | 5.02E+00 | 3708473761876 | 370847 | 3761876 | RESIDENT | 5.02 | | - |
| 370852.00 | 3761876.00 | 2.80E-06 | 1.88E-05 | 1.10E-01 | 5.63E+00 | 5.74E+00 | 3708523761876 | 370852 | 3761876 | RESIDENT | 5.74 | | - |
| 370857.00 | 3761876.00 | 3.23E-06 | 2.17E-05 | 1.27E-01 | 6.50E+00 | 6.62E+00 | 3708573761876 | 370857 | 3761876 | RESIDENT | 6.62 | | - |
| 370862.00 | 3761876.00 | 3.75E-06 | 2.52E-05 | 1.47E-01 | 7.55E+00 | 7.70E+00 | 3708623761876 | 370862 | 3761876 | RESIDENT | 7.70 | | - |
| 370867.00 | 3761876.00 | 4.40E-06 | 2.95E-05 | 1.73E-01 | 8.83E+00 | 9.01E+00 | 3708673761876 | 370867 | 3761876 | RESIDENT | 9.01 | | - |
| 370872.00 | 3761876.00 | 5.20E-06 | 3.48E-05 | 2.04E-01 | 1.04E+01 | 1.06E+01 | 3708723761876 | 370872 | 3761876 | RESIDENT | 10.63 | | - |
| 370877.00 | 3761876.00 | 6.19E-06 | 4.13E-05 | 2.43E-01 | 1.24E+01 | 1.26E+01 | 3708773761876 | 370877 | 3761876 | RESIDENT | 12.63 | | - |
| 370882.00 | 3761876.00 | 7.40E-06 | 4.93E-05 | 2.91E-01 | 1.48E+01 | 1.51E+01 | 3708823761876 | 370882 | 3761876 | RESIDENT | 15.08 | | - |
| 370757.00 | 3761881.00 | 5.27E-07 | 3.23E-06 | 2.07E-02 | 9.68E-01 | 9.89E-01 | 3707573761881 | 370757 | 3761881 | RESIDENT | 0.99 | | - |
| 370762.00 | 3761881.00 | 5.53E-07 | 3.43E-06 | 2.17E-02 | 1.03E+00 | 1.05E+00 | 3707623761881 | 370762 | 3761881 | RESIDENT | 1.05 | | - |
| 370767.00 | 3761881.00 | 5.82E-07 | 3.64E-06 | 2.29E-02 | 1.09E+00 | 1.11E+00 | 3707673761881 | 370767 | 3761881 | RESIDENT | 1.11 | | - |
| 370772.00 | 3761881.00 | 6.15E-07 | 3.88E-06 | 2.42E-02 | 1.16E+00 | 1.19E+00 | 3707723761881 | 370772 | 3761881 | RESIDENT | 1.19 | | - |
| 370777.00 | 3761881.00 | 6.52E-07 | 4.14E-06 | 2.56E-02 | 1.24E+00 | 1.27E+00 | 3707773761881 | 370777 | 3761881 | RESIDENT | 1.27 | | - |
| 370782.00 | 3761881.00 | 6.93E-07 | 4.44E-06 | 2.72E-02 | 1.33E+00 | 1.36E+00 | 3707823761881 | 370782 | 3761881 | RESIDENT | 1.36 | | - |
| 370787.00 | 3761881.00 | 7.40E-07 | 4.77E-06 | 2.91E-02 | 1.43E+00 | 1.46E+00 | 3707873761881 | 370787 | 3761881 | RESIDENT | 1.46 | | - |
| 370792.00 | 3761881.00 | 7.93E-07 | 5.14E-06 | 3.12E-02 | 1.54E+00 | 1.57E+00 | 3707923761881 | 370792 | 3761881 | RESIDENT | 1.57 | | - |
| 370797.00 | 3761881.00 | 8.53E-07 | 5.56E-06 | 3.35E-02 | 1.67E+00 | 1.70E+00 | 3707973761881 | 370797 | 3761881 | RESIDENT | 1.70 | | - |
| 370802.00 | 3761881.00 | 9.20E-07 | 6.03E-06 | 3.62E-02 | 1.81E+00 | 1.84E+00 | 3708023761881 | 370802 | 3761881 | RESIDENT | 1.84 | | - |
| 370807.00 | 3761881.00 | 9.97E-07 | 6.56E-06 | 3.92E-02 | 1.97E+00 | 2.00E+00 | 3708073761881 | 370807 | 3761881 | RESIDENT | 2.00 | | - |
| 370812.00 | 3761881.00 | 1.09E-06 | 7.16E-06 | 4.26E-02 | 2.15E+00 | 2.19E+00 | 3708123761881 | 370812 | 3761881 | RESIDENT | 2.19 | | - |
| 370817.00 | 3761881.00 | 1.19E-06 | 7.86E-06 | 4.66E-02 | 2.35E+00 | 2.40E+00 | 3708173761881 | 370817 | 3761881 | RESIDENT | 2.40 | | - |
| 370822.00 | 3761881.00 | 1.30E-06 | 8.65E-06 | 5.12E-02 | 2.59E+00 | 2.64E+00 | 3708223761881 | 370822 | 3761881 | RESIDENT | 2.64 | | - |
| 370827.00 | 3761881.00 | 1.44E-06 | 9.57E-06 | 5.65E-02 | 2.87E+00 | 2.92E+00 | 3708273761881 | 370827 | 3761881 | RESIDENT | 2.92 | | - |
| 370832.00 | 3761881.00 | 1.59E-06 | 1.06E-05 | 6.26E-02 | 3.19E+00 | 3.25E+00 | 3708323761881 | 370832 | 3761881 | RESIDENT | 3.25 | | - |
| 370852.00 | 3761881.00 | 2.55E-06 | 1.71E-05 | 1.00E-01 | 5.13E+00 | 5.23E+00 | 3708523761881 | 370852 | 3761881 | RESIDENT | 5.23 | | - |
| 370857.00 | 3761881.00 | 2.92E-06 | 1.96E-05 | 1.15E-01 | 5.87E+00 | 5.99E+00 | 3708573761881 | 370857 | 3761881 | RESIDENT | 5.99 | | - |
| 370862.00 | 3761881.00 | 3.37E-06 | 2.26E-05 | 1.32E-01 | 6.78E+00 | 6.92E+00 | 3708623761881 | 370862 | 3761881 | RESIDENT | 6.92 | | - |
| 370867.00 | 3761881.00 | 3.92E-06 | 2.63E-05 | 1.54E-01 | 7.88E+00 | 8.04E+00 | 3708673761881 | 370867 | 3761881 | RESIDENT | 8.04 | | - |
| 370872.00 | 3761881.00 | 4.60E-06 | 3.08E-05 | 1.81E-01 | 9.24E+00 | 9.42E+00 | 3708723761881 | 370872 | 3761881 | RESIDENT | 9.42 | | - |
| 370877.00 | 3761881.00 | 5.45E-06 | 3.65E-05 | 2.14E-01 | 1.09E+01 | 1.11E+01 | 3708773761881 | 370877 | 3761881 | RESIDENT | 11.14 | | - |
| 370882.00 | 3761881.00 | 6.50E-06 | 4.34E-05 | 2.55E-01 | 1.30E+01 | 1.33E+01 | 3708823761881 | 370882 | 3761881 | RESIDENT | 13.26 | | - |
| 370887.00 | 3761881.00 | 7.74E-06 | 5.17E-05 | 3.04E-01 | 1.55E+01 | 1.58E+01 | 3708873761881 | 370887 | 3761881 | RESIDENT | 15.78 | | Max Here |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) | XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 370757.00 | 3761886.00 | 5.08E-07 | 3.11E-06 | 2.00E-02 | 9.33E-01 | 9.53E-01 | 3707573761886 | 370757 | 3761886 | RESIDENT | 0.95 | - |
| 370762.00 | 3761886.00 | 5.32E-07 | 3.30E-06 | 2.09E-02 | 9.88E-01 | 1.01E+00 | 3707623761886 | 370762 | 3761886 | RESIDENT | 1.01 | - |
| 370767.00 | 3761886.00 | 5.60E-07 | 3.50E-06 | 2.20E-02 | 1.05E+00 | 1.07E+00 | 3707673761886 | 370767 | 3761886 | RESIDENT | 1.07 | - |
| 370772.00 | 3761886.00 | 5.90E-07 | 3.72E-06 | 2.32E-02 | 1.12E+00 | 1.14E+00 | 3707723761886 | 370772 | 3761886 | RESIDENT | 1.14 | - |
| 370777.00 | 3761886.00 | 6.25E-07 | 3.97E-06 | 2.45E-02 | 1.19E+00 | 1.21E+00 | 3707773761886 | 370777 | 3761886 | RESIDENT | 1.21 | - |
| 370782.00 | 3761886.00 | 6.64E-07 | 4.25E-06 | 2.61E-02 | 1.27E+00 | 1.30E+00 | 3707823761886 | 370782 | 3761886 | RESIDENT | 1.30 | - |
| 370787.00 | 3761886.00 | 7.07E-07 | 4.55E-06 | 2.78E-02 | 1.36E+00 | 1.39E+00 | 3707873761886 | 370787 | 3761886 | RESIDENT | 1.39 | - |
| 370792.00 | 3761886.00 | 7.56E-07 | 4.90E-06 | 2.97E-02 | 1.47E+00 | 1.50E+00 | 3707923761886 | 370792 | 3761886 | RESIDENT | 1.50 | - |
| 370797.00 | 3761886.00 | 8.11E-07 | 5.28E-06 | 3.19E-02 | 1.58E+00 | 1.61E+00 | 3707973761886 | 370797 | 3761886 | RESIDENT | 1.61 | - |
| 370802.00 | 3761886.00 | 8.73E-07 | 5.71E-06 | 3.43E-02 | 1.71E+00 | 1.75E+00 | 3708023761886 | 370802 | 3761886 | RESIDENT | 1.75 | - |
| 370807.00 | 3761886.00 | 9.44E-07 | 6.20E-06 | 3.71E-02 | 1.86E+00 | 1.90E+00 | 3708073761886 | 370807 | 3761886 | RESIDENT | 1.90 | - |
| 370812.00 | 3761886.00 | 1.02E-06 | 6.75E-06 | 4.02E-02 | 2.02E+00 | 2.06E+00 | 3708123761886 | 370812 | 3761886 | RESIDENT | 2.06 | - |
| 370817.00 | 3761886.00 | 1.12E-06 | 7.38E-06 | 4.38E-02 | 2.21E+00 | 2.26E+00 | 3708173761886 | 370817 | 3761886 | RESIDENT | 2.26 | - |
| 370822.00 | 3761886.00 | 1.22E-06 | 8.10E-06 | 4.79E-02 | 2.43E+00 | 2.48E+00 | 3708223761886 | 370822 | 3761886 | RESIDENT | 2.48 | - |
| 370827.00 | 3761886.00 | 1.34E-06 | 8.92E-06 | 5.27E-02 | 2.67E+00 | 2.73E+00 | 3708273761886 | 370827 | 3761886 | RESIDENT | 2.73 | - |
| 370832.00 | 3761886.00 | 1.48E-06 | 9.87E-06 | 5.81E-02 | 2.96E+00 | 3.02E+00 | 3708323761886 | 370832 | 3761886 | RESIDENT | 3.02 | - |
| 370837.00 | 3761886.00 | 1.64E-06 | 1.10E-05 | 6.44E-02 | 3.29E+00 | 3.35E+00 | 3708373761886 | 370837 | 3761886 | RESIDENT | 3.35 | - |
| 370857.00 | 3761886.00 | 2.63E-06 | 1.77E-05 | 1.03E-01 | 5.29E+00 | 5.39E+00 | 3708573761886 | 370857 | 3761886 | RESIDENT | 5.39 | - |
| 370862.00 | 3761886.00 | 3.01E-06 | 2.02E-05 | 1.18E-01 | 6.06E+00 | 6.18E+00 | 3708623761886 | 370862 | 3761886 | RESIDENT | 6.18 | - |
| 370867.00 | 3761886.00 | 3.47E-06 | 2.34E-05 | 1.36E-01 | 7.00E+00 | 7.13E+00 | 3708673761886 | 370867 | 3761886 | RESIDENT | 7.13 | - |
| 370872.00 | 3761886.00 | 4.04E-06 | 2.72E-05 | 1.59E-01 | 8.14E+00 | 8.30E+00 | 3708723761886 | 370872 | 3761886 | RESIDENT | 8.30 | - |
| 370877.00 | 3761886.00 | 4.75E-06 | 3.19E-05 | 1.87E-01 | 9.55E+00 | 9.73E+00 | 3708773761886 | 370877 | 3761886 | RESIDENT | 9.73 | - |
| 370882.00 | 3761886.00 | 5.63E-06 | 3.77E-05 | 2.21E-01 | 1.13E+01 | 1.15E+01 | 3708823761886 | 370882 | 3761886 | RESIDENT | 11.51 | - |
| 370887.00 | 3761886.00 | 6.69E-06 | 4.47E-05 | 2.63E-01 | 1.34E+01 | 1.37E+01 | 3708873761886 | 370887 | 3761886 | RESIDENT | 13.66 | - |
| 370762.00 | 3761891.00 | 5.11E-07 | 3.17E-06 | 2.01E-02 | 9.49E-01 | 9.69E-01 | 3707623761891 | 370762 | 3761891 | RESIDENT | 0.97 | - |
| 370767.00 | 3761891.00 | 5.37E-07 | 3.36E-06 | 2.11E-02 | 1.01E+00 | 1.03E+00 | 3707673761891 | 370767 | 3761891 | RESIDENT | 1.03 | - |
| 370772.00 | 3761891.00 | 5.66E-07 | 3.57E-06 | 2.22E-02 | 1.07E+00 | 1.09E+00 | 3707723761891 | 370772 | 3761891 | RESIDENT | 1.09 | - |
| 370777.00 | 3761891.00 | 5.98E-07 | 3.80E-06 | 2.35E-02 | 1.14E+00 | 1.16E+00 | 3707773761891 | 370777 | 3761891 | RESIDENT | 1.16 | - |
| 370782.00 | 3761891.00 | 6.34E-07 | 4.05E-06 | 2.49E-02 | 1.21E+00 | 1.24E+00 | 3707823761891 | 370782 | 3761891 | RESIDENT | 1.24 | - |
| 370787.00 | 3761891.00 | 6.74E-07 | 4.34E-06 | 2.65E-02 | 1.30E+00 | 1.33E+00 | 3707873761891 | 370787 | 3761891 | RESIDENT | 1.33 | - |
| 370792.00 | 3761891.00 | 7.19E-07 | 4.66E-06 | 2.83E-02 | 1.39E+00 | 1.42E+00 | 3707923761891 | 370792 | 3761891 | RESIDENT | 1.42 | - |
| 370797.00 | 3761891.00 | 7.70E-07 | 5.01E-06 | 3.02E-02 | 1.50E+00 | 1.53E+00 | 3707973761891 | 370797 | 3761891 | RESIDENT | 1.53 | - |
| 370802.00 | 3761891.00 | 8.27E-07 | 5.40E-06 | 3.25E-02 | 1.62E+00 | 1.65E+00 | 3708023761891 | 370802 | 3761891 | RESIDENT | 1.65 | - |
| 370807.00 | 3761891.00 | 8.91E-07 | 5.85E-06 | 3.50E-02 | 1.75E+00 | 1.79E+00 | 3708073761891 | 370807 | 3761891 | RESIDENT | 1.79 | - |
| 370812.00 | 3761891.00 | 9.63E-07 | 6.35E-06 | 3.78E-02 | 1.90E+00 | 1.94E+00 | 3708123761891 | 370812 | 3761891 | RESIDENT | 1.94 | - |
| 370817.00 | 3761891.00 | 1.05E-06 | 6.92E-06 | 4.11E-02 | 2.07E+00 | 2.11E+00 | 3708173761891 | 370817 | 3761891 | RESIDENT | 2.11 | - |
| 370822.00 | 3761891.00 | 1.14E-06 | 7.56E-06 | 4.48E-02 | 2.27E+00 | 2.31E+00 | 3708223761891 | 370822 | 3761891 | RESIDENT | 2.31 | - |
| 370827.00 | 3761891.00 | 1.25E-06 | 8.29E-06 | 4.90E-02 | 2.49E+00 | 2.53E+00 | 3708273761891 | 370827 | 3761891 | RESIDENT | 2.53 | - |
| 370832.00 | 3761891.00 | 1.37E-06 | 9.13E-06 | 5.38E-02 | 2.74E+00 | 2.79E+00 | 3708323761891 | 370832 | 3761891 | RESIDENT | 2.79 | - |
| 370837.00 | 3761891.00 | 1.51E-06 | 1.01E-05 | 5.94E-02 | 3.03E+00 | 3.09E+00 | 3708373761891 | 370837 | 3761891 | RESIDENT | 3.09 | - |
| 370842.00 | 3761891.00 | 1.68E-06 | 1.12E-05 | 6.58E-02 | 3.36E+00 | 3.43E+00 | 3708423761891 | 370842 | 3761891 | RESIDENT | 3.43 | - |
| 370857.00 | 3761891.00 | 2.36E-06 | 1.58E-05 | 9.26E-02 | 4.75E+00 | 4.84E+00 | 3708573761891 | 370857 | 3761891 | RESIDENT | 4.84 | - |
| 370862.00 | 3761891.00 | 2.68E-06 | 1.80E-05 | 1.05E-01 | 5.40E+00 | 5.50E+00 | 3708623761891 | 370862 | 3761891 | RESIDENT | 5.50 | - |
| 370867.00 | 3761891.00 | 3.07E-06 | 2.06E-05 | 1.21E-01 | 6.19E+00 | 6.31E+00 | 3708673761891 | 370867 | 3761891 | RESIDENT | 6.31 | - |
| 370872.00 | 3761891.00 | 3.54E-06 | 2.38E-05 | 1.39E-01 | 7.14E+00 | 7.28E+00 | 3708723761891 | 370872 | 3761891 | RESIDENT | 7.28 | - |
| 370877.00 | 3761891.00 | 4.12E-06 | 2.77E-05 | 1.62E-01 | 8.30E+00 | 8.46E+00 | 3708773761891 | 370877 | 3761891 | RESIDENT | 8.46 | - |
| 370882.00 | 3761891.00 | 4.84E-06 | 3.25E-05 | 1.90E-01 | 9.73E+00 | 9.92E+00 | 3708823761891 | 370882 | 3761891 | RESIDENT | 9.92 | - |
| 370887.00 | 3761891.00 | 5.71E-06 | 3.83E-05 | 2.24E-01 | 1.15E+01 | 1.17E+01 | 3708873761891 | 370887 | 3761891 | RESIDENT | 11.69 | - |
| 370892.00 | 3761891.00 | 6.73E-06 | 4.51E-05 | 2.64E-01 | 1.35E+01 | 1.38E+01 | 3708923761891 | 370892 | 3761891 | RESIDENT | 13.78 | - |
| 370762.00 | 3761896.00 | 4.91E-07 | 3.04E-06 | 1.93E-02 | 9.10E-01 | 9.29E-01 | 3707623761896 | 370762 | 3761896 | RESIDENT | 0.93 | - |
| 370767.00 | 3761896.00 | 5.15E-07 | 3.21E-06 | 2.02E-02 | 9.63E-01 | 9.83E-01 | 3707673761896 | 370767 | 3761896 | RESIDENT | 0.98 | - |
| 370772.00 | 3761896.00 | 5.41E-07 | 3.41E-06 | 2.13E-02 | 1.02E+00 | 1.04E+00 | 3707723761896 | 370772 | 3761896 | RESIDENT | 1.04 | - |
| 370777.00 | 3761896.00 | 5.71E-07 | 3.62E-06 | 2.24E-02 | 1.09E+00 | 1.11E+00 | 3707773761896 | 370777 | 3761896 | RESIDENT | 1.11 | - |
| 370782.00 | 3761896.00 | 6.04E-07 | 3.86E-06 | 2.37E-02 | 1.16E+00 | 1.18E+00 | 3707823761896 | 370782 | 3761896 | RESIDENT | 1.18 | - |
| 370787.00 | 3761896.00 | 6.41E-07 | 4.12E-06 | 2.52E-02 | 1.24E+00 | 1.26E+00 | 3707873761896 | 370787 | 3761896 | RESIDENT | 1.26 | - |
| 370792.00 | 3761896.00 | 6.83E-07 | 4.42E-06 | 2.68E-02 | 1.32E+00 | 1.35E+00 | 3707923761896 | 370792 | 3761896 | RESIDENT | 1.35 | - |
| 370797.00 | 3761896.00 | 7.29E-07 | 4.74E-06 | 2.86E-02 | 1.42E+00 | 1.45E+00 | 3707973761896 | 370797 | 3761896 | RESIDENT | 1.45 | - |
| 370802.00 | 3761896.00 | 7.81E-07 | 5.10E-06 | 3.07E-02 | 1.53E+00 | 1.56E+00 | 3708023761896 | 370802 | 3761896 | RESIDENT | 1.56 | - |
| 370807.00 | 3761896.00 | 8.39E-07 | 5.50E-06 | 3.30E-02 | 1.65E+00 | 1.68E+00 | 3708073761896 | 370807 | 3761896 | RESIDENT | 1.68 | - |
| 370812.00 | 3761896.00 | 9.04E-07 | 5.96E-06 | 3.55E-02 | 1.78E+00 | 1.82E+00 | 3708123761896 | 370812 | 3761896 | RESIDENT | 1.82 | - |
| 370817.00 | 3761896.00 | 9.78E-07 | 6.46E-06 | 3.84E-02 | 1.94E+00 | 1.98E+00 | 3708173761896 | 370817 | 3761896 | RESIDENT | 1.98 | - |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) | XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 370822.00 | 3761896.00 | 1.06E-06 | 7.04E-06 | 4.17E-02 | 2.11E+00 | 2.15E+00 | 3708223761896 | 370822 | 3761896 | RESIDENT | 2.15 | - |
| 370827.00 | 3761896.00 | 1.16E-06 | 7.69E-06 | 4.54E-02 | 2.30E+00 | 2.35E+00 | 3708273761896 | 370827 | 3761896 | RESIDENT | 2.35 | - |
| 370832.00 | 3761896.00 | 1.26E-06 | 8.43E-06 | 4.97E-02 | 2.53E+00 | 2.58E+00 | 3708323761896 | 370832 | 3761896 | RESIDENT | 2.58 | - |
| 370837.00 | 3761896.00 | 1.39E-06 | 9.28E-06 | 5.46E-02 | 2.78E+00 | 2.83E+00 | 3708373761896 | 370837 | 3761896 | RESIDENT | 2.83 | - |
| 370842.00 | 3761896.00 | 1.53E-06 | 1.03E-05 | 6.02E-02 | 3.07E+00 | 3.13E+00 | 3708423761896 | 370842 | 3761896 | RESIDENT | 3.13 | - |
| 370862.00 | 3761896.00 | 2.38E-06 | 1.60E-05 | 9.36E-02 | 4.80E+00 | 4.89E+00 | 3708623761896 | 370862 | 3761896 | RESIDENT | 4.89 | - |
| 370867.00 | 3761896.00 | 2.70E-06 | 1.82E-05 | 1.06E-01 | 5.45E+00 | 5.56E+00 | 3708673761896 | 370867 | 3761896 | RESIDENT | 5.56 | - |
| 370872.00 | 3761896.00 | 3.10E-06 | 2.09E-05 | 1.22E-01 | 6.25E+00 | 6.37E+00 | 3708723761896 | 370872 | 3761896 | RESIDENT | 6.37 | - |
| 370877.00 | 3761896.00 | 3.57E-06 | 2.40E-05 | 1.40E-01 | 7.20E+00 | 7.34E+00 | 3708773761896 | 370877 | 3761896 | RESIDENT | 7.34 | - |
| 370882.00 | 3761896.00 | 4.15E-06 | 2.79E-05 | 1.63E-01 | 8.36E+00 | 8.52E+00 | 3708823761896 | 370882 | 3761896 | RESIDENT | 8.52 | - |
| 370887.00 | 3761896.00 | 4.85E-06 | 3.26E-05 | 1.90E-01 | 9.76E+00 | 9.95E+00 | 3708873761896 | 370887 | 3761896 | RESIDENT | 9.95 | - |
| 370892.00 | 3761896.00 | 5.68E-06 | 3.82E-05 | 2.23E-01 | 1.14E+01 | 1.17E+01 | 3708923761896 | 370892 | 3761896 | RESIDENT | 11.66 | - |
| 370897.00 | 3761896.00 | 6.65E-06 | 4.46E-05 | 2.61E-01 | 1.34E+01 | 1.36E+01 | 3708973761896 | 370897 | 3761896 | RESIDENT | 13.64 | - |
| 370767.00 | 3761901.00 | 4.93E-07 | 3.07E-06 | 1.93E-02 | 9.21E-01 | 9.40E-01 | 3707673761901 | 370767 | 3761901 | RESIDENT | 0.94 | - |
| 370772.00 | 3761901.00 | 5.17E-07 | 3.25E-06 | 2.03E-02 | 9.75E-01 | 9.95E-01 | 3707723761901 | 370772 | 3761901 | RESIDENT | 1.00 | - |
| 370777.00 | 3761901.00 | 5.45E-07 | 3.45E-06 | 2.14E-02 | 1.03E+00 | 1.06E+00 | 3707773761901 | 370777 | 3761901 | RESIDENT | 1.06 | - |
| 370782.00 | 3761901.00 | 5.75E-07 | 3.67E-06 | 2.26E-02 | 1.10E+00 | 1.12E+00 | 3707823761901 | 370782 | 3761901 | RESIDENT | 1.12 | - |
| 370787.00 | 3761901.00 | 6.09E-07 | 3.91E-06 | 2.39E-02 | 1.17E+00 | 1.20E+00 | 3707873761901 | 370787 | 3761901 | RESIDENT | 1.20 | - |
| 370792.00 | 3761901.00 | 6.47E-07 | 4.18E-06 | 2.54E-02 | 1.25E+00 | 1.28E+00 | 3707923761901 | 370792 | 3761901 | RESIDENT | 1.28 | - |
| 370797.00 | 3761901.00 | 6.89E-07 | 4.48E-06 | 2.71E-02 | 1.34E+00 | 1.37E+00 | 3707973761901 | 370797 | 3761901 | RESIDENT | 1.37 | - |
| 370802.00 | 3761901.00 | 7.36E-07 | 4.80E-06 | 2.89E-02 | 1.44E+00 | 1.47E+00 | 3708023761901 | 370802 | 3761901 | RESIDENT | 1.47 | - |
| 370807.00 | 3761901.00 | 7.89E-07 | 5.17E-06 | 3.10E-02 | 1.55E+00 | 1.58E+00 | 3708073761901 | 370807 | 3761901 | RESIDENT | 1.58 | - |
| 370812.00 | 3761901.00 | 8.48E-07 | 5.58E-06 | 3.33E-02 | 1.67E+00 | 1.70E+00 | 3708123761901 | 370812 | 3761901 | RESIDENT | 1.70 | - |
| 370817.00 | 3761901.00 | 9.14E-07 | 6.03E-06 | 3.59E-02 | 1.81E+00 | 1.84E+00 | 3708173761901 | 370817 | 3761901 | RESIDENT | 1.84 | - |
| 370822.00 | 3761901.00 | 9.88E-07 | 6.54E-06 | 3.88E-02 | 1.96E+00 | 2.00E+00 | 3708223761901 | 370822 | 3761901 | RESIDENT | 2.00 | - |
| 370827.00 | 3761901.00 | 1.07E-06 | 7.12E-06 | 4.21E-02 | 2.13E+00 | 2.18E+00 | 3708273761901 | 370827 | 3761901 | RESIDENT | 2.18 | - |
| 370832.00 | 3761901.00 | 1.17E-06 | 7.77E-06 | 4.58E-02 | 2.33E+00 | 2.37E+00 | 3708323761901 | 370832 | 3761901 | RESIDENT | 2.37 | - |
| 370837.00 | 3761901.00 | 1.27E-06 | 8.51E-06 | 5.01E-02 | 2.55E+00 | 2.60E+00 | 3708373761901 | 370837 | 3761901 | RESIDENT | 2.60 | - |
| 370842.00 | 3761901.00 | 1.40E-06 | 9.35E-06 | 5.49E-02 | 2.80E+00 | 2.86E+00 | 3708423761901 | 370842 | 3761901 | RESIDENT | 2.86 | - |
| 370847.00 | 3761901.00 | 1.54E-06 | 1.03E-05 | 6.05E-02 | 3.09E+00 | 3.15E+00 | 3708473761901 | 370847 | 3761901 | RESIDENT | 3.15 | - |
| 370867.00 | 3761901.00 | 2.38E-06 | 1.61E-05 | 9.37E-02 | 4.81E+00 | 4.90E+00 | 3708673761901 | 370867 | 3761901 | RESIDENT | 4.90 | - |
| 370872.00 | 3761901.00 | 2.71E-06 | 1.82E-05 | 1.06E-01 | 5.47E+00 | 5.57E+00 | 3708723761901 | 370872 | 3761901 | RESIDENT | 5.57 | - |
| 370877.00 | 3761901.00 | 3.09E-06 | 2.08E-05 | 1.22E-01 | 6.24E+00 | 6.37E+00 | 3708773761901 | 370877 | 3761901 | RESIDENT | 6.37 | - |
| 370882.00 | 3761901.00 | 3.56E-06 | 2.40E-05 | 1.40E-01 | 7.18E+00 | 7.32E+00 | 3708823761901 | 370882 | 3761901 | RESIDENT | 7.32 | - |
| 370887.00 | 3761901.00 | 4.12E-06 | 2.77E-05 | 1.62E-01 | 8.31E+00 | 8.47E+00 | 3708873761901 | 370887 | 3761901 | RESIDENT | 8.47 | - |
| 370892.00 | 3761901.00 | 4.79E-06 | 3.22E-05 | 1.88E-01 | 9.66E+00 | 9.85E+00 | 3708923761901 | 370892 | 3761901 | RESIDENT | 9.85 | - |
| 370897.00 | 3761901.00 | 5.58E-06 | 3.76E-05 | 2.19E-01 | 1.13E+01 | 1.15E+01 | 3708973761901 | 370897 | 3761901 | RESIDENT | 11.47 | - |
| 370772.00 | 3761906.00 | 4.94E-07 | 3.10E-06 | 1.94E-02 | 9.30E-01 | 9.49E-01 | 3707723761906 | 370772 | 3761906 | RESIDENT | 0.95 | - |
| 370777.00 | 3761906.00 | 5.19E-07 | 3.29E-06 | 2.04E-02 | 9.85E-01 | 1.01E+00 | 3707773761906 | 370777 | 3761906 | RESIDENT | 1.01 | - |
| 370782.00 | 3761906.00 | 5.47E-07 | 3.49E-06 | 2.15E-02 | 1.05E+00 | 1.07E+00 | 3707823761906 | 370782 | 3761906 | RESIDENT | 1.07 | - |
| 370787.00 | 3761906.00 | 5.78E-07 | 3.71E-06 | 2.27E-02 | 1.11E+00 | 1.13E+00 | 3707873761906 | 370787 | 3761906 | RESIDENT | 1.13 | - |
| 370792.00 | 3761906.00 | 6.13E-07 | 3.95E-06 | 2.41E-02 | 1.18E+00 | 1.21E+00 | 3707923761906 | 370792 | 3761906 | RESIDENT | 1.21 | - |
| 370797.00 | 3761906.00 | 6.51E-07 | 4.22E-06 | 2.56E-02 | 1.27E+00 | 1.29E+00 | 3707973761906 | 370797 | 3761906 | RESIDENT | 1.29 | - |
| 370802.00 | 3761906.00 | 6.94E-07 | 4.52E-06 | 2.72E-02 | 1.35E+00 | 1.38E+00 | 3708023761906 | 370802 | 3761906 | RESIDENT | 1.38 | - |
| 370807.00 | 3761906.00 | 7.41E-07 | 4.85E-06 | 2.91E-02 | 1.45E+00 | 1.48E+00 | 3708073761906 | 370807 | 3761906 | RESIDENT | 1.48 | - |
| 370812.00 | 3761906.00 | 7.93E-07 | 5.21E-06 | 3.12E-02 | 1.56E+00 | 1.59E+00 | 3708123761906 | 370812 | 3761906 | RESIDENT | 1.59 | - |
| 370817.00 | 3761906.00 | 8.52E-07 | 5.62E-06 | 3.35E-02 | 1.68E+00 | 1.72E+00 | 3708173761906 | 370817 | 3761906 | RESIDENT | 1.72 | - |
| 370822.00 | 3761906.00 | 9.18E-07 | 6.07E-06 | 3.61E-02 | 1.82E+00 | 1.86E+00 | 3708223761906 | 370822 | 3761906 | RESIDENT | 1.86 | - |
| 370827.00 | 3761906.00 | 9.92E-07 | 6.58E-06 | 3.90E-02 | 1.97E+00 | 2.01E+00 | 3708273761906 | 370827 | 3761906 | RESIDENT | 2.01 | - |
| 370832.00 | 3761906.00 | 1.07E-06 | 7.15E-06 | 4.22E-02 | 2.14E+00 | 2.19E+00 | 3708323761906 | 370832 | 3761906 | RESIDENT | 2.19 | - |
| 370837.00 | 3761906.00 | 1.17E-06 | 7.80E-06 | 4.59E-02 | 2.34E+00 | 2.38E+00 | 3708373761906 | 370837 | 3761906 | RESIDENT | 2.38 | - |
| 370842.00 | 3761906.00 | 1.28E-06 | 8.53E-06 | 5.01E-02 | 2.56E+00 | 2.61E+00 | 3708423761906 | 370842 | 3761906 | RESIDENT | 2.61 | - |
| 370847.00 | 3761906.00 | 1.40E-06 | 9.36E-06 | 5.49E-02 | 2.80E+00 | 2.86E+00 | 3708473761906 | 370847 | 3761906 | RESIDENT | 2.86 | - |
| 370852.00 | 3761906.00 | 1.54E-06 | 1.03E-05 | 6.04E-02 | 3.09E+00 | 3.15E+00 | 3708523761906 | 370852 | 3761906 | RESIDENT | 3.15 | - |
| 370872.00 | 3761906.00 | 2.37E-06 | 1.60E-05 | 9.32E-02 | 4.79E+00 | 4.88E+00 | 3708723761906 | 370872 | 3761906 | RESIDENT | 4.88 | - |
| 370877.00 | 3761906.00 | 2.69E-06 | 1.81E-05 | 1.06E-01 | 5.43E+00 | 5.54E+00 | 3708773761906 | 370877 | 3761906 | RESIDENT | 5.54 | - |
| 370882.00 | 3761906.00 | 3.06E-06 | 2.07E-05 | 1.20E-01 | 6.19E+00 | 6.31E+00 | 3708823761906 | 370882 | 3761906 | RESIDENT | 6.31 | - |
| 370887.00 | 3761906.00 | 3.51E-06 | 2.37E-05 | 1.38E-01 | 7.10E+00 | 7.24E+00 | 3708873761906 | 370887 | 3761906 | RESIDENT | 7.24 | - |
| 370892.00 | 3761906.00 | 4.05E-06 | 2.73E-05 | 1.59E-01 | 8.19E+00 | 8.35E+00 | 3708923761906 | 370892 | 3761906 | RESIDENT | 8.35 | - |
| 370897.00 | 3761906.00 | 4.69E-06 | 3.16E-05 | 1.84E-01 | 9.48E+00 | 9.67E+00 | 3708973761906 | 370897 | 3761906 | RESIDENT | 9.67 | - |
| 370902.00 | 3761906.00 | 5.45E-06 | 3.68E-05 | 2.14E-01 | 1.10E+01 | 1.12E+01 | 3709023761906 | 370902 | 3761906 | RESIDENT | 11.23 | - |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) | XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 370777.00 | 3761911.00 | 4.94E-07 | 3.12E-06 | 1.94E-02 | 9.36E-01 | 9.56E-01 | 3707773761911 | 370777 | 3761911 | RESIDENT | 0.96 | - |
| 370782.00 | 3761911.00 | 5.20E-07 | 3.31E-06 | 2.04E-02 | 9.92E-01 | 1.01E+00 | 3707823761911 | 370782 | 3761911 | RESIDENT | 1.01 | - |
| 370787.00 | 3761911.00 | 5.48E-07 | 3.51E-06 | 2.15E-02 | 1.05E+00 | 1.07E+00 | 3707873761911 | 370787 | 3761911 | RESIDENT | 1.07 | - |
| 370792.00 | 3761911.00 | 5.80E-07 | 3.73E-06 | 2.28E-02 | 1.12E+00 | 1.14E+00 | 3707923761911 | 370792 | 3761911 | RESIDENT | 1.14 | - |
| 370797.00 | 3761911.00 | 6.14E-07 | 3.98E-06 | 2.41E-02 | 1.19E+00 | 1.22E+00 | 3707973761911 | 370797 | 3761911 | RESIDENT | 1.22 | - |
| 370802.00 | 3761911.00 | 6.53E-07 | 4.25E-06 | 2.56E-02 | 1.27E+00 | 1.30E+00 | 3708023761911 | 370802 | 3761911 | RESIDENT | 1.30 | - |
| 370807.00 | 3761911.00 | 6.95E-07 | 4.54E-06 | 2.73E-02 | 1.36E+00 | 1.39E+00 | 3708073761911 | 370807 | 3761911 | RESIDENT | 1.39 | - |
| 370812.00 | 3761911.00 | 7.42E-07 | 4.87E-06 | 2.92E-02 | 1.46E+00 | 1.49E+00 | 3708123761911 | 370812 | 3761911 | RESIDENT | 1.49 | - |
| 370817.00 | 3761911.00 | 7.94E-07 | 5.23E-06 | 3.12E-02 | 1.57E+00 | 1.60E+00 | 3708173761911 | 370817 | 3761911 | RESIDENT | 1.60 | - |
| 370822.00 | 3761911.00 | 8.53E-07 | 5.63E-06 | 3.35E-02 | 1.69E+00 | 1.72E+00 | 3708223761911 | 370822 | 3761911 | RESIDENT | 1.72 | - |
| 370827.00 | 3761911.00 | 9.18E-07 | 6.08E-06 | 3.61E-02 | 1.82E+00 | 1.86E+00 | 3708273761911 | 370827 | 3761911 | RESIDENT | 1.86 | - |
| 370832.00 | 3761911.00 | 9.90E-07 | 6.58E-06 | 3.89E-02 | 1.97E+00 | 2.01E+00 | 3708323761911 | 370832 | 3761911 | RESIDENT | 2.01 | - |
| 370837.00 | 3761911.00 | 1.07E-06 | 7.14E-06 | 4.21E-02 | 2.14E+00 | 2.18E+00 | 3708373761911 | 370837 | 3761911 | RESIDENT | 2.18 | - |
| 370842.00 | 3761911.00 | 1.16E-06 | 7.78E-06 | 4.57E-02 | 2.33E+00 | 2.38E+00 | 3708423761911 | 370842 | 3761911 | RESIDENT | 2.38 | - |
| 370847.00 | 3761911.00 | 1.27E-06 | 8.49E-06 | 4.99E-02 | 2.54E+00 | 2.59E+00 | 3708473761911 | 370847 | 3761911 | RESIDENT | 2.59 | - |
| 370852.00 | 3761911.00 | 1.39E-06 | 9.31E-06 | 5.45E-02 | 2.79E+00 | 2.84E+00 | 3708523761911 | 370852 | 3761911 | RESIDENT | 2.84 | - |
| 370857.00 | 3761911.00 | 1.53E-06 | 1.02E-05 | 5.99E-02 | 3.07E+00 | 3.13E+00 | 3708573761911 | 370857 | 3761911 | RESIDENT | 3.13 | - |
| 370872.00 | 3761911.00 | 2.08E-06 | 1.40E-05 | 8.19E-02 | 4.21E+00 | 4.29E+00 | 3708723761911 | 370872 | 3761911 | RESIDENT | 4.29 | - |
| 370877.00 | 3761911.00 | 2.34E-06 | 1.58E-05 | 9.21E-02 | 4.73E+00 | 4.82E+00 | 3708773761911 | 370877 | 3761911 | RESIDENT | 4.82 | - |
| 370882.00 | 3761911.00 | 2.65E-06 | 1.79E-05 | 1.04E-01 | 5.36E+00 | 5.46E+00 | 3708823761911 | 370882 | 3761911 | RESIDENT | 5.46 | - |
| 370887.00 | 3761911.00 | 3.02E-06 | 2.04E-05 | 1.19E-01 | 6.10E+00 | 6.22E+00 | 3708873761911 | 370887 | 3761911 | RESIDENT | 6.22 | - |
| 370892.00 | 3761911.00 | 3.45E-06 | 2.33E-05 | 1.36E-01 | 6.98E+00 | 7.11E+00 | 3708923761911 | 370892 | 3761911 | RESIDENT | 7.11 | - |
| 370897.00 | 3761911.00 | 3.97E-06 | 2.68E-05 | 1.56E-01 | 8.03E+00 | 8.18E+00 | 3708973761911 | 370897 | 3761911 | RESIDENT | 8.18 | - |
| 370902.00 | 3761911.00 | 4.58E-06 | 3.10E-05 | 1.80E-01 | 9.27E+00 | 9.45E+00 | 3709023761911 | 370902 | 3761911 | RESIDENT | 9.45 | - |
| 370907.00 | 3761911.00 | 5.30E-06 | 3.59E-05 | 2.08E-01 | 1.08E+01 | 1.10E+01 | 3709073761911 | 370907 | 3761911 | RESIDENT | 10.97 | - |
| 370777.00 | 3761916.00 | 4.70E-07 | 2.97E-06 | 1.85E-02 | 8.89E-01 | 9.08E-01 | 3707773761916 | 370777 | 3761916 | RESIDENT | 0.91 | - |
| 370782.00 | 3761916.00 | 4.94E-07 | 3.14E-06 | 1.94E-02 | 9.40E-01 | 9.59E-01 | 3707823761916 | 370782 | 3761916 | RESIDENT | 0.96 | - |
| 370787.00 | 3761916.00 | 5.19E-07 | 3.32E-06 | 2.04E-02 | 9.96E-01 | 1.02E+00 | 3707873761916 | 370787 | 3761916 | RESIDENT | 1.02 | - |
| 370792.00 | 3761916.00 | 5.48E-07 | 3.52E-06 | 2.15E-02 | 1.06E+00 | 1.08E+00 | 3707923761916 | 370792 | 3761916 | RESIDENT | 1.08 | - |
| 370797.00 | 3761916.00 | 5.79E-07 | 3.75E-06 | 2.28E-02 | 1.12E+00 | 1.15E+00 | 3707973761916 | 370797 | 3761916 | RESIDENT | 1.15 | - |
| 370802.00 | 3761916.00 | 6.14E-07 | 3.99E-06 | 2.41E-02 | 1.19E+00 | 1.22E+00 | 3708023761916 | 370802 | 3761916 | RESIDENT | 1.22 | - |
| 370807.00 | 3761916.00 | 6.52E-07 | 4.25E-06 | 2.56E-02 | 1.27E+00 | 1.30E+00 | 3708073761916 | 370807 | 3761916 | RESIDENT | 1.30 | - |
| 370812.00 | 3761916.00 | 6.94E-07 | 4.55E-06 | 2.73E-02 | 1.36E+00 | 1.39E+00 | 3708123761916 | 370812 | 3761916 | RESIDENT | 1.39 | - |
| 370817.00 | 3761916.00 | 7.40E-07 | 4.87E-06 | 2.91E-02 | 1.46E+00 | 1.49E+00 | 3708173761916 | 370817 | 3761916 | RESIDENT | 1.49 | - |
| 370822.00 | 3761916.00 | 7.92E-07 | 5.23E-06 | 3.11E-02 | 1.57E+00 | 1.60E+00 | 3708223761916 | 370822 | 3761916 | RESIDENT | 1.60 | - |
| 370827.00 | 3761916.00 | 8.49E-07 | 5.62E-06 | 3.34E-02 | 1.68E+00 | 1.72E+00 | 3708273761916 | 370827 | 3761916 | RESIDENT | 1.72 | - |
| 370832.00 | 3761916.00 | 9.13E-07 | 6.06E-06 | 3.59E-02 | 1.82E+00 | 1.85E+00 | 3708323761916 | 370832 | 3761916 | RESIDENT | 1.85 | - |
| 370837.00 | 3761916.00 | 9.84E-07 | 6.55E-06 | 3.87E-02 | 1.96E+00 | 2.00E+00 | 3708373761916 | 370837 | 3761916 | RESIDENT | 2.00 | - |
| 370842.00 | 3761916.00 | 1.06E-06 | 7.10E-06 | 4.18E-02 | 2.13E+00 | 2.17E+00 | 3708423761916 | 370842 | 3761916 | RESIDENT | 2.17 | - |
| 370847.00 | 3761916.00 | 1.15E-06 | 7.71E-06 | 4.53E-02 | 2.31E+00 | 2.36E+00 | 3708473761916 | 370847 | 3761916 | RESIDENT | 2.36 | - |
| 370852.00 | 3761916.00 | 1.26E-06 | 8.41E-06 | 4.93E-02 | 2.52E+00 | 2.57E+00 | 3708523761916 | 370852 | 3761916 | RESIDENT | 2.57 | - |
| 370857.00 | 3761916.00 | 1.37E-06 | 9.20E-06 | 5.39E-02 | 2.76E+00 | 2.81E+00 | 3708573761916 | 370857 | 3761916 | RESIDENT | 2.81 | - |
| 370877.00 | 3761916.00 | 2.05E-06 | 1.38E-05 | 8.07E-02 | 4.15E+00 | 4.23E+00 | 3708773761916 | 370877 | 3761916 | RESIDENT | 4.23 | - |
| 370882.00 | 3761916.00 | 2.31E-06 | 1.56E-05 | 9.06E-02 | 4.66E+00 | 4.75E+00 | 3708823761916 | 370882 | 3761916 | RESIDENT | 4.75 | - |
| 370887.00 | 3761916.00 | 2.61E-06 | 1.76E-05 | 1.02E-01 | 5.27E+00 | 5.37E+00 | 3708873761916 | 370887 | 3761916 | RESIDENT | 5.37 | - |
| 370892.00 | 3761916.00 | 2.96E-06 | 2.00E-05 | 1.16E-01 | 5.99E+00 | 6.11E+00 | 3708923761916 | 370892 | 3761916 | RESIDENT | 6.11 | - |
| 370897.00 | 3761916.00 | 3.38E-06 | 2.28E-05 | 1.33E-01 | 6.84E+00 | 6.97E+00 | 3708973761916 | 370897 | 3761916 | RESIDENT | 6.97 | - |
| 370902.00 | 3761916.00 | 3.87E-06 | 2.62E-05 | 1.52E-01 | 7.85E+00 | 8.00E+00 | 3709023761916 | 370902 | 3761916 | RESIDENT | 8.00 | - |
| 370907.00 | 3761916.00 | 4.45E-06 | 3.02E-05 | 1.75E-01 | 9.04E+00 | 9.22E+00 | 3709073761916 | 370907 | 3761916 | RESIDENT | 9.22 | - |
| 370912.00 | 3761916.00 | 5.11E-06 | 3.47E-05 | 2.01E-01 | 1.04E+01 | 1.06E+01 | 3709123761916 | 370912 | 3761916 | RESIDENT | 10.61 | - |
| 370782.00 | 3761921.00 | 4.68E-07 | 2.97E-06 | 1.84E-02 | 8.91E-01 | 9.09E-01 | 3707823761921 | 370782 | 3761921 | RESIDENT | 0.91 | - |
| 370787.00 | 3761921.00 | 4.92E-07 | 3.14E-06 | 1.93E-02 | 9.41E-01 | 9.61E-01 | 3707873761921 | 370787 | 3761921 | RESIDENT | 0.96 | - |
| 370792.00 | 3761921.00 | 5.18E-07 | 3.32E-06 | 2.03E-02 | 9.96E-01 | 1.02E+00 | 3707923761921 | 370792 | 3761921 | RESIDENT | 1.02 | - |
| 370797.00 | 3761921.00 | 5.46E-07 | 3.52E-06 | 2.15E-02 | 1.06E+00 | 1.08E+00 | 3707973761921 | 370797 | 3761921 | RESIDENT | 1.08 | - |
| 370802.00 | 3761921.00 | 5.77E-07 | 3.74E-06 | 2.27E-02 | 1.12E+00 | 1.14E+00 | 3708023761921 | 370802 | 3761921 | RESIDENT | 1.14 | - |
| 370807.00 | 3761921.00 | 6.11E-07 | 3.98E-06 | 2.40E-02 | 1.19E+00 | 1.22E+00 | 3708073761921 | 370807 | 3761921 | RESIDENT | 1.22 | - |
| 370812.00 | 3761921.00 | 6.49E-07 | 4.24E-06 | 2.55E-02 | 1.27E+00 | 1.30E+00 | 3708123761921 | 370812 | 3761921 | RESIDENT | 1.30 | - |
| 370817.00 | 3761921.00 | 6.90E-07 | 4.53E-06 | 2.71E-02 | 1.36E+00 | 1.38E+00 | 3708173761921 | 370817 | 3761921 | RESIDENT | 1.38 | - |
| 370822.00 | 3761921.00 | 7.36E-07 | 4.85E-06 | 2.89E-02 | 1.45E+00 | 1.48E+00 | 3708223761921 | 370822 | 3761921 | RESIDENT | 1.48 | - |
| 370827.00 | 3761921.00 | 7.86E-07 | 5.20E-06 | 3.09E-02 | 1.56E+00 | 1.59E+00 | 3708273761921 | 370827 | 3761921 | RESIDENT | 1.59 | - |
| 370832.00 | 3761921.00 | 8.42E-07 | 5.58E-06 | 3.31E-02 | 1.67E+00 | 1.71E+00 | 3708323761921 | 370832 | 3761921 | RESIDENT | 1.71 | - |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 370837.00 | 3761921.00 | 9.04E-07 | 6.01E-06 | 3.55E-02 | 1.80E+00 | 1.84E+00 |
| 370842.00 | 3761921.00 | 9.73E-07 | 6.48E-06 | 3.82E-02 | 1.94E+00 | 1.98E+00 |
| 370847.00 | 3761921.00 | 1.05E-06 | 7.02E-06 | 4.13E-02 | 2.10E+00 | 2.14E+00 |
| 370852.00 | 3761921.00 | 1.14E-06 | 7.62E-06 | 4.47E-02 | 2.28E+00 | 2.33E+00 |
| 370857.00 | 3761921.00 | 1.24E-06 | 8.29E-06 | 4.86E-02 | 2.49E+00 | 2.53E+00 |
| 370862.00 | 3761921.00 | 1.35E-06 | 9.07E-06 | 5.31E-02 | 2.72E+00 | 2.77E+00 |
| 370882.00 | 3761921.00 | 2.02E-06 | 1.36E-05 | 7.93E-02 | 4.08E+00 | 4.16E+00 |
| 370887.00 | 3761921.00 | 2.27E-06 | 1.53E-05 | 8.90E-02 | 4.58E+00 | 4.67E+00 |
| 370892.00 | 3761921.00 | 2.56E-06 | 1.73E-05 | 1.01E-01 | 5.18E+00 | 5.28E+00 |
| 370897.00 | 3761921.00 | 2.90E-06 | 1.96E-05 | 1.14E-01 | 5.88E+00 | 5.99E+00 |
| 370902.00 | 3761921.00 | 3.30E-06 | 2.23E-05 | 1.30E-01 | 6.70E+00 | 6.83E+00 |
| 370907.00 | 3761921.00 | 3.77E-06 | 2.55E-05 | 1.48E-01 | 7.65E+00 | 7.80E+00 |
| 370912.00 | 3761921.00 | 4.29E-06 | 2.91E-05 | 1.68E-01 | 8.73E+00 | 8.90E+00 |
| 370787.00 | 3761926.00 | 4.66E-07 | 2.97E-06 | 1.83E-02 | 8.90E-01 | 9.08E-01 |
| 370792.00 | 3761926.00 | 4.89E-07 | 3.14E-06 | 1.92E-02 | 9.40E-01 | 9.59E-01 |
| 370797.00 | 3761926.00 | 5.15E-07 | 3.32E-06 | 2.02E-02 | 9.94E-01 | 1.01E+00 |
| 370802.00 | 3761926.00 | 5.43E-07 | 3.51E-06 | 2.13E-02 | 1.05E+00 | 1.07E+00 |
| 370807.00 | 3761926.00 | 5.73E-07 | 3.73E-06 | 2.25E-02 | 1.12E+00 | 1.14E+00 |
| 370812.00 | 3761926.00 | 6.07E-07 | 3.96E-06 | 2.38E-02 | 1.19E+00 | 1.21E+00 |
| 370817.00 | 3761926.00 | 6.43E-07 | 4.22E-06 | 2.53E-02 | 1.26E+00 | 1.29E+00 |
| 370822.00 | 3761926.00 | 6.84E-07 | 4.50E-06 | 2.69E-02 | 1.35E+00 | 1.37E+00 |
| 370827.00 | 3761926.00 | 7.28E-07 | 4.81E-06 | 2.86E-02 | 1.44E+00 | 1.47E+00 |
| 370832.00 | 3761926.00 | 7.77E-07 | 5.14E-06 | 3.05E-02 | 1.54E+00 | 1.57E+00 |
| 370837.00 | 3761926.00 | 8.31E-07 | 5.52E-06 | 3.27E-02 | 1.65E+00 | 1.69E+00 |
| 370842.00 | 3761926.00 | 8.92E-07 | 5.93E-06 | 3.50E-02 | 1.78E+00 | 1.81E+00 |
| 370847.00 | 3761926.00 | 9.59E-07 | 6.39E-06 | 3.77E-02 | 1.92E+00 | 1.95E+00 |
| 370852.00 | 3761926.00 | 1.03E-06 | 6.91E-06 | 4.06E-02 | 2.07E+00 | 2.11E+00 |
| 370857.00 | 3761926.00 | 1.12E-06 | 7.50E-06 | 4.40E-02 | 2.25E+00 | 2.29E+00 |
| 370862.00 | 3761926.00 | 1.22E-06 | 8.16E-06 | 4.78E-02 | 2.44E+00 | 2.49E+00 |
| 370867.00 | 3761926.00 | 1.33E-06 | 8.92E-06 | 5.22E-02 | 2.67E+00 | 2.72E+00 |
| 370882.00 | 3761926.00 | 1.78E-06 | 1.20E-05 | 6.99E-02 | 3.59E+00 | 3.66E+00 |
| 370887.00 | 3761926.00 | 1.98E-06 | 1.34E-05 | 7.80E-02 | 4.01E+00 | 4.09E+00 |
| 370892.00 | 3761926.00 | 2.23E-06 | 1.50E-05 | 8.75E-02 | 4.51E+00 | 4.59E+00 |
| 370897.00 | 3761926.00 | 2.51E-06 | 1.70E-05 | 9.85E-02 | 5.08E+00 | 5.18E+00 |
| 370902.00 | 3761926.00 | 2.84E-06 | 1.92E-05 | 1.11E-01 | 5.75E+00 | 5.86E+00 |
| 370907.00 | 3761926.00 | 3.21E-06 | 2.18E-05 | 1.26E-01 | 6.52E+00 | 6.65E+00 |
| 370912.00 | 3761926.00 | 3.63E-06 | 2.47E-05 | 1.43E-01 | 7.39E+00 | 7.53E+00 |
| 370917.00 | 3761926.00 | 4.07E-06 | 2.77E-05 | 1.60E-01 | 8.30E+00 | 8.46E+00 |
| 370792.00 | 3761931.00 | 4.62E-07 | 2.96E-06 | 1.82E-02 | 8.86E-01 | 9.04E-01 |
| 370797.00 | 3761931.00 | 4.85E-07 | 3.12E-06 | 1.91E-02 | 9.35E-01 | 9.54E-01 |
| 370802.00 | 3761931.00 | 5.10E-07 | 3.30E-06 | 2.00E-02 | 9.88E-01 | 1.01E+00 |
| 370807.00 | 3761931.00 | 5.38E-07 | 3.49E-06 | 2.11E-02 | 1.05E+00 | 1.07E+00 |
| 370812.00 | 3761931.00 | 5.68E-07 | 3.70E-06 | 2.23E-02 | 1.11E+00 | 1.13E+00 |
| 370817.00 | 3761931.00 | 6.00E-07 | 3.93E-06 | 2.36E-02 | 1.18E+00 | 1.20E+00 |
| 370822.00 | 3761931.00 | 6.36E-07 | 4.18E-06 | 2.50E-02 | 1.25E+00 | 1.28E+00 |
| 370827.00 | 3761931.00 | 6.75E-07 | 4.45E-06 | 2.65E-02 | 1.33E+00 | 1.36E+00 |
| 370832.00 | 3761931.00 | 7.18E-07 | 4.75E-06 | 2.82E-02 | 1.42E+00 | 1.45E+00 |
| 370837.00 | 3761931.00 | 7.66E-07 | 5.08E-06 | 3.01E-02 | 1.52E+00 | 1.55E+00 |
| 370842.00 | 3761931.00 | 8.19E-07 | 5.44E-06 | 3.22E-02 | 1.63E+00 | 1.66E+00 |
| 370847.00 | 3761931.00 | 8.77E-07 | 5.84E-06 | 3.45E-02 | 1.75E+00 | 1.78E+00 |
| 370852.00 | 3761931.00 | 9.42E-07 | 6.29E-06 | 3.70E-02 | 1.88E+00 | 1.92E+00 |
| 370857.00 | 3761931.00 | 1.02E-06 | 6.79E-06 | 3.99E-02 | 2.04E+00 | 2.08E+00 |
| 370862.00 | 3761931.00 | 1.10E-06 | 7.36E-06 | 4.32E-02 | 2.21E+00 | 2.25E+00 |
| 370867.00 | 3761931.00 | 1.19E-06 | 8.01E-06 | 4.69E-02 | 2.40E+00 | 2.45E+00 |
| 370887.00 | 3761931.00 | 1.75E-06 | 1.18E-05 | 6.87E-02 | 3.53E+00 | 3.60E+00 |
| 370892.00 | 3761931.00 | 1.95E-06 | 1.32E-05 | 7.66E-02 | 3.95E+00 | 4.02E+00 |
| 370897.00 | 3761931.00 | 2.18E-06 | 1.48E-05 | 8.58E-02 | 4.43E+00 | 4.51E+00 |
| 370902.00 | 3761931.00 | 2.45E-06 | 1.66E-05 | 9.64E-02 | 4.98E+00 | 5.08E+00 |
| 370907.00 | 3761931.00 | 2.76E-06 | 1.87E-05 | 1.08E-01 | 5.61E+00 | 5.72E+00 |
| 370912.00 | 3761931.00 | 3.10E-06 | 2.10E-05 | 1.22E-01 | 6.30E+00 | 6.43E+00 |
| 370917.00 | 3761931.00 | 3.45E-06 | 2.35E-05 | 1.36E-01 | 7.04E+00 | 7.18E+00 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3708373761921 | 370837 | 3761921 | RESIDENT | 1.84 | - |
| 3708423761921 | 370842 | 3761921 | RESIDENT | 1.98 | - |
| 3708473761921 | 370847 | 3761921 | RESIDENT | 2.14 | - |
| 3708523761921 | 370852 | 3761921 | RESIDENT | 2.33 | - |
| 3708573761921 | 370857 | 3761921 | RESIDENT | 2.53 | - |
| 3708623761921 | 370862 | 3761921 | RESIDENT | 2.77 | - |
| 3708823761921 | 370882 | 3761921 | RESIDENT | 4.16 | - |
| 3708873761921 | 370887 | 3761921 | RESIDENT | 4.67 | - |
| 3708923761921 | 370892 | 3761921 | RESIDENT | 5.28 | - |
| 3708973761921 | 370897 | 3761921 | RESIDENT | 5.99 | - |
| 3709023761921 | 370902 | 3761921 | RESIDENT | 6.83 | - |
| 3709073761921 | 370907 | 3761921 | RESIDENT | 7.80 | - |
| 3709123761921 | 370912 | 3761921 | RESIDENT | 8.90 | - |
| 3707873761926 | 370787 | 3761926 | RESIDENT | 0.91 | - |
| 3707923761926 | 370792 | 3761926 | RESIDENT | 0.96 | - |
| 3707973761926 | 370797 | 3761926 | RESIDENT | 1.01 | - |
| 3708023761926 | 370802 | 3761926 | RESIDENT | 1.07 | - |
| 3708073761926 | 370807 | 3761926 | RESIDENT | 1.14 | - |
| 3708123761926 | 370812 | 3761926 | RESIDENT | 1.21 | - |
| 3708173761926 | 370817 | 3761926 | RESIDENT | 1.29 | - |
| 3708223761926 | 370822 | 3761926 | RESIDENT | 1.37 | - |
| 3708273761926 | 370827 | 3761926 | RESIDENT | 1.47 | - |
| 3708323761926 | 370832 | 3761926 | RESIDENT | 1.57 | - |
| 3708373761926 | 370837 | 3761926 | RESIDENT | 1.69 | - |
| 3708423761926 | 370842 | 3761926 | RESIDENT | 1.81 | - |
| 3708473761926 | 370847 | 3761926 | RESIDENT | 1.95 | - |
| 3708523761926 | 370852 | 3761926 | RESIDENT | 2.11 | - |
| 3708573761926 | 370857 | 3761926 | RESIDENT | 2.29 | - |
| 3708623761926 | 370862 | 3761926 | RESIDENT | 2.49 | - |
| 3708673761926 | 370867 | 3761926 | RESIDENT | 2.72 | - |
| 3708823761926 | 370882 | 3761926 | RESIDENT | 3.66 | - |
| 3708873761926 | 370887 | 3761926 | RESIDENT | 4.09 | - |
| 3708923761926 | 370892 | 3761926 | RESIDENT | 4.59 | - |
| 3708973761926 | 370897 | 3761926 | RESIDENT | 5.18 | - |
| 3709023761926 | 370902 | 3761926 | RESIDENT | 5.86 | - |
| 3709073761926 | 370907 | 3761926 | RESIDENT | 6.65 | - |
| 3709123761926 | 370912 | 3761926 | RESIDENT | 7.53 | - |
| 3709173761926 | 370917 | 3761926 | RESIDENT | 8.46 | - |
| 3707923761931 | 370792 | 3761931 | RESIDENT | 0.90 | - |
| 3707973761931 | 370797 | 3761931 | RESIDENT | 0.95 | - |
| 3708023761931 | 370802 | 3761931 | RESIDENT | 1.01 | - |
| 3708073761931 | 370807 | 3761931 | RESIDENT | 1.07 | - |
| 3708123761931 | 370812 | 3761931 | RESIDENT | 1.13 | - |
| 3708173761931 | 370817 | 3761931 | RESIDENT | 1.20 | - |
| 3708223761931 | 370822 | 3761931 | RESIDENT | 1.28 | - |
| 3708273761931 | 370827 | 3761931 | RESIDENT | 1.36 | - |
| 3708323761931 | 370832 | 3761931 | RESIDENT | 1.45 | - |
| 3708373761931 | 370837 | 3761931 | RESIDENT | 1.55 | - |
| 3708423761931 | 370842 | 3761931 | RESIDENT | 1.66 | - |
| 3708473761931 | 370847 | 3761931 | RESIDENT | 1.78 | - |
| 3708523761931 | 370852 | 3761931 | RESIDENT | 1.92 | - |
| 3708573761931 | 370857 | 3761931 | RESIDENT | 2.08 | - |
| 3708623761931 | 370862 | 3761931 | RESIDENT | 2.25 | - |
| 3708673761931 | 370867 | 3761931 | RESIDENT | 2.45 | - |
| 3708873761931 | 370887 | 3761931 | RESIDENT | 3.60 | - |
| 3708923761931 | 370892 | 3761931 | RESIDENT | 4.02 | - |
| 3708973761931 | 370897 | 3761931 | RESIDENT | 4.51 | - |
| 3709023761931 | 370902 | 3761931 | RESIDENT | 5.08 | - |
| 3709073761931 | 370907 | 3761931 | RESIDENT | 5.72 | - |
| 3709123761931 | 370912 | 3761931 | RESIDENT | 6.43 | - |
| 3709173761931 | 370917 | 3761931 | RESIDENT | 7.18 | - |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) | XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) | Spatial Average at Max Receptor Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 370922.00 | 3761931.00 | 3.81E-06 | 2.60E-05 | 1.50E-01 | 7.78E+00 | 7.93E+00 | 3709223761931 | 370922 | 3761931 | RESIDENT | 7.93 | - | |
| 370792.00 | 3761936.00 | 4.37E-07 | 2.79E-06 | 1.72E-02 | 8.36E-01 | 8.53E-01 | 3707923761936 | 370792 | 3761936 | RESIDENT | 0.85 | - | |
| 370797.00 | 3761936.00 | 4.58E-07 | 2.94E-06 | 1.80E-02 | 8.80E-01 | 8.98E-01 | 3707973761936 | 370797 | 3761936 | RESIDENT | 0.90 | - | |
| 370802.00 | 3761936.00 | 4.80E-07 | 3.10E-06 | 1.89E-02 | 9.28E-01 | 9.47E-01 | 3708023761936 | 370802 | 3761936 | RESIDENT | 0.95 | - | |
| 370807.00 | 3761936.00 | 5.05E-07 | 3.27E-06 | 1.98E-02 | 9.80E-01 | 1.00E+00 | 3708073761936 | 370807 | 3761936 | RESIDENT | 1.00 | - | |
| 370812.00 | 3761936.00 | 5.31E-07 | 3.46E-06 | 2.09E-02 | 1.04E+00 | 1.06E+00 | 3708123761936 | 370812 | 3761936 | RESIDENT | 1.06 | - | |
| 370817.00 | 3761936.00 | 5.61E-07 | 3.66E-06 | 2.20E-02 | 1.10E+00 | 1.12E+00 | 3708173761936 | 370817 | 3761936 | RESIDENT | 1.12 | - | |
| 370822.00 | 3761936.00 | 5.92E-07 | 3.88E-06 | 2.33E-02 | 1.16E+00 | 1.19E+00 | 3708223761936 | 370822 | 3761936 | RESIDENT | 1.19 | - | |
| 370827.00 | 3761936.00 | 6.27E-07 | 4.13E-06 | 2.46E-02 | 1.24E+00 | 1.26E+00 | 3708273761936 | 370827 | 3761936 | RESIDENT | 1.26 | - | |
| 370832.00 | 3761936.00 | 6.65E-07 | 4.39E-06 | 2.61E-02 | 1.32E+00 | 1.34E+00 | 3708323761936 | 370832 | 3761936 | RESIDENT | 1.34 | - | |
| 370837.00 | 3761936.00 | 7.07E-07 | 4.68E-06 | 2.78E-02 | 1.40E+00 | 1.43E+00 | 3708373761936 | 370837 | 3761936 | RESIDENT | 1.43 | - | |
| 370842.00 | 3761936.00 | 7.53E-07 | 5.00E-06 | 2.96E-02 | 1.50E+00 | 1.53E+00 | 3708423761936 | 370842 | 3761936 | RESIDENT | 1.53 | - | |
| 370847.00 | 3761936.00 | 8.04E-07 | 5.35E-06 | 3.16E-02 | 1.60E+00 | 1.63E+00 | 3708473761936 | 370847 | 3761936 | RESIDENT | 1.63 | - | |
| 370852.00 | 3761936.00 | 8.61E-07 | 5.74E-06 | 3.38E-02 | 1.72E+00 | 1.75E+00 | 3708523761936 | 370852 | 3761936 | RESIDENT | 1.75 | - | |
| 370857.00 | 3761936.00 | 9.25E-07 | 6.18E-06 | 3.63E-02 | 1.85E+00 | 1.89E+00 | 3708573761936 | 370857 | 3761936 | RESIDENT | 1.89 | - | |
| 370862.00 | 3761936.00 | 9.97E-07 | 6.67E-06 | 3.92E-02 | 2.00E+00 | 2.04E+00 | 3708623761936 | 370862 | 3761936 | RESIDENT | 2.04 | - | |
| 370867.00 | 3761936.00 | 1.08E-06 | 7.23E-06 | 4.24E-02 | 2.17E+00 | 2.21E+00 | 3708673761936 | 370867 | 3761936 | RESIDENT | 2.21 | - | |
| 370872.00 | 3761936.00 | 1.17E-06 | 7.87E-06 | 4.61E-02 | 2.36E+00 | 2.40E+00 | 3708723761936 | 370872 | 3761936 | RESIDENT | 2.40 | - | |
| 370892.00 | 3761936.00 | 1.72E-06 | 1.16E-05 | 6.76E-02 | 3.48E+00 | 3.55E+00 | 3708923761936 | 370892 | 3761936 | RESIDENT | 3.55 | - | |
| 370897.00 | 3761936.00 | 1.92E-06 | 1.29E-05 | 7.53E-02 | 3.88E+00 | 3.96E+00 | 3708973761936 | 370897 | 3761936 | RESIDENT | 3.96 | - | |
| 370902.00 | 3761936.00 | 2.14E-06 | 1.45E-05 | 8.41E-02 | 4.34E+00 | 4.42E+00 | 3709023761936 | 370902 | 3761936 | RESIDENT | 4.42 | - | |
| 370907.00 | 3761936.00 | 2.39E-06 | 1.62E-05 | 9.39E-02 | 4.86E+00 | 4.95E+00 | 3709073761936 | 370907 | 3761936 | RESIDENT | 4.95 | - | |
| 370912.00 | 3761936.00 | 2.67E-06 | 1.81E-05 | 1.05E-01 | 5.43E+00 | 5.53E+00 | 3709123761936 | 370912 | 3761936 | RESIDENT | 5.53 | - | |
| 370917.00 | 3761936.00 | 2.96E-06 | 2.01E-05 | 1.16E-01 | 6.03E+00 | 6.14E+00 | 3709173761936 | 370917 | 3761936 | RESIDENT | 6.14 | - | |
| 370922.00 | 3761936.00 | 3.25E-06 | 2.21E-05 | 1.28E-01 | 6.63E+00 | 6.76E+00 | 3709223761936 | 370922 | 3761936 | RESIDENT | 6.76 | - | |
| 370927.00 | 3761936.00 | 3.53E-06 | 2.40E-05 | 1.38E-01 | 7.21E+00 | 7.34E+00 | 3709273761936 | 370927 | 3761936 | RESIDENT | 7.34 | - | |
| 370797.00 | 3761941.00 | 4.32E-07 | 2.77E-06 | 1.70E-02 | 8.29E-01 | 8.46E-01 | 3707973761941 | 370797 | 3761941 | RESIDENT | 0.85 | - | |
| 370802.00 | 3761941.00 | 4.52E-07 | 2.91E-06 | 1.78E-02 | 8.72E-01 | 8.90E-01 | 3708023761941 | 370802 | 3761941 | RESIDENT | 0.89 | - | |
| 370807.00 | 3761941.00 | 4.74E-07 | 3.07E-06 | 1.86E-02 | 9.19E-01 | 9.37E-01 | 3708073761941 | 370807 | 3761941 | RESIDENT | 0.94 | - | |
| 370812.00 | 3761941.00 | 4.98E-07 | 3.23E-06 | 1.96E-02 | 9.69E-01 | 9.89E-01 | 3708123761941 | 370812 | 3761941 | RESIDENT | 0.99 | - | |
| 370817.00 | 3761941.00 | 5.24E-07 | 3.42E-06 | 2.06E-02 | 1.02E+00 | 1.04E+00 | 3708173761941 | 370817 | 3761941 | RESIDENT | 1.04 | - | |
| 370822.00 | 3761941.00 | 5.52E-07 | 3.61E-06 | 2.17E-02 | 1.08E+00 | 1.10E+00 | 3708223761941 | 370822 | 3761941 | RESIDENT | 1.10 | - | |
| 370827.00 | 3761941.00 | 5.83E-07 | 3.83E-06 | 2.29E-02 | 1.15E+00 | 1.17E+00 | 3708273761941 | 370827 | 3761941 | RESIDENT | 1.17 | - | |
| 370832.00 | 3761941.00 | 6.17E-07 | 4.06E-06 | 2.42E-02 | 1.22E+00 | 1.24E+00 | 3708323761941 | 370832 | 3761941 | RESIDENT | 1.24 | - | |
| 370837.00 | 3761941.00 | 6.54E-07 | 4.32E-06 | 2.57E-02 | 1.29E+00 | 1.32E+00 | 3708373761941 | 370837 | 3761941 | RESIDENT | 1.32 | - | |
| 370842.00 | 3761941.00 | 6.94E-07 | 4.60E-06 | 2.73E-02 | 1.38E+00 | 1.41E+00 | 3708423761941 | 370842 | 3761941 | RESIDENT | 1.41 | - | |
| 370847.00 | 3761941.00 | 7.39E-07 | 4.91E-06 | 2.90E-02 | 1.47E+00 | 1.50E+00 | 3708473761941 | 370847 | 3761941 | RESIDENT | 1.50 | - | |
| 370852.00 | 3761941.00 | 7.89E-07 | 5.25E-06 | 3.10E-02 | 1.57E+00 | 1.60E+00 | 3708523761941 | 370852 | 3761941 | RESIDENT | 1.60 | - | |
| 370857.00 | 3761941.00 | 8.45E-07 | 5.63E-06 | 3.32E-02 | 1.69E+00 | 1.72E+00 | 3708573761941 | 370857 | 3761941 | RESIDENT | 1.72 | - | |
| 370862.00 | 3761941.00 | 9.07E-07 | 6.06E-06 | 3.56E-02 | 1.82E+00 | 1.85E+00 | 3708623761941 | 370862 | 3761941 | RESIDENT | 1.85 | - | |
| 370867.00 | 3761941.00 | 9.78E-07 | 6.55E-06 | 3.84E-02 | 1.96E+00 | 2.00E+00 | 3708673761941 | 370867 | 3761941 | RESIDENT | 2.00 | - | |
| 370872.00 | 3761941.00 | 1.06E-06 | 7.10E-06 | 4.16E-02 | 2.13E+00 | 2.17E+00 | 3708723761941 | 370872 | 3761941 | RESIDENT | 2.17 | - | |
| 370877.00 | 3761941.00 | 1.15E-06 | 7.74E-06 | 4.53E-02 | 2.32E+00 | 2.36E+00 | 3708773761941 | 370877 | 3761941 | RESIDENT | 2.36 | - | |
| 370897.00 | 3761941.00 | 1.69E-06 | 1.14E-05 | 6.64E-02 | 3.42E+00 | 3.49E+00 | 3708973761941 | 370897 | 3761941 | RESIDENT | 3.49 | - | |
| 370902.00 | 3761941.00 | 1.88E-06 | 1.27E-05 | 7.38E-02 | 3.81E+00 | 3.88E+00 | 3709023761941 | 370902 | 3761941 | RESIDENT | 3.88 | - | |
| 370907.00 | 3761941.00 | 2.09E-06 | 1.41E-05 | 8.20E-02 | 4.24E+00 | 4.32E+00 | 3709073761941 | 370907 | 3761941 | RESIDENT | 4.32 | - | |
| 370912.00 | 3761941.00 | 2.31E-06 | 1.57E-05 | 9.09E-02 | 4.71E+00 | 4.80E+00 | 3709123761941 | 370912 | 3761941 | RESIDENT | 4.80 | - | |
| 370917.00 | 3761941.00 | 2.56E-06 | 1.74E-05 | 1.00E-01 | 5.20E+00 | 5.31E+00 | 3709173761941 | 370917 | 3761941 | RESIDENT | 5.31 | - | |
| 370922.00 | 3761941.00 | 2.80E-06 | 1.91E-05 | 1.10E-01 | 5.71E+00 | 5.82E+00 | 3709223761941 | 370922 | 3761941 | RESIDENT | 5.82 | - | |
| 370927.00 | 3761941.00 | 3.03E-06 | 2.07E-05 | 1.19E-01 | 6.20E+00 | 6.32E+00 | 3709273761941 | 370927 | 3761941 | RESIDENT | 6.32 | - | |
| 370932.00 | 3761941.00 | 3.25E-06 | 2.22E-05 | 1.28E-01 | 6.64E+00 | 6.77E+00 | 3709323761941 | 370932 | 3761941 | RESIDENT | 6.77 | - | |
| 370802.00 | 3761946.00 | 4.26E-07 | 2.74E-06 | 1.67E-02 | 8.20E-01 | 8.36E-01 | 3708023761946 | 370802 | 3761946 | RESIDENT | 0.84 | - | |
| 370807.00 | 3761946.00 | 4.46E-07 | 2.88E-06 | 1.75E-02 | 8.62E-01 | 8.79E-01 | 3708073761946 | 370807 | 3761946 | RESIDENT | 0.88 | - | |
| 370812.00 | 3761946.00 | 4.67E-07 | 3.03E-06 | 1.84E-02 | 9.07E-01 | 9.26E-01 | 3708123761946 | 370812 | 3761946 | RESIDENT | 0.93 | - | |
| 370817.00 | 3761946.00 | 4.90E-07 | 3.19E-06 | 1.93E-02 | 9.56E-01 | 9.76E-01 | 3708173761946 | 370817 | 3761946 | RESIDENT | 0.98 | | |
| 370822.00 | 3761946.00 | 5.16E-07 | 3.37E-06 | 2.03E-02 | 1.01E+00 | 1.03E+00 | 3708223761946 | 370822 | 3761946 | RESIDENT | 1.03 | | |
| 370827.00 | 3761946.00 | 5.43E-07 | 3.56E-06 | 2.13E-02 | 1.07E+00 | 1.09E+00 | 3708273761946 | 370827 | 3761946 | RESIDENT | 1.09 | | |
| 370832.00 | 3761946.00 | 5.73E-07 | 3.77E-06 | 2.25E-02 | 1.13E+00 | 1.15E+00 | 3708323761946 | 370832 | 3761946 | RESIDENT | 1.15 | | |
| 370837.00 | 3761946.00 | 6.06E-07 | 3.99E-06 | 2.38E-02 | 1.20E+00 | 1.22E+00 | 3708373761946 | 370837 | 3761946 | RESIDENT | 1.22 | | |
| 370842.00 | 3761946.00 | 6.42E-07 | 4.24E-06 | 2.52E-02 | 1.27E+00 | 1.30E+00 | 3708423761946 | 370842 | 3761946 | RESIDENT | 1.30 | | |
| 370847.00 | 3761946.00 | 6.81E-07 | 4.52E-06 | 2.68E-02 | 1.35E+00 | 1.38E+00 | 3708473761946 | 370847 | 3761946 | RESIDENT | 1.38 | | |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 370852.00 | 3761946.00 | 7.25E-07 | 4.82E-06 | 2.85E-02 | 1.44E+00 | 1.47E+00 |
| 370857.00 | 3761946.00 | 7.74E-07 | 5.15E-06 | 3.04E-02 | 1.54E+00 | 1.57E+00 |
| 370862.00 | 3761946.00 | 8.29E-07 | 5.53E-06 | 3.26E-02 | 1.66E+00 | 1.69E+00 |
| 370867.00 | 3761946.00 | 8.91E-07 | 5.96E-06 | 3.50E-02 | 1.78E+00 | 1.82E+00 |
| 370872.00 | 3761946.00 | 9.61E-07 | 6.44E-06 | 3.78E-02 | 1.93E+00 | 1.97E+00 |
| 370877.00 | 3761946.00 | 1.04E-06 | 6.99E-06 | 4.09E-02 | 2.09E+00 | 2.14E+00 |
| 370882.00 | 3761946.00 | 1.13E-06 | 7.62E-06 | 4.45E-02 | 2.28E+00 | 2.33E+00 |
| 370897.00 | 3761946.00 | 1.50E-06 | 1.01E-05 | 5.90E-02 | 3.04E+00 | 3.10E+00 |
| 370902.00 | 3761946.00 | 1.66E-06 | 1.12E-05 | 6.52E-02 | 3.36E+00 | 3.43E+00 |
| 370907.00 | 3761946.00 | 1.83E-06 | 1.24E-05 | 7.21E-02 | 3.72E+00 | 3.79E+00 |
| 370912.00 | 3761946.00 | 2.02E-06 | 1.37E-05 | 7.95E-02 | 4.11E+00 | 4.19E+00 |
| 370917.00 | 3761946.00 | 2.23E-06 | 1.51E-05 | 8.74E-02 | 4.53E+00 | 4.62E+00 |
| 370922.00 | 3761946.00 | 2.43E-06 | 1.65E-05 | 9.55E-02 | 4.95E+00 | 5.05E+00 |
| 370927.00 | 3761946.00 | 2.63E-06 | 1.79E-05 | 1.03E-01 | 5.37E+00 | 5.47E+00 |
| 370932.00 | 3761946.00 | 2.82E-06 | 1.92E-05 | 1.11E-01 | 5.76E+00 | 5.87E+00 |
| 370937.00 | 3761946.00 | 2.98E-06 | 2.04E-05 | 1.17E-01 | 6.10E+00 | 6.22E+00 |
| 370807.00 | 3761951.00 | 4.19E-07 | 2.70E-06 | 1.65E-02 | 8.09E-01 | 8.26E-01 |
| 370812.00 | 3761951.00 | 4.39E-07 | 2.84E-06 | 1.72E-02 | 8.50E-01 | 8.67E-01 |
| 370817.00 | 3761951.00 | 4.60E-07 | 2.98E-06 | 1.81E-02 | 8.94E-01 | 9.12E-01 |
| 370822.00 | 3761951.00 | 4.82E-07 | 3.14E-06 | 1.89E-02 | 9.42E-01 | 9.61E-01 |
| 370827.00 | 3761951.00 | 5.07E-07 | 3.31E-06 | 1.99E-02 | 9.93E-01 | 1.01E+00 |
| 370832.00 | 3761951.00 | 5.33E-07 | 3.50E-06 | 2.09E-02 | 1.05E+00 | 1.07E+00 |
| 370837.00 | 3761951.00 | 5.62E-07 | 3.70E-06 | 2.21E-02 | 1.11E+00 | 1.13E+00 |
| 370842.00 | 3761951.00 | 5.94E-07 | 3.92E-06 | 2.33E-02 | 1.18E+00 | 1.20E+00 |
| 370847.00 | 3761951.00 | 6.29E-07 | 4.16E-06 | 2.47E-02 | 1.25E+00 | 1.27E+00 |
| 370852.00 | 3761951.00 | 6.68E-07 | 4.43E-06 | 2.62E-02 | 1.33E+00 | 1.35E+00 |
| 370857.00 | 3761951.00 | 7.11E-07 | 4.73E-06 | 2.79E-02 | 1.42E+00 | 1.45E+00 |
| 370862.00 | 3761951.00 | 7.59E-07 | 5.06E-06 | 2.98E-02 | 1.52E+00 | 1.55E+00 |
| 370867.00 | 3761951.00 | 8.14E-07 | 5.44E-06 | 3.20E-02 | 1.63E+00 | 1.66E+00 |
| 370872.00 | 3761951.00 | 8.75E-07 | 5.86E-06 | 3.44E-02 | 1.76E+00 | 1.79E+00 |
| 370877.00 | 3761951.00 | 9.46E-07 | 6.34E-06 | 3.71E-02 | 1.90E+00 | 1.94E+00 |
| 370882.00 | 3761951.00 | 1.03E-06 | 6.89E-06 | 4.03E-02 | 2.06E+00 | 2.10E+00 |
| 370902.00 | 3761951.00 | 1.47E-06 | 9.96E-06 | 5.79E-02 | 2.99E+00 | 3.04E+00 |
| 370907.00 | 3761951.00 | 1.62E-06 | 1.10E-05 | 6.37E-02 | 3.29E+00 | 3.35E+00 |
| 370912.00 | 3761951.00 | 1.78E-06 | 1.21E-05 | 7.00E-02 | 3.62E+00 | 3.69E+00 |
| 370917.00 | 3761951.00 | 1.95E-06 | 1.33E-05 | 7.67E-02 | 3.97E+00 | 4.05E+00 |
| 370922.00 | 3761951.00 | 2.13E-06 | 1.45E-05 | 8.36E-02 | 4.33E+00 | 4.42E+00 |
| 370927.00 | 3761951.00 | 2.30E-06 | 1.56E-05 | 9.03E-02 | 4.69E+00 | 4.78E+00 |
| 370932.00 | 3761951.00 | 2.46E-06 | 1.68E-05 | 9.67E-02 | 5.03E+00 | 5.13E+00 |
| 370937.00 | 3761951.00 | 2.61E-06 | 1.78E-05 | 1.03E-01 | 5.34E+00 | 5.44E+00 |
| 370942.00 | 3761951.00 | 2.74E-06 | 1.87E-05 | 1.08E-01 | 5.61E+00 | 5.71E+00 |
| 370807.00 | 3761956.00 | 3.95E-07 | 2.54E-06 | 1.55E-02 | 7.61E-01 | 7.76E-01 |
| 370812.00 | 3761956.00 | 4.12E-07 | 2.66E-06 | 1.62E-02 | 7.98E-01 | 8.14E-01 |
| 370817.00 | 3761956.00 | 4.31E-07 | 2.79E-06 | 1.69E-02 | 8.37E-01 | 8.54E-01 |
| 370822.00 | 3761956.00 | 4.51E-07 | 2.94E-06 | 1.77E-02 | 8.80E-01 | 8.98E-01 |
| 370827.00 | 3761956.00 | 4.73E-07 | 3.09E-06 | 1.86E-02 | 9.26E-01 | 9.45E-01 |
| 370832.00 | 3761956.00 | 4.97E-07 | 3.26E-06 | 1.95E-02 | 9.76E-01 | 9.95E-01 |
| 370837.00 | 3761956.00 | 5.23E-07 | 3.44E-06 | 2.05E-02 | 1.03E+00 | 1.05E+00 |
| 370842.00 | 3761956.00 | 5.51E-07 | 3.63E-06 | 2.17E-02 | 1.09E+00 | 1.11E+00 |
| 370847.00 | 3761956.00 | 5.83E-07 | 3.85E-06 | 2.29E-02 | 1.15E+00 | 1.18E+00 |
| 370852.00 | 3761956.00 | 6.17E-07 | 4.09E-06 | 2.42E-02 | 1.22E+00 | 1.25E+00 |
| 370857.00 | 3761956.00 | 6.55E-07 | 4.35E-06 | 2.57E-02 | 1.30E+00 | 1.33E+00 |
| 370862.00 | 3761956.00 | 6.98E-07 | 4.65E-06 | 2.74E-02 | 1.39E+00 | 1.42E+00 |
| 370867.00 | 3761956.00 | 7.46E-07 | 4.98E-06 | 2.93E-02 | 1.49E+00 | 1.52E+00 |
| 370872.00 | 3761956.00 | 8.00E-07 | 5.35E-06 | 3.14E-02 | 1.60E+00 | 1.63E+00 |
| 370877.00 | 3761956.00 | 8.62E-07 | 5.77E-06 | 3.39E-02 | 1.73E+00 | 1.76E+00 |
| 370882.00 | 3761956.00 | 9.32E-07 | 6.25E-06 | 3.66E-02 | 1.87E+00 | 1.91E+00 |
| 370887.00 | 3761956.00 | 1.01E-06 | 6.80E-06 | 3.97E-02 | 2.04E+00 | 2.08E+00 |
| 370907.00 | 3761956.00 | 1.44E-06 | 9.76E-06 | 5.67E-02 | 2.93E+00 | 2.98E+00 |
| 370912.00 | 3761956.00 | 1.58E-06 | 1.07E-05 | 6.21E-02 | 3.21E+00 | 3.27E+00 |
| 370917.00 | 3761956.00 | 1.72E-06 | 1.17E-05 | 6.78E-02 | 3.51E+00 | 3.57E+00 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3708523761946 | 370852 | 3761946 | RESIDENT | 1.47 | |
| 3708573761946 | 370857 | 3761946 | RESIDENT | 1.57 | |
| 3708623761946 | 370862 | 3761946 | RESIDENT | 1.69 | |
| 3708673761946 | 370867 | 3761946 | RESIDENT | 1.82 | |
| 3708723761946 | 370872 | 3761946 | RESIDENT | 1.97 | |
| 3708773761946 | 370877 | 3761946 | RESIDENT | 2.14 | |
| 3708823761946 | 370882 | 3761946 | RESIDENT | 2.33 | |
| 3708973761946 | 370897 | 3761946 | RESIDENT | 3.10 | |
| 3709023761946 | 370902 | 3761946 | RESIDENT | 3.43 | |
| 3709073761946 | 370907 | 3761946 | RESIDENT | 3.79 | |
| 3709123761946 | 370912 | 3761946 | RESIDENT | 4.19 | |
| 3709173761946 | 370917 | 3761946 | RESIDENT | 4.62 | |
| 3709223761946 | 370922 | 3761946 | RESIDENT | 5.05 | |
| 3709273761946 | 370927 | 3761946 | RESIDENT | 5.47 | |
| 3709323761946 | 370932 | 3761946 | RESIDENT | 5.87 | |
| 3709373761946 | 370937 | 3761946 | RESIDENT | 6.22 | |
| 3708073761951 | 370807 | 3761951 | RESIDENT | 0.83 | |
| 3708123761951 | 370812 | 3761951 | RESIDENT | 0.87 | |
| 3708173761951 | 370817 | 3761951 | RESIDENT | 0.91 | |
| 3708223761951 | 370822 | 3761951 | RESIDENT | 0.96 | |
| 3708273761951 | 370827 | 3761951 | RESIDENT | 1.01 | |
| 3708323761951 | 370832 | 3761951 | RESIDENT | 1.07 | |
| 3708373761951 | 370837 | 3761951 | RESIDENT | 1.13 | |
| 3708423761951 | 370842 | 3761951 | RESIDENT | 1.20 | |
| 3708473761951 | 370847 | 3761951 | RESIDENT | 1.27 | |
| 3708523761951 | 370852 | 3761951 | RESIDENT | 1.35 | |
| 3708573761951 | 370857 | 3761951 | RESIDENT | 1.45 | |
| 3708623761951 | 370862 | 3761951 | RESIDENT | 1.55 | |
| 3708673761951 | 370867 | 3761951 | RESIDENT | 1.66 | |
| 3708723761951 | 370872 | 3761951 | RESIDENT | 1.79 | |
| 3708773761951 | 370877 | 3761951 | RESIDENT | 1.94 | |
| 3708823761951 | 370882 | 3761951 | RESIDENT | 2.10 | |
| 3709023761951 | 370902 | 3761951 | RESIDENT | 3.04 | |
| 3709073761951 | 370907 | 3761951 | RESIDENT | 3.35 | |
| 3709123761951 | 370912 | 3761951 | RESIDENT | 3.69 | |
| 3709173761951 | 370917 | 3761951 | RESIDENT | 4.05 | |
| 3709223761951 | 370922 | 3761951 | RESIDENT | 4.42 | |
| 3709273761951 | 370927 | 3761951 | RESIDENT | 4.78 | |
| 3709323761951 | 370932 | 3761951 | RESIDENT | 5.13 | |
| 3709373761951 | 370937 | 3761951 | RESIDENT | 5.44 | |
| 3709423761951 | 370942 | 3761951 | RESIDENT | 5.71 | |
| 3708073761956 | 370807 | 3761956 | RESIDENT | 0.78 | |
| 3708123761956 | 370812 | 3761956 | RESIDENT | 0.81 | |
| 3708173761956 | 370817 | 3761956 | RESIDENT | 0.85 | |
| 3708223761956 | 370822 | 3761956 | RESIDENT | 0.90 | |
| 3708273761956 | 370827 | 3761956 | RESIDENT | 0.94 | |
| 3708323761956 | 370832 | 3761956 | RESIDENT | 1.00 | |
| 3708373761956 | 370837 | 3761956 | RESIDENT | 1.05 | |
| 3708423761956 | 370842 | 3761956 | RESIDENT | 1.11 | |
| 3708473761956 | 370847 | 3761956 | RESIDENT | 1.18 | |
| 3708523761956 | 370852 | 3761956 | RESIDENT | 1.25 | |
| 3708573761956 | 370857 | 3761956 | RESIDENT | 1.33 | |
| 3708623761956 | 370862 | 3761956 | RESIDENT | 1.42 | |
| 3708673761956 | 370867 | 3761956 | RESIDENT | 1.52 | |
| 3708723761956 | 370872 | 3761956 | RESIDENT | 1.63 | |
| 3708773761956 | 370877 | 3761956 | RESIDENT | 1.76 | |
| 3708823761956 | 370882 | 3761956 | RESIDENT | 1.91 | |
| 3708873761956 | 370887 | 3761956 | RESIDENT | 2.08 | |
| 3709073761956 | 370907 | 3761956 | RESIDENT | 2.98 | |
| 3709123761956 | 370912 | 3761956 | RESIDENT | 3.27 | |
| 3709173761956 | 370917 | 3761956 | RESIDENT | 3.57 | |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 370922.00 | 3761956.00 | 1.87E-06 | 1.27E-05 | 7.36E-02 | 3.81E+00 | 3.89E+00 |
| 370927.00 | 3761956.00 | 2.02E-06 | 1.38E-05 | 7.94E-02 | 4.12E+00 | 4.20E+00 |
| 370932.00 | 3761956.00 | 2.17E-06 | 1.47E-05 | 8.51E-02 | 4.42E+00 | 4.50E+00 |
| 370937.00 | 3761956.00 | 2.30E-06 | 1.57E-05 | 9.03E-02 | 4.69E+00 | 4.78E+00 |
| 370942.00 | 3761956.00 | 2.42E-06 | 1.65E-05 | 9.50E-02 | 4.94E+00 | 5.04E+00 |
| 370812.00 | 3761961.00 | 3.88E-07 | 2.50E-06 | 1.52E-02 | 7.49E-01 | 7.64E-01 |
| 370817.00 | 3761961.00 | 4.05E-07 | 2.62E-06 | 1.59E-02 | 7.85E-01 | 8.01E-01 |
| 370822.00 | 3761961.00 | 4.23E-07 | 2.75E-06 | 1.66E-02 | 8.23E-01 | 8.40E-01 |
| 370827.00 | 3761961.00 | 4.43E-07 | 2.89E-06 | 1.74E-02 | 8.65E-01 | 8.82E-01 |
| 370832.00 | 3761961.00 | 4.64E-07 | 3.04E-06 | 1.82E-02 | 9.10E-01 | 9.28E-01 |
| 370837.00 | 3761961.00 | 4.88E-07 | 3.20E-06 | 1.92E-02 | 9.58E-01 | 9.77E-01 |
| 370842.00 | 3761961.00 | 5.13E-07 | 3.37E-06 | 2.01E-02 | 1.01E+00 | 1.03E+00 |
| 370847.00 | 3761961.00 | 5.41E-07 | 3.57E-06 | 2.12E-02 | 1.07E+00 | 1.09E+00 |
| 370852.00 | 3761961.00 | 5.72E-07 | 3.78E-06 | 2.25E-02 | 1.13E+00 | 1.16E+00 |
| 370857.00 | 3761961.00 | 6.06E-07 | 4.02E-06 | 2.38E-02 | 1.20E+00 | 1.23E+00 |
| 370862.00 | 3761961.00 | 6.44E-07 | 4.28E-06 | 2.53E-02 | 1.28E+00 | 1.31E+00 |
| 370867.00 | 3761961.00 | 6.86E-07 | 4.57E-06 | 2.70E-02 | 1.37E+00 | 1.40E+00 |
| 370872.00 | 3761961.00 | 7.34E-07 | 4.90E-06 | 2.88E-02 | 1.47E+00 | 1.50E+00 |
| 370877.00 | 3761961.00 | 7.88E-07 | 5.27E-06 | 3.10E-02 | 1.58E+00 | 1.61E+00 |
| 370882.00 | 3761961.00 | 8.50E-07 | 5.69E-06 | 3.34E-02 | 1.71E+00 | 1.74E+00 |
| 370887.00 | 3761961.00 | 9.19E-07 | 6.17E-06 | 3.61E-02 | 1.85E+00 | 1.89E+00 |
| 370892.00 | 3761961.00 | 9.98E-07 | 6.71E-06 | 3.92E-02 | 2.01E+00 | 2.05E+00 |
| 370912.00 | 3761961.00 | 1.41E-06 | 9.53E-06 | 5.54E-02 | 2.86E+00 | 2.91E+00 |
| 370917.00 | 3761961.00 | 1.53E-06 | 1.04E-05 | 6.02E-02 | 3.11E+00 | 3.17E+00 |
| 370922.00 | 3761961.00 | 1.66E-06 | 1.13E-05 | 6.52E-02 | 3.38E+00 | 3.44E+00 |
| 370927.00 | 3761961.00 | 1.79E-06 | 1.22E-05 | 7.03E-02 | 3.64E+00 | 3.71E+00 |
| 370932.00 | 3761961.00 | 1.92E-06 | 1.30E-05 | 7.52E-02 | 3.90E+00 | 3.98E+00 |
| 370937.00 | 3761961.00 | 2.03E-06 | 1.39E-05 | 7.99E-02 | 4.15E+00 | 4.23E+00 |
| 370942.00 | 3761961.00 | 2.14E-06 | 1.46E-05 | 8.42E-02 | 4.38E+00 | 4.46E+00 |
| 370817.00 | 3761966.00 | 3.81E-07 | 2.46E-06 | 1.50E-02 | 7.37E-01 | 7.52E-01 |
| 370822.00 | 3761966.00 | 3.97E-07 | 2.57E-06 | 1.56E-02 | 7.71E-01 | 7.87E-01 |
| 370827.00 | 3761966.00 | 4.15E-07 | 2.70E-06 | 1.63E-02 | 8.09E-01 | 8.25E-01 |
| 370832.00 | 3761966.00 | 4.34E-07 | 2.83E-06 | 1.71E-02 | 8.49E-01 | 8.66E-01 |
| 370837.00 | 3761966.00 | 4.55E-07 | 2.98E-06 | 1.79E-02 | 8.93E-01 | 9.11E-01 |
| 370842.00 | 3761966.00 | 4.78E-07 | 3.14E-06 | 1.88E-02 | 9.41E-01 | 9.59E-01 |
| 370847.00 | 3761966.00 | 5.03E-07 | 3.31E-06 | 1.98E-02 | 9.93E-01 | 1.01E+00 |
| 370852.00 | 3761966.00 | 5.31E-07 | 3.50E-06 | 2.08E-02 | 1.05E+00 | 1.07E+00 |
| 370857.00 | 3761966.00 | 5.61E-07 | 3.71E-06 | 2.20E-02 | 1.11E+00 | 1.14E+00 |
| 370862.00 | 3761966.00 | 5.95E-07 | 3.95E-06 | 2.34E-02 | 1.18E+00 | 1.21E+00 |
| 370867.00 | 3761966.00 | 6.33E-07 | 4.21E-06 | 2.49E-02 | 1.26E+00 | 1.29E+00 |
| 370872.00 | 3761966.00 | 6.76E-07 | 4.50E-06 | 2.65E-02 | 1.35E+00 | 1.38E+00 |
| 370877.00 | 3761966.00 | 7.24E-07 | 4.83E-06 | 2.84E-02 | 1.45E+00 | 1.48E+00 |
| 370882.00 | 3761966.00 | 7.78E-07 | 5.21E-06 | 3.06E-02 | 1.56E+00 | 1.59E+00 |
| 370887.00 | 3761966.00 | 8.39E-07 | 5.62E-06 | 3.30E-02 | 1.69E+00 | 1.72E+00 |
| 370892.00 | 3761966.00 | 9.08E-07 | 6.10E-06 | 3.57E-02 | 1.83E+00 | 1.86E+00 |
| 370897.00 | 3761966.00 | 9.84E-07 | 6.62E-06 | 3.87E-02 | 1.98E+00 | 2.02E+00 |
| 370912.00 | 3761966.00 | 1.26E-06 | 8.54E-06 | 4.96E-02 | 2.56E+00 | 2.61E+00 |
| 370917.00 | 3761966.00 | 1.37E-06 | 9.27E-06 | 5.38E-02 | 2.78E+00 | 2.83E+00 |
| 370922.00 | 3761966.00 | 1.48E-06 | 1.00E-05 | 5.82E-02 | 3.01E+00 | 3.07E+00 |
| 370927.00 | 3761966.00 | 1.59E-06 | 1.08E-05 | 6.26E-02 | 3.24E+00 | 3.30E+00 |
| 370932.00 | 3761966.00 | 1.70E-06 | 1.16E-05 | 6.69E-02 | 3.47E+00 | 3.54E+00 |
| 370937.00 | 3761966.00 | 1.81E-06 | 1.23E-05 | 7.11E-02 | 3.69E+00 | 3.76E+00 |
| 370942.00 | 3761966.00 | 1.91E-06 | 1.30E-05 | 7.49E-02 | 3.89E+00 | 3.97E+00 |
| 370947.00 | 3761966.00 | 2.00E-06 | 1.36E-05 | 7.84E-02 | 4.08E+00 | 4.16E+00 |
| 370822.00 | 3761971.00 | 3.74E-07 | 2.42E-06 | 1.47E-02 | 7.24E-01 | 7.38E-01 |
| 370827.00 | 3761971.00 | 3.90E-07 | 2.53E-06 | 1.53E-02 | 7.58E-01 | 7.73E-01 |
| 370832.00 | 3761971.00 | 4.07E-07 | 2.65E-06 | 1.60E-02 | 7.94E-01 | 8.10E-01 |
| 370837.00 | 3761971.00 | 4.26E-07 | 2.78E-06 | 1.67E-02 | 8.34E-01 | 8.51E-01 |
| 370842.00 | 3761971.00 | 4.47E-07 | 2.93E-06 | 1.75E-02 | 8.77E-01 | 8.94E-01 |
| 370847.00 | 3761971.00 | 4.69E-07 | 3.08E-06 | 1.84E-02 | 9.24E-01 | 9.42E-01 |
| 370852.00 | 3761971.00 | 4.94E-07 | 3.26E-06 | 1.94E-02 | 9.75E-01 | 9.95E-01 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3709223761956 | 370922 | 3761956 | RESIDENT | 3.89 | |
| 3709273761956 | 370927 | 3761956 | RESIDENT | 4.20 | |
| 3709323761956 | 370932 | 3761956 | RESIDENT | 4.50 | |
| 3709373761956 | 370937 | 3761956 | RESIDENT | 4.78 | |
| 3709423761956 | 370942 | 3761956 | RESIDENT | 5.04 | |
| 3708123761961 | 370812 | 3761961 | RESIDENT | 0.76 | |
| 3708173761961 | 370817 | 3761961 | RESIDENT | 0.80 | |
| 3708223761961 | 370822 | 3761961 | RESIDENT | 0.84 | |
| 3708273761961 | 370827 | 3761961 | RESIDENT | 0.88 | |
| 3708323761961 | 370832 | 3761961 | RESIDENT | 0.93 | |
| 3708373761961 | 370837 | 3761961 | RESIDENT | 0.98 | |
| 3708423761961 | 370842 | 3761961 | RESIDENT | 1.03 | |
| 3708473761961 | 370847 | 3761961 | RESIDENT | 1.09 | |
| 3708523761961 | 370852 | 3761961 | RESIDENT | 1.16 | |
| 3708573761961 | 370857 | 3761961 | RESIDENT | 1.23 | |
| 3708623761961 | 370862 | 3761961 | RESIDENT | 1.31 | |
| 3708673761961 | 370867 | 3761961 | RESIDENT | 1.40 | |
| 3708723761961 | 370872 | 3761961 | RESIDENT | 1.50 | |
| 3708773761961 | 370877 | 3761961 | RESIDENT | 1.61 | |
| 3708823761961 | 370882 | 3761961 | RESIDENT | 1.74 | |
| 3708873761961 | 370887 | 3761961 | RESIDENT | 1.89 | |
| 3708923761961 | 370892 | 3761961 | RESIDENT | 2.05 | |
| 3709123761961 | 370912 | 3761961 | RESIDENT | 2.91 | |
| 3709173761961 | 370917 | 3761961 | RESIDENT | 3.17 | |
| 3709223761961 | 370922 | 3761961 | RESIDENT | 3.44 | |
| 3709273761961 | 370927 | 3761961 | RESIDENT | 3.71 | |
| 3709323761961 | 370932 | 3761961 | RESIDENT | 3.98 | |
| 3709373761961 | 370937 | 3761961 | RESIDENT | 4.23 | |
| 3709423761961 | 370942 | 3761961 | RESIDENT | 4.46 | |
| 3708173761966 | 370817 | 3761966 | RESIDENT | 0.75 | |
| 3708223761966 | 370822 | 3761966 | RESIDENT | 0.79 | |
| 3708273761966 | 370827 | 3761966 | RESIDENT | 0.83 | |
| 3708323761966 | 370832 | 3761966 | RESIDENT | 0.87 | |
| 3708373761966 | 370837 | 3761966 | RESIDENT | 0.91 | |
| 3708423761966 | 370842 | 3761966 | RESIDENT | 0.96 | |
| 3708473761966 | 370847 | 3761966 | RESIDENT | 1.01 | |
| 3708523761966 | 370852 | 3761966 | RESIDENT | 1.07 | |
| 3708573761966 | 370857 | 3761966 | RESIDENT | 1.14 | |
| 3708623761966 | 370862 | 3761966 | RESIDENT | 1.21 | |
| 3708673761966 | 370867 | 3761966 | RESIDENT | 1.29 | |
| 3708723761966 | 370872 | 3761966 | RESIDENT | 1.38 | |
| 3708773761966 | 370877 | 3761966 | RESIDENT | 1.48 | |
| 3708823761966 | 370882 | 3761966 | RESIDENT | 1.59 | |
| 3708873761966 | 370887 | 3761966 | RESIDENT | 1.72 | |
| 3708923761966 | 370892 | 3761966 | RESIDENT | 1.86 | |
| 3708973761966 | 370897 | 3761966 | RESIDENT | 2.02 | |
| 3709123761966 | 370912 | 3761966 | RESIDENT | 2.61 | |
| 3709173761966 | 370917 | 3761966 | RESIDENT | 2.83 | |
| 3709223761966 | 370922 | 3761966 | RESIDENT | 3.07 | |
| 3709273761966 | 370927 | 3761966 | RESIDENT | 3.30 | |
| 3709323761966 | 370932 | 3761966 | RESIDENT | 3.54 | |
| 3709373761966 | 370937 | 3761966 | RESIDENT | 3.76 | |
| 3709423761966 | 370942 | 3761966 | RESIDENT | 3.97 | |
| 3709473761966 | 370947 | 3761966 | RESIDENT | 4.16 | |
| 3708223761971 | 370822 | 3761971 | RESIDENT | 0.74 | |
| 3708273761971 | 370827 | 3761971 | RESIDENT | 0.77 | |
| 3708323761971 | 370832 | 3761971 | RESIDENT | 0.81 | |
| 3708373761971 | 370837 | 3761971 | RESIDENT | 0.85 | |
| 3708423761971 | 370842 | 3761971 | RESIDENT | 0.89 | |
| 3708473761971 | 370847 | 3761971 | RESIDENT | 0.94 | |
| 3708523761971 | 370852 | 3761971 | RESIDENT | 0.99 | |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 370857.00 | 3761971.00 | 5.21E-07 | 3.44E-06 | 2.05E-02 | 1.03E+00 | 1.05E+00 |
| 370862.00 | 3761971.00 | 5.52E-07 | 3.66E-06 | 2.17E-02 | 1.10E+00 | 1.12E+00 |
| 370867.00 | 3761971.00 | 5.86E-07 | 3.89E-06 | 2.30E-02 | 1.17E+00 | 1.19E+00 |
| 370872.00 | 3761971.00 | 6.24E-07 | 4.15E-06 | 2.45E-02 | 1.24E+00 | 1.27E+00 |
| 370877.00 | 3761971.00 | 6.66E-07 | 4.45E-06 | 2.62E-02 | 1.33E+00 | 1.36E+00 |
| 370882.00 | 3761971.00 | 7.14E-07 | 4.78E-06 | 2.81E-02 | 1.43E+00 | 1.46E+00 |
| 370887.00 | 3761971.00 | 7.68E-07 | 5.15E-06 | 3.02E-02 | 1.54E+00 | 1.57E+00 |
| 370892.00 | 3761971.00 | 8.29E-07 | 5.56E-06 | 3.25E-02 | 1.67E+00 | 1.70E+00 |
| 370897.00 | 3761971.00 | 8.96E-07 | 6.02E-06 | 3.52E-02 | 1.80E+00 | 1.84E+00 |
| 370917.00 | 3761971.00 | 1.23E-06 | 8.32E-06 | 4.83E-02 | 2.49E+00 | 2.54E+00 |
| 370922.00 | 3761971.00 | 1.33E-06 | 8.99E-06 | 5.21E-02 | 2.69E+00 | 2.74E+00 |
| 370927.00 | 3761971.00 | 1.42E-06 | 9.66E-06 | 5.60E-02 | 2.90E+00 | 2.95E+00 |
| 370932.00 | 3761971.00 | 1.52E-06 | 1.03E-05 | 5.98E-02 | 3.10E+00 | 3.16E+00 |
| 370937.00 | 3761971.00 | 1.62E-06 | 1.10E-05 | 6.35E-02 | 3.29E+00 | 3.36E+00 |
| 370942.00 | 3761971.00 | 1.71E-06 | 1.16E-05 | 6.70E-02 | 3.48E+00 | 3.54E+00 |
| 370947.00 | 3761971.00 | 1.79E-06 | 1.22E-05 | 7.02E-02 | 3.65E+00 | 3.72E+00 |
| 370952.00 | 3761971.00 | 1.86E-06 | 1.27E-05 | 7.31E-02 | 3.80E+00 | 3.87E+00 |
| 370822.00 | 3761976.00 | 3.52E-07 | 2.27E-06 | 1.38E-02 | 6.80E-01 | 6.94E-01 |
| 370827.00 | 3761976.00 | 3.66E-07 | 2.37E-06 | 1.44E-02 | 7.11E-01 | 7.25E-01 |
| 370832.00 | 3761976.00 | 3.82E-07 | 2.48E-06 | 1.50E-02 | 7.44E-01 | 7.59E-01 |
| 370837.00 | 3761976.00 | 3.99E-07 | 2.60E-06 | 1.57E-02 | 7.80E-01 | 7.96E-01 |
| 370842.00 | 3761976.00 | 4.18E-07 | 2.73E-06 | 1.64E-02 | 8.19E-01 | 8.36E-01 |
| 370847.00 | 3761976.00 | 4.38E-07 | 2.88E-06 | 1.72E-02 | 8.62E-01 | 8.79E-01 |
| 370852.00 | 3761976.00 | 4.61E-07 | 3.03E-06 | 1.81E-02 | 9.08E-01 | 9.26E-01 |
| 370857.00 | 3761976.00 | 4.85E-07 | 3.20E-06 | 1.91E-02 | 9.60E-01 | 9.79E-01 |
| 370862.00 | 3761976.00 | 5.13E-07 | 3.39E-06 | 2.01E-02 | 1.02E+00 | 1.04E+00 |
| 370867.00 | 3761976.00 | 5.43E-07 | 3.60E-06 | 2.13E-02 | 1.08E+00 | 1.10E+00 |
| 370872.00 | 3761976.00 | 5.77E-07 | 3.84E-06 | 2.27E-02 | 1.15E+00 | 1.17E+00 |
| 370877.00 | 3761976.00 | 6.15E-07 | 4.10E-06 | 2.42E-02 | 1.23E+00 | 1.25E+00 |
| 370882.00 | 3761976.00 | 6.58E-07 | 4.39E-06 | 2.59E-02 | 1.32E+00 | 1.34E+00 |
| 370887.00 | 3761976.00 | 7.06E-07 | 4.72E-06 | 2.77E-02 | 1.41E+00 | 1.44E+00 |
| 370892.00 | 3761976.00 | 7.59E-07 | 5.09E-06 | 2.98E-02 | 1.52E+00 | 1.55E+00 |
| 370897.00 | 3761976.00 | 8.18E-07 | 5.49E-06 | 3.21E-02 | 1.65E+00 | 1.68E+00 |
| 370902.00 | 3761976.00 | 8.83E-07 | 5.94E-06 | 3.47E-02 | 1.78E+00 | 1.81E+00 |
| 370922.00 | 3761976.00 | 1.19E-06 | 8.08E-06 | 4.69E-02 | 2.42E+00 | 2.47E+00 |
| 370927.00 | 3761976.00 | 1.28E-06 | 8.68E-06 | 5.03E-02 | 2.60E+00 | 2.65E+00 |
| 370932.00 | 3761976.00 | 1.37E-06 | 9.27E-06 | 5.37E-02 | 2.78E+00 | 2.83E+00 |
| 370937.00 | 3761976.00 | 1.45E-06 | 9.85E-06 | 5.70E-02 | 2.95E+00 | 3.01E+00 |
| 370942.00 | 3761976.00 | 1.53E-06 | 1.04E-05 | 6.01E-02 | 3.12E+00 | 3.18E+00 |
| 370947.00 | 3761976.00 | 1.61E-06 | 1.09E-05 | 6.31E-02 | 3.28E+00 | 3.34E+00 |
| 370952.00 | 3761976.00 | 1.67E-06 | 1.14E-05 | 6.58E-02 | 3.42E+00 | 3.48E+00 |
| 370957.00 | 3761976.00 | 1.73E-06 | 1.18E-05 | 6.81E-02 | 3.54E+00 | 3.61E+00 |
| 370827.00 | 3761981.00 | 3.45E-07 | 2.23E-06 | 1.36E-02 | 6.68E-01 | 6.82E-01 |
| 370832.00 | 3761981.00 | 3.59E-07 | 2.33E-06 | 1.41E-02 | 6.98E-01 | 7.12E-01 |
| 370837.00 | 3761981.00 | 3.75E-07 | 2.44E-06 | 1.47E-02 | 7.31E-01 | 7.46E-01 |
| 370842.00 | 3761981.00 | 3.92E-07 | 2.56E-06 | 1.54E-02 | 7.67E-01 | 7.82E-01 |
| 370847.00 | 3761981.00 | 4.10E-07 | 2.69E-06 | 1.61E-02 | 8.05E-01 | 8.21E-01 |
| 370852.00 | 3761981.00 | 4.31E-07 | 2.83E-06 | 1.69E-02 | 8.47E-01 | 8.64E-01 |
| 370857.00 | 3761981.00 | 4.53E-07 | 2.98E-06 | 1.78E-02 | 8.94E-01 | 9.12E-01 |
| 370862.00 | 3761981.00 | 4.78E-07 | 3.15E-06 | 1.88E-02 | 9.45E-01 | 9.64E-01 |
| 370867.00 | 3761981.00 | 5.05E-07 | 3.35E-06 | 1.98E-02 | 1.00E+00 | 1.02E+00 |
| 370872.00 | 3761981.00 | 5.36E-07 | 3.56E-06 | 2.11E-02 | 1.07E+00 | 1.09E+00 |
| 370877.00 | 3761981.00 | 5.70E-07 | 3.79E-06 | 2.24E-02 | 1.14E+00 | 1.16E+00 |
| 370882.00 | 3761981.00 | 6.08E-07 | 4.05E-06 | 2.39E-02 | 1.21E+00 | 1.24E+00 |
| 370887.00 | 3761981.00 | 6.51E-07 | 4.35E-06 | 2.56E-02 | 1.30E+00 | 1.33E+00 |
| 370892.00 | 3761981.00 | 6.98E-07 | 4.67E-06 | 2.74E-02 | 1.40E+00 | 1.43E+00 |
| 370897.00 | 3761981.00 | 7.50E-07 | 5.03E-06 | 2.95E-02 | 1.51E+00 | 1.54E+00 |
| 370902.00 | 3761981.00 | 8.07E-07 | 5.42E-06 | 3.17E-02 | 1.62E+00 | 1.66E+00 |
| 370907.00 | 3761981.00 | 8.69E-07 | 5.85E-06 | 3.41E-02 | 1.75E+00 | 1.79E+00 |
| 370922.00 | 3761981.00 | 1.08E-06 | 7.30E-06 | 4.24E-02 | 2.19E+00 | 2.23E+00 |
| 370927.00 | 3761981.00 | 1.16E-06 | 7.82E-06 | 4.54E-02 | 2.34E+00 | 2.39E+00 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3708573761971 | 370857 | 3761971 | RESIDENT | 1.05 | |
| 3708623761971 | 370862 | 3761971 | RESIDENT | 1.12 | |
| 3708673761971 | 370867 | 3761971 | RESIDENT | 1.19 | |
| 3708723761971 | 370872 | 3761971 | RESIDENT | 1.27 | |
| 3708773761971 | 370877 | 3761971 | RESIDENT | 1.36 | |
| 3708823761971 | 370882 | 3761971 | RESIDENT | 1.46 | |
| 3708873761971 | 370887 | 3761971 | RESIDENT | 1.57 | |
| 3708923761971 | 370892 | 3761971 | RESIDENT | 1.70 | |
| 3708973761971 | 370897 | 3761971 | RESIDENT | 1.84 | |
| 3709173761971 | 370917 | 3761971 | RESIDENT | 2.54 | |
| 3709223761971 | 370922 | 3761971 | RESIDENT | 2.74 | |
| 3709273761971 | 370927 | 3761971 | RESIDENT | 2.95 | |
| 3709323761971 | 370932 | 3761971 | RESIDENT | 3.16 | |
| 3709373761971 | 370937 | 3761971 | RESIDENT | 3.36 | |
| 3709423761971 | 370942 | 3761971 | RESIDENT | 3.54 | |
| 3709473761971 | 370947 | 3761971 | RESIDENT | 3.72 | |
| 3709523761971 | 370952 | 3761971 | RESIDENT | 3.87 | |
| 3708223761976 | 370822 | 3761976 | RESIDENT | 0.69 | |
| 3708273761976 | 370827 | 3761976 | RESIDENT | 0.73 | |
| 3708323761976 | 370832 | 3761976 | RESIDENT | 0.76 | |
| 3708373761976 | 370837 | 3761976 | RESIDENT | 0.80 | |
| 3708423761976 | 370842 | 3761976 | RESIDENT | 0.84 | |
| 3708473761976 | 370847 | 3761976 | RESIDENT | 0.88 | |
| 3708523761976 | 370852 | 3761976 | RESIDENT | 0.93 | |
| 3708573761976 | 370857 | 3761976 | RESIDENT | 0.98 | |
| 3708623761976 | 370862 | 3761976 | RESIDENT | 1.04 | |
| 3708673761976 | 370867 | 3761976 | RESIDENT | 1.10 | |
| 3708723761976 | 370872 | 3761976 | RESIDENT | 1.17 | |
| 3708773761976 | 370877 | 3761976 | RESIDENT | 1.25 | |
| 3708823761976 | 370882 | 3761976 | RESIDENT | 1.34 | |
| 3708873761976 | 370887 | 3761976 | RESIDENT | 1.44 | |
| 3708923761976 | 370892 | 3761976 | RESIDENT | 1.55 | |
| 3708973761976 | 370897 | 3761976 | RESIDENT | 1.68 | |
| 3709023761976 | 370902 | 3761976 | RESIDENT | 1.81 | |
| 3709223761976 | 370922 | 3761976 | RESIDENT | 2.47 | |
| 3709273761976 | 370927 | 3761976 | RESIDENT | 2.65 | |
| 3709323761976 | 370932 | 3761976 | RESIDENT | 2.83 | |
| 3709373761976 | 370937 | 3761976 | RESIDENT | 3.01 | |
| 3709423761976 | 370942 | 3761976 | RESIDENT | 3.18 | |
| 3709473761976 | 370947 | 3761976 | RESIDENT | 3.34 | |
| 3709523761976 | 370952 | 3761976 | RESIDENT | 3.48 | |
| 3709573761976 | 370957 | 3761976 | RESIDENT | 3.61 | |
| 3708273761981 | 370827 | 3761981 | RESIDENT | 0.68 | |
| 3708323761981 | 370832 | 3761981 | RESIDENT | 0.71 | |
| 3708373761981 | 370837 | 3761981 | RESIDENT | 0.75 | |
| 3708423761981 | 370842 | 3761981 | RESIDENT | 0.78 | |
| 3708473761981 | 370847 | 3761981 | RESIDENT | 0.82 | |
| 3708523761981 | 370852 | 3761981 | RESIDENT | 0.86 | |
| 3708573761981 | 370857 | 3761981 | RESIDENT | 0.91 | |
| 3708623761981 | 370862 | 3761981 | RESIDENT | 0.96 | |
| 3708673761981 | 370867 | 3761981 | RESIDENT | 1.02 | |
| 3708723761981 | 370872 | 3761981 | RESIDENT | 1.09 | |
| 3708773761981 | 370877 | 3761981 | RESIDENT | 1.16 | |
| 3708823761981 | 370882 | 3761981 | RESIDENT | 1.24 | |
| 3708873761981 | 370887 | 3761981 | RESIDENT | 1.33 | |
| 3708923761981 | 370892 | 3761981 | RESIDENT | 1.43 | |
| 3708973761981 | 370897 | 3761981 | RESIDENT | 1.54 | |
| 3709023761981 | 370902 | 3761981 | RESIDENT | 1.66 | |
| 3709073761981 | 370907 | 3761981 | RESIDENT | 1.79 | |
| 3709223761981 | 370922 | 3761981 | RESIDENT | 2.23 | |
| 3709273761981 | 370927 | 3761981 | RESIDENT | 2.39 | |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 370932.00 | 3761981.00 | 1.23E-06 | 8.35E-06 | 4.84E-02 | 2.50E+00 | 2.55E+00 |
| 370937.00 | 3761981.00 | 1.31E-06 | 8.87E-06 | 5.13E-02 | 2.66E+00 | 2.71E+00 |
| 370942.00 | 3761981.00 | 1.38E-06 | 9.37E-06 | 5.42E-02 | 2.81E+00 | 2.86E+00 |
| 370947.00 | 3761981.00 | 1.45E-06 | 9.85E-06 | 5.69E-02 | 2.95E+00 | 3.01E+00 |
| 370952.00 | 3761981.00 | 1.51E-06 | 1.03E-05 | 5.94E-02 | 3.08E+00 | 3.14E+00 |
| 370957.00 | 3761981.00 | 1.57E-06 | 1.07E-05 | 6.16E-02 | 3.20E+00 | 3.26E+00 |
| 370832.00 | 3761986.00 | 3.39E-07 | 2.19E-06 | 1.33E-02 | 6.56E-01 | 6.70E-01 |
| 370837.00 | 3761986.00 | 3.53E-07 | 2.29E-06 | 1.39E-02 | 6.86E-01 | 7.00E-01 |
| 370842.00 | 3761986.00 | 3.68E-07 | 2.40E-06 | 1.45E-02 | 7.19E-01 | 7.33E-01 |
| 370847.00 | 3761986.00 | 3.85E-07 | 2.52E-06 | 1.51E-02 | 7.54E-01 | 7.69E-01 |
| 370852.00 | 3761986.00 | 4.03E-07 | 2.64E-06 | 1.58E-02 | 7.92E-01 | 8.08E-01 |
| 370857.00 | 3761986.00 | 4.24E-07 | 2.79E-06 | 1.66E-02 | 8.35E-01 | 8.51E-01 |
| 370862.00 | 3761986.00 | 4.46E-07 | 2.94E-06 | 1.75E-02 | 8.81E-01 | 8.99E-01 |
| 370867.00 | 3761986.00 | 4.71E-07 | 3.11E-06 | 1.85E-02 | 9.33E-01 | 9.51E-01 |
| 370872.00 | 3761986.00 | 4.99E-07 | 3.30E-06 | 1.96E-02 | 9.90E-01 | 1.01E+00 |
| 370877.00 | 3761986.00 | 5.29E-07 | 3.52E-06 | 2.08E-02 | 1.05E+00 | 1.07E+00 |
| 370882.00 | 3761986.00 | 5.63E-07 | 3.75E-06 | 2.21E-02 | 1.12E+00 | 1.15E+00 |
| 370887.00 | 3761986.00 | 6.01E-07 | 4.01E-06 | 2.36E-02 | 1.20E+00 | 1.23E+00 |
| 370892.00 | 3761986.00 | 6.43E-07 | 4.30E-06 | 2.53E-02 | 1.29E+00 | 1.31E+00 |
| 370897.00 | 3761986.00 | 6.89E-07 | 4.62E-06 | 2.71E-02 | 1.38E+00 | 1.41E+00 |
| 370902.00 | 3761986.00 | 7.40E-07 | 4.96E-06 | 2.91E-02 | 1.49E+00 | 1.52E+00 |
| 370907.00 | 3761986.00 | 7.94E-07 | 5.34E-06 | 3.12E-02 | 1.60E+00 | 1.63E+00 |
| 370927.00 | 3761986.00 | 1.05E-06 | 7.08E-06 | 4.11E-02 | 2.12E+00 | 2.16E+00 |
| 370932.00 | 3761986.00 | 1.11E-06 | 7.55E-06 | 4.38E-02 | 2.26E+00 | 2.31E+00 |
| 370937.00 | 3761986.00 | 1.18E-06 | 8.02E-06 | 4.64E-02 | 2.40E+00 | 2.45E+00 |
| 370942.00 | 3761986.00 | 1.25E-06 | 8.47E-06 | 4.90E-02 | 2.54E+00 | 2.59E+00 |
| 370947.00 | 3761986.00 | 1.31E-06 | 8.90E-06 | 5.15E-02 | 2.67E+00 | 2.72E+00 |
| 370952.00 | 3761986.00 | 1.37E-06 | 9.31E-06 | 5.38E-02 | 2.79E+00 | 2.84E+00 |
| 370957.00 | 3761986.00 | 1.42E-06 | 9.68E-06 | 5.59E-02 | 2.90E+00 | 2.96E+00 |
| 370962.00 | 3761986.00 | 1.47E-06 | 1.00E-05 | 5.77E-02 | 3.00E+00 | 3.05E+00 |
| 370832.00 | 3761991.00 | 3.19E-07 | 2.06E-06 | 1.25E-02 | 6.18E-01 | 6.30E-01 |
| 370837.00 | 3761991.00 | 3.32E-07 | 2.15E-06 | 1.31E-02 | 6.45E-01 | 6.58E-01 |
| 370842.00 | 3761991.00 | 3.46E-07 | 2.25E-06 | 1.36E-02 | 6.75E-01 | 6.88E-01 |
| 370847.00 | 3761991.00 | 3.62E-07 | 2.36E-06 | 1.42E-02 | 7.07E-01 | 7.21E-01 |
| 370852.00 | 3761991.00 | 3.79E-07 | 2.48E-06 | 1.49E-02 | 7.42E-01 | 7.57E-01 |
| 370857.00 | 3761991.00 | 3.97E-07 | 2.61E-06 | 1.56E-02 | 7.81E-01 | 7.96E-01 |
| 370862.00 | 3761991.00 | 4.17E-07 | 2.75E-06 | 1.64E-02 | 8.23E-01 | 8.40E-01 |
| 370867.00 | 3761991.00 | 4.40E-07 | 2.90E-06 | 1.73E-02 | 8.70E-01 | 8.87E-01 |
| 370872.00 | 3761991.00 | 4.65E-07 | 3.08E-06 | 1.83E-02 | 9.22E-01 | 9.40E-01 |
| 370877.00 | 3761991.00 | 4.93E-07 | 3.27E-06 | 1.94E-02 | 9.79E-01 | 9.98E-01 |
| 370882.00 | 3761991.00 | 5.23E-07 | 3.48E-06 | 2.06E-02 | 1.04E+00 | 1.06E+00 |
| 370887.00 | 3761991.00 | 5.56E-07 | 3.71E-06 | 2.19E-02 | 1.11E+00 | 1.13E+00 |
| 370892.00 | 3761991.00 | 5.95E-07 | 3.97E-06 | 2.34E-02 | 1.19E+00 | 1.21E+00 |
| 370897.00 | 3761991.00 | 6.36E-07 | 4.25E-06 | 2.50E-02 | 1.27E+00 | 1.30E+00 |
| 370902.00 | 3761991.00 | 6.80E-07 | 4.56E-06 | 2.67E-02 | 1.37E+00 | 1.39E+00 |
| 370907.00 | 3761991.00 | 7.29E-07 | 4.89E-06 | 2.86E-02 | 1.47E+00 | 1.50E+00 |
| 370912.00 | 3761991.00 | 7.81E-07 | 5.25E-06 | 3.07E-02 | 1.57E+00 | 1.60E+00 |
| 370932.00 | 3761991.00 | 1.01E-06 | 6.86E-06 | 3.98E-02 | 2.05E+00 | 2.09E+00 |
| 370937.00 | 3761991.00 | 1.07E-06 | 7.27E-06 | 4.22E-02 | 2.18E+00 | 2.22E+00 |
| 370942.00 | 3761991.00 | 1.13E-06 | 7.68E-06 | 4.45E-02 | 2.30E+00 | 2.35E+00 |
| 370947.00 | 3761991.00 | 1.19E-06 | 8.08E-06 | 4.67E-02 | 2.42E+00 | 2.47E+00 |
| 370952.00 | 3761991.00 | 1.24E-06 | 8.45E-06 | 4.89E-02 | 2.53E+00 | 2.58E+00 |
| 370957.00 | 3761991.00 | 1.29E-06 | 8.80E-06 | 5.08E-02 | 2.64E+00 | 2.69E+00 |
| 370962.00 | 3761991.00 | 1.33E-06 | 9.07E-06 | 5.24E-02 | 2.72E+00 | 2.77E+00 |
| 370967.00 | 3761991.00 | 1.37E-06 | 9.34E-06 | 5.39E-02 | 2.80E+00 | 2.85E+00 |
| 370837.00 | 3761996.00 | 3.14E-07 | 2.03E-06 | 1.23E-02 | 6.08E-01 | 6.20E-01 |
| 370842.00 | 3761996.00 | 3.26E-07 | 2.12E-06 | 1.28E-02 | 6.35E-01 | 6.48E-01 |
| 370847.00 | 3761996.00 | 3.41E-07 | 2.22E-06 | 1.34E-02 | 6.64E-01 | 6.78E-01 |
| 370852.00 | 3761996.00 | 3.56E-07 | 2.32E-06 | 1.40E-02 | 6.97E-01 | 7.10E-01 |
| 370857.00 | 3761996.00 | 3.73E-07 | 2.44E-06 | 1.46E-02 | 7.32E-01 | 7.46E-01 |
| 370862.00 | 3761996.00 | 3.91E-07 | 2.57E-06 | 1.54E-02 | 7.70E-01 | 7.86E-01 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3709323761981 | 370932 | 3761981 | RESIDENT | 2.55 | |
| 3709373761981 | 370937 | 3761981 | RESIDENT | 2.71 | |
| 3709423761981 | 370942 | 3761981 | RESIDENT | 2.86 | |
| 3709473761981 | 370947 | 3761981 | RESIDENT | 3.01 | |
| 3709523761981 | 370952 | 3761981 | RESIDENT | 3.14 | |
| 3709573761981 | 370957 | 3761981 | RESIDENT | 3.26 | |
| 3708323761986 | 370832 | 3761986 | RESIDENT | 0.67 | |
| 3708373761986 | 370837 | 3761986 | RESIDENT | 0.70 | |
| 3708423761986 | 370842 | 3761986 | RESIDENT | 0.73 | |
| 3708473761986 | 370847 | 3761986 | RESIDENT | 0.77 | |
| 3708523761986 | 370852 | 3761986 | RESIDENT | 0.81 | |
| 3708573761986 | 370857 | 3761986 | RESIDENT | 0.85 | |
| 3708623761986 | 370862 | 3761986 | RESIDENT | 0.90 | |
| 3708673761986 | 370867 | 3761986 | RESIDENT | 0.95 | |
| 3708723761986 | 370872 | 3761986 | RESIDENT | 1.01 | |
| 3708773761986 | 370877 | 3761986 | RESIDENT | 1.07 | |
| 3708823761986 | 370882 | 3761986 | RESIDENT | 1.15 | |
| 3708873761986 | 370887 | 3761986 | RESIDENT | 1.23 | |
| 3708923761986 | 370892 | 3761986 | RESIDENT | 1.31 | |
| 3708973761986 | 370897 | 3761986 | RESIDENT | 1.41 | |
| 3709023761986 | 370902 | 3761986 | RESIDENT | 1.52 | |
| 3709073761986 | 370907 | 3761986 | RESIDENT | 1.63 | |
| 3709273761986 | 370927 | 3761986 | RESIDENT | 2.16 | |
| 3709323761986 | 370932 | 3761986 | RESIDENT | 2.31 | |
| 3709373761986 | 370937 | 3761986 | RESIDENT | 2.45 | |
| 3709423761986 | 370942 | 3761986 | RESIDENT | 2.59 | |
| 3709473761986 | 370947 | 3761986 | RESIDENT | 2.72 | |
| 3709523761986 | 370952 | 3761986 | RESIDENT | 2.84 | |
| 3709573761986 | 370957 | 3761986 | RESIDENT | 2.96 | |
| 3709623761986 | 370962 | 3761986 | RESIDENT | 3.05 | |
| 3708323761991 | 370832 | 3761991 | RESIDENT | 0.63 | |
| 3708373761991 | 370837 | 3761991 | RESIDENT | 0.66 | |
| 3708423761991 | 370842 | 3761991 | RESIDENT | 0.69 | |
| 3708473761991 | 370847 | 3761991 | RESIDENT | 0.72 | |
| 3708523761991 | 370852 | 3761991 | RESIDENT | 0.76 | |
| 3708573761991 | 370857 | 3761991 | RESIDENT | 0.80 | |
| 3708623761991 | 370862 | 3761991 | RESIDENT | 0.84 | |
| 3708673761991 | 370867 | 3761991 | RESIDENT | 0.89 | |
| 3708723761991 | 370872 | 3761991 | RESIDENT | 0.94 | |
| 3708773761991 | 370877 | 3761991 | RESIDENT | 1.00 | |
| 3708823761991 | 370882 | 3761991 | RESIDENT | 1.06 | |
| 3708873761991 | 370887 | 3761991 | RESIDENT | 1.13 | |
| 3708923761991 | 370892 | 3761991 | RESIDENT | 1.21 | |
| 3708973761991 | 370897 | 3761991 | RESIDENT | 1.30 | |
| 3709023761991 | 370902 | 3761991 | RESIDENT | 1.39 | |
| 3709073761991 | 370907 | 3761991 | RESIDENT | 1.50 | |
| 3709123761991 | 370912 | 3761991 | RESIDENT | 1.60 | |
| 3709323761991 | 370932 | 3761991 | RESIDENT | 2.09 | |
| 3709373761991 | 370937 | 3761991 | RESIDENT | 2.22 | |
| 3709423761991 | 370942 | 3761991 | RESIDENT | 2.35 | |
| 3709473761991 | 370947 | 3761991 | RESIDENT | 2.47 | |
| 3709523761991 | 370952 | 3761991 | RESIDENT | 2.58 | |
| 3709573761991 | 370957 | 3761991 | RESIDENT | 2.69 | |
| 3709623761991 | 370962 | 3761991 | RESIDENT | 2.77 | |
| 3709673761991 | 370967 | 3761991 | RESIDENT | 2.85 | |
| 3708373761996 | 370837 | 3761996 | RESIDENT | 0.62 | |
| 3708423761996 | 370842 | 3761996 | RESIDENT | 0.65 | |
| 3708473761996 | 370847 | 3761996 | RESIDENT | 0.68 | |
| 3708523761996 | 370852 | 3761996 | RESIDENT | 0.71 | |
| 3708573761996 | 370857 | 3761996 | RESIDENT | 0.75 | |
| 3708623761996 | 370862 | 3761996 | RESIDENT | 0.79 | |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 370867.00 | 3761996.00 | 4.12E-07 | 2.71E-06 | 1.62E-02 | 8.13E-01 | 8.29E-01 |
| 370872.00 | 3761996.00 | 4.34E-07 | 2.87E-06 | 1.71E-02 | 8.60E-01 | 8.77E-01 |
| 370877.00 | 3761996.00 | 4.60E-07 | 3.04E-06 | 1.81E-02 | 9.12E-01 | 9.30E-01 |
| 370882.00 | 3761996.00 | 4.87E-07 | 3.23E-06 | 1.91E-02 | 9.69E-01 | 9.88E-01 |
| 370887.00 | 3761996.00 | 5.16E-07 | 3.44E-06 | 2.03E-02 | 1.03E+00 | 1.05E+00 |
| 370892.00 | 3761996.00 | 5.51E-07 | 3.67E-06 | 2.16E-02 | 1.10E+00 | 1.12E+00 |
| 370897.00 | 3761996.00 | 5.88E-07 | 3.93E-06 | 2.31E-02 | 1.18E+00 | 1.20E+00 |
| 370902.00 | 3761996.00 | 6.28E-07 | 4.20E-06 | 2.47E-02 | 1.26E+00 | 1.28E+00 |
| 370907.00 | 3761996.00 | 6.71E-07 | 4.50E-06 | 2.63E-02 | 1.35E+00 | 1.37E+00 |
| 370912.00 | 3761996.00 | 7.17E-07 | 4.82E-06 | 2.82E-02 | 1.44E+00 | 1.47E+00 |
| 370917.00 | 3761996.00 | 7.66E-07 | 5.15E-06 | 3.01E-02 | 1.54E+00 | 1.57E+00 |
| 370937.00 | 3761996.00 | 9.78E-07 | 6.62E-06 | 3.84E-02 | 1.98E+00 | 2.02E+00 |
| 370942.00 | 3761996.00 | 1.03E-06 | 6.99E-06 | 4.05E-02 | 2.09E+00 | 2.13E+00 |
| 370947.00 | 3761996.00 | 1.08E-06 | 7.35E-06 | 4.26E-02 | 2.20E+00 | 2.24E+00 |
| 370952.00 | 3761996.00 | 1.13E-06 | 7.69E-06 | 4.45E-02 | 2.31E+00 | 2.35E+00 |
| 370957.00 | 3761996.00 | 1.18E-06 | 8.02E-06 | 4.63E-02 | 2.40E+00 | 2.45E+00 |
| 370962.00 | 3761996.00 | 1.22E-06 | 8.28E-06 | 4.78E-02 | 2.48E+00 | 2.53E+00 |
| 370967.00 | 3761996.00 | 1.25E-06 | 8.54E-06 | 4.93E-02 | 2.56E+00 | 2.61E+00 |
| 370972.00 | 3761996.00 | 1.29E-06 | 8.77E-06 | 5.06E-02 | 2.63E+00 | 2.68E+00 |
| 370842.00 | 3762001.00 | 3.08E-07 | 2.00E-06 | 1.21E-02 | 5.98E-01 | 6.10E-01 |
| 370847.00 | 3762001.00 | 3.21E-07 | 2.09E-06 | 1.26E-02 | 6.25E-01 | 6.38E-01 |
| 370852.00 | 3762001.00 | 3.35E-07 | 2.19E-06 | 1.32E-02 | 6.55E-01 | 6.68E-01 |
| 370857.00 | 3762001.00 | 3.51E-07 | 2.29E-06 | 1.38E-02 | 6.87E-01 | 7.01E-01 |
| 370862.00 | 3762001.00 | 3.68E-07 | 2.41E-06 | 1.44E-02 | 7.22E-01 | 7.37E-01 |
| 370867.00 | 3762001.00 | 3.86E-07 | 2.54E-06 | 1.52E-02 | 7.61E-01 | 7.77E-01 |
| 370872.00 | 3762001.00 | 4.07E-07 | 2.68E-06 | 1.60E-02 | 8.04E-01 | 8.20E-01 |
| 370877.00 | 3762001.00 | 4.30E-07 | 2.84E-06 | 1.69E-02 | 8.51E-01 | 8.68E-01 |
| 370882.00 | 3762001.00 | 4.54E-07 | 3.01E-06 | 1.78E-02 | 9.03E-01 | 9.20E-01 |
| 370887.00 | 3762001.00 | 4.82E-07 | 3.20E-06 | 1.89E-02 | 9.59E-01 | 9.78E-01 |
| 370892.00 | 3762001.00 | 5.12E-07 | 3.41E-06 | 2.01E-02 | 1.02E+00 | 1.04E+00 |
| 370897.00 | 3762001.00 | 5.45E-07 | 3.64E-06 | 2.14E-02 | 1.09E+00 | 1.11E+00 |
| 370902.00 | 3762001.00 | 5.81E-07 | 3.88E-06 | 2.28E-02 | 1.16E+00 | 1.19E+00 |
| 370907.00 | 3762001.00 | 6.19E-07 | 4.15E-06 | 2.43E-02 | 1.24E+00 | 1.27E+00 |
| 370912.00 | 3762001.00 | 6.60E-07 | 4.43E-06 | 2.59E-02 | 1.33E+00 | 1.35E+00 |
| 370917.00 | 3762001.00 | 7.04E-07 | 4.73E-06 | 2.76E-02 | 1.42E+00 | 1.45E+00 |
| 370922.00 | 3762001.00 | 7.49E-07 | 5.05E-06 | 2.94E-02 | 1.51E+00 | 1.54E+00 |
| 370937.00 | 3762001.00 | 8.94E-07 | 6.04E-06 | 3.51E-02 | 1.81E+00 | 1.85E+00 |
| 370942.00 | 3762001.00 | 9.42E-07 | 6.38E-06 | 3.70E-02 | 1.91E+00 | 1.95E+00 |
| 370947.00 | 3762001.00 | 9.90E-07 | 6.71E-06 | 3.89E-02 | 2.01E+00 | 2.05E+00 |
| 370952.00 | 3762001.00 | 1.04E-06 | 7.02E-06 | 4.07E-02 | 2.10E+00 | 2.15E+00 |
| 370957.00 | 3762001.00 | 1.08E-06 | 7.32E-06 | 4.24E-02 | 2.19E+00 | 2.24E+00 |
| 370962.00 | 3762001.00 | 1.12E-06 | 7.60E-06 | 4.39E-02 | 2.28E+00 | 2.32E+00 |
| 370967.00 | 3762001.00 | 1.15E-06 | 7.85E-06 | 4.54E-02 | 2.35E+00 | 2.40E+00 |
| 370972.00 | 3762001.00 | 1.19E-06 | 8.07E-06 | 4.66E-02 | 2.42E+00 | 2.46E+00 |
| 370847.00 | 3762006.00 | 3.03E-07 | 1.97E-06 | 1.19E-02 | 5.89E-01 | 6.01E-01 |
| 370852.00 | 3762006.00 | 3.16E-07 | 2.06E-06 | 1.24E-02 | 6.16E-01 | 6.29E-01 |
| 370857.00 | 3762006.00 | 3.30E-07 | 2.16E-06 | 1.30E-02 | 6.46E-01 | 6.59E-01 |
| 370862.00 | 3762006.00 | 3.46E-07 | 2.26E-06 | 1.36E-02 | 6.79E-01 | 6.92E-01 |
| 370867.00 | 3762006.00 | 3.63E-07 | 2.38E-06 | 1.43E-02 | 7.14E-01 | 7.28E-01 |
| 370872.00 | 3762006.00 | 3.82E-07 | 2.51E-06 | 1.50E-02 | 7.53E-01 | 7.68E-01 |
| 370877.00 | 3762006.00 | 4.02E-07 | 2.66E-06 | 1.58E-02 | 7.96E-01 | 8.12E-01 |
| 370882.00 | 3762006.00 | 4.25E-07 | 2.81E-06 | 1.67E-02 | 8.43E-01 | 8.60E-01 |
| 370887.00 | 3762006.00 | 4.50E-07 | 2.99E-06 | 1.77E-02 | 8.95E-01 | 9.12E-01 |
| 370892.00 | 3762006.00 | 4.77E-07 | 3.17E-06 | 1.87E-02 | 9.51E-01 | 9.69E-01 |
| 370897.00 | 3762006.00 | 5.07E-07 | 3.38E-06 | 1.99E-02 | 1.01E+00 | 1.03E+00 |
| 370902.00 | 3762006.00 | 5.39E-07 | 3.60E-06 | 2.12E-02 | 1.08E+00 | 1.10E+00 |
| 370907.00 | 3762006.00 | 5.73E-07 | 3.83E-06 | 2.25E-02 | 1.15E+00 | 1.17E+00 |
| 370912.00 | 3762006.00 | 6.10E-07 | 4.09E-06 | 2.40E-02 | 1.23E+00 | 1.25E+00 |
| 370917.00 | 3762006.00 | 6.49E-07 | 4.36E-06 | 2.55E-02 | 1.31E+00 | 1.33E+00 |
| 370922.00 | 3762006.00 | 6.89E-07 | 4.64E-06 | 2.71E-02 | 1.39E+00 | 1.42E+00 |
| 370942.00 | 3762006.00 | 8.63E-07 | 5.84E-06 | 3.39E-02 | 1.75E+00 | 1.78E+00 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3708673761996 | 370867 | 3761996 | RESIDENT | 0.83 | |
| 3708723761996 | 370872 | 3761996 | RESIDENT | 0.88 | |
| 3708773761996 | 370877 | 3761996 | RESIDENT | 0.93 | |
| 3708823761996 | 370882 | 3761996 | RESIDENT | 0.99 | |
| 3708873761996 | 370887 | 3761996 | RESIDENT | 1.05 | |
| 3708923761996 | 370892 | 3761996 | RESIDENT | 1.12 | |
| 3708973761996 | 370897 | 3761996 | RESIDENT | 1.20 | |
| 3709023761996 | 370902 | 3761996 | RESIDENT | 1.28 | |
| 3709073761996 | 370907 | 3761996 | RESIDENT | 1.37 | |
| 3709123761996 | 370912 | 3761996 | RESIDENT | 1.47 | |
| 3709173761996 | 370917 | 3761996 | RESIDENT | 1.57 | |
| 3709373761996 | 370937 | 3761996 | RESIDENT | 2.02 | |
| 3709423761996 | 370942 | 3761996 | RESIDENT | 2.13 | |
| 3709473761996 | 370947 | 3761996 | RESIDENT | 2.24 | |
| 3709523761996 | 370952 | 3761996 | RESIDENT | 2.35 | |
| 3709573761996 | 370957 | 3761996 | RESIDENT | 2.45 | |
| 3709623761996 | 370962 | 3761996 | RESIDENT | 2.53 | |
| 3709673761996 | 370967 | 3761996 | RESIDENT | 2.61 | |
| 3709723761996 | 370972 | 3761996 | RESIDENT | 2.68 | |
| 3708423762001 | 370842 | 3762001 | RESIDENT | 0.61 | |
| 3708473762001 | 370847 | 3762001 | RESIDENT | 0.64 | |
| 3708523762001 | 370852 | 3762001 | RESIDENT | 0.67 | |
| 3708573762001 | 370857 | 3762001 | RESIDENT | 0.70 | |
| 3708623762001 | 370862 | 3762001 | RESIDENT | 0.74 | |
| 3708673762001 | 370867 | 3762001 | RESIDENT | 0.78 | |
| 3708723762001 | 370872 | 3762001 | RESIDENT | 0.82 | |
| 3708773762001 | 370877 | 3762001 | RESIDENT | 0.87 | |
| 3708823762001 | 370882 | 3762001 | RESIDENT | 0.92 | |
| 3708873762001 | 370887 | 3762001 | RESIDENT | 0.98 | |
| 3708923762001 | 370892 | 3762001 | RESIDENT | 1.04 | |
| 3708973762001 | 370897 | 3762001 | RESIDENT | 1.11 | |
| 3709023762001 | 370902 | 3762001 | RESIDENT | 1.19 | |
| 3709073762001 | 370907 | 3762001 | RESIDENT | 1.27 | |
| 3709123762001 | 370912 | 3762001 | RESIDENT | 1.35 | |
| 3709173762001 | 370917 | 3762001 | RESIDENT | 1.45 | |
| 3709223762001 | 370922 | 3762001 | RESIDENT | 1.54 | |
| 3709373762001 | 370937 | 3762001 | RESIDENT | 1.85 | |
| 3709423762001 | 370942 | 3762001 | RESIDENT | 1.95 | |
| 3709473762001 | 370947 | 3762001 | RESIDENT | 2.05 | |
| 3709523762001 | 370952 | 3762001 | RESIDENT | 2.15 | |
| 3709573762001 | 370957 | 3762001 | RESIDENT | 2.24 | |
| 3709623762001 | 370962 | 3762001 | RESIDENT | 2.32 | |
| 3709673762001 | 370967 | 3762001 | RESIDENT | 2.40 | |
| 3709723762001 | 370972 | 3762001 | RESIDENT | 2.46 | |
| 3708473762006 | 370847 | 3762006 | RESIDENT | 0.60 | |
| 3708523762006 | 370852 | 3762006 | RESIDENT | 0.63 | |
| 3708573762006 | 370857 | 3762006 | RESIDENT | 0.66 | |
| 3708623762006 | 370862 | 3762006 | RESIDENT | 0.69 | |
| 3708673762006 | 370867 | 3762006 | RESIDENT | 0.73 | |
| 3708723762006 | 370872 | 3762006 | RESIDENT | 0.77 | |
| 3708773762006 | 370877 | 3762006 | RESIDENT | 0.81 | |
| 3708823762006 | 370882 | 3762006 | RESIDENT | 0.86 | |
| 3708873762006 | 370887 | 3762006 | RESIDENT | 0.91 | |
| 3708923762006 | 370892 | 3762006 | RESIDENT | 0.97 | |
| 3708973762006 | 370897 | 3762006 | RESIDENT | 1.03 | |
| 3709023762006 | 370902 | 3762006 | RESIDENT | 1.10 | |
| 3709073762006 | 370907 | 3762006 | RESIDENT | 1.17 | |
| 3709123762006 | 370912 | 3762006 | RESIDENT | 1.25 | |
| 3709173762006 | 370917 | 3762006 | RESIDENT | 1.33 | |
| 3709223762006 | 370922 | 3762006 | RESIDENT | 1.42 | |
| 3709423762006 | 370942 | 3762006 | RESIDENT | 1.78 | |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 370947.00 | 3762006.00 | 9.07E-07 | 6.14E-06 | 3.56E-02 | 1.84E+00 | 1.87E+00 |
| 370952.00 | 3762006.00 | 9.48E-07 | 6.43E-06 | 3.73E-02 | 1.93E+00 | 1.96E+00 |
| 370957.00 | 3762006.00 | 9.89E-07 | 6.71E-06 | 3.88E-02 | 2.01E+00 | 2.05E+00 |
| 370962.00 | 3762006.00 | 1.03E-06 | 6.97E-06 | 4.03E-02 | 2.09E+00 | 2.13E+00 |
| 370967.00 | 3762006.00 | 1.06E-06 | 7.21E-06 | 4.17E-02 | 2.16E+00 | 2.20E+00 |
| 370972.00 | 3762006.00 | 1.09E-06 | 7.42E-06 | 4.29E-02 | 2.22E+00 | 2.27E+00 |
| 370977.00 | 3762006.00 | 1.12E-06 | 7.61E-06 | 4.39E-02 | 2.28E+00 | 2.32E+00 |
| 370847.00 | 3762011.00 | 2.87E-07 | 1.86E-06 | 1.13E-02 | 5.56E-01 | 5.68E-01 |
| 370852.00 | 3762011.00 | 2.99E-07 | 1.94E-06 | 1.17E-02 | 5.81E-01 | 5.93E-01 |
| 370857.00 | 3762011.00 | 3.12E-07 | 2.03E-06 | 1.23E-02 | 6.09E-01 | 6.21E-01 |
| 370862.00 | 3762011.00 | 3.26E-07 | 2.13E-06 | 1.28E-02 | 6.39E-01 | 6.51E-01 |
| 370867.00 | 3762011.00 | 3.42E-07 | 2.24E-06 | 1.34E-02 | 6.71E-01 | 6.85E-01 |
| 370872.00 | 3762011.00 | 3.59E-07 | 2.36E-06 | 1.41E-02 | 7.07E-01 | 7.21E-01 |
| 370877.00 | 3762011.00 | 3.78E-07 | 2.49E-06 | 1.48E-02 | 7.46E-01 | 7.61E-01 |
| 370882.00 | 3762011.00 | 3.98E-07 | 2.63E-06 | 1.56E-02 | 7.89E-01 | 8.04E-01 |
| 370887.00 | 3762011.00 | 4.21E-07 | 2.79E-06 | 1.65E-02 | 8.35E-01 | 8.52E-01 |
| 370892.00 | 3762011.00 | 4.45E-07 | 2.96E-06 | 1.75E-02 | 8.86E-01 | 9.03E-01 |
| 370897.00 | 3762011.00 | 4.71E-07 | 3.14E-06 | 1.85E-02 | 9.40E-01 | 9.59E-01 |
| 370902.00 | 3762011.00 | 5.01E-07 | 3.34E-06 | 1.97E-02 | 1.00E+00 | 1.02E+00 |
| 370907.00 | 3762011.00 | 5.32E-07 | 3.55E-06 | 2.09E-02 | 1.06E+00 | 1.09E+00 |
| 370912.00 | 3762011.00 | 5.65E-07 | 3.78E-06 | 2.22E-02 | 1.13E+00 | 1.16E+00 |
| 370917.00 | 3762011.00 | 6.00E-07 | 4.02E-06 | 2.36E-02 | 1.21E+00 | 1.23E+00 |
| 370922.00 | 3762011.00 | 6.36E-07 | 4.28E-06 | 2.50E-02 | 1.28E+00 | 1.31E+00 |
| 370927.00 | 3762011.00 | 6.74E-07 | 4.54E-06 | 2.65E-02 | 1.36E+00 | 1.39E+00 |
| 370947.00 | 3762011.00 | 8.33E-07 | 5.63E-06 | 3.27E-02 | 1.69E+00 | 1.72E+00 |
| 370952.00 | 3762011.00 | 8.71E-07 | 5.90E-06 | 3.42E-02 | 1.77E+00 | 1.80E+00 |
| 370957.00 | 3762011.00 | 9.08E-07 | 6.16E-06 | 3.57E-02 | 1.84E+00 | 1.88E+00 |
| 370962.00 | 3762011.00 | 9.43E-07 | 6.40E-06 | 3.71E-02 | 1.92E+00 | 1.95E+00 |
| 370967.00 | 3762011.00 | 9.76E-07 | 6.63E-06 | 3.83E-02 | 1.99E+00 | 2.02E+00 |
| 370972.00 | 3762011.00 | 1.01E-06 | 6.83E-06 | 3.95E-02 | 2.05E+00 | 2.09E+00 |
| 370977.00 | 3762011.00 | 1.03E-06 | 7.02E-06 | 4.06E-02 | 2.10E+00 | 2.14E+00 |
| 370982.00 | 3762011.00 | 1.06E-06 | 7.18E-06 | 4.15E-02 | 2.15E+00 | 2.19E+00 |
| 370852.00 | 3762016.00 | 2.83E-07 | 1.83E-06 | 1.11E-02 | 5.49E-01 | 5.60E-01 |
| 370857.00 | 3762016.00 | 2.95E-07 | 1.92E-06 | 1.16E-02 | 5.74E-01 | 5.86E-01 |
| 370862.00 | 3762016.00 | 3.08E-07 | 2.01E-06 | 1.21E-02 | 6.02E-01 | 6.14E-01 |
| 370867.00 | 3762016.00 | 3.22E-07 | 2.11E-06 | 1.27E-02 | 6.32E-01 | 6.44E-01 |
| 370872.00 | 3762016.00 | 3.38E-07 | 2.22E-06 | 1.33E-02 | 6.64E-01 | 6.78E-01 |
| 370877.00 | 3762016.00 | 3.55E-07 | 2.34E-06 | 1.39E-02 | 7.00E-01 | 7.14E-01 |
| 370882.00 | 3762016.00 | 3.74E-07 | 2.47E-06 | 1.47E-02 | 7.39E-01 | 7.54E-01 |
| 370887.00 | 3762016.00 | 3.94E-07 | 2.61E-06 | 1.55E-02 | 7.81E-01 | 7.97E-01 |
| 370892.00 | 3762016.00 | 4.15E-07 | 2.75E-06 | 1.63E-02 | 8.25E-01 | 8.42E-01 |
| 370897.00 | 3762016.00 | 4.39E-07 | 2.92E-06 | 1.72E-02 | 8.74E-01 | 8.91E-01 |
| 370902.00 | 3762016.00 | 4.66E-07 | 3.11E-06 | 1.83E-02 | 9.31E-01 | 9.49E-01 |
| 370907.00 | 3762016.00 | 4.94E-07 | 3.30E-06 | 1.94E-02 | 9.89E-01 | 1.01E+00 |
| 370912.00 | 3762016.00 | 5.24E-07 | 3.51E-06 | 2.06E-02 | 1.05E+00 | 1.07E+00 |
| 370917.00 | 3762016.00 | 5.56E-07 | 3.72E-06 | 2.18E-02 | 1.12E+00 | 1.14E+00 |
| 370922.00 | 3762016.00 | 5.89E-07 | 3.95E-06 | 2.31E-02 | 1.18E+00 | 1.21E+00 |
| 370927.00 | 3762016.00 | 6.23E-07 | 4.19E-06 | 2.45E-02 | 1.26E+00 | 1.28E+00 |
| 370932.00 | 3762016.00 | 6.58E-07 | 4.43E-06 | 2.59E-02 | 1.33E+00 | 1.35E+00 |
| 370947.00 | 3762016.00 | 7.67E-07 | 5.18E-06 | 3.01E-02 | 1.55E+00 | 1.58E+00 |
| 370952.00 | 3762016.00 | 8.02E-07 | 5.43E-06 | 3.15E-02 | 1.63E+00 | 1.66E+00 |
| 370957.00 | 3762016.00 | 8.36E-07 | 5.66E-06 | 3.29E-02 | 1.70E+00 | 1.73E+00 |
| 370962.00 | 3762016.00 | 8.69E-07 | 5.89E-06 | 3.41E-02 | 1.77E+00 | 1.80E+00 |
| 370967.00 | 3762016.00 | 9.00E-07 | 6.10E-06 | 3.54E-02 | 1.83E+00 | 1.86E+00 |
| 370972.00 | 3762016.00 | 9.28E-07 | 6.30E-06 | 3.65E-02 | 1.89E+00 | 1.93E+00 |
| 370977.00 | 3762016.00 | 9.54E-07 | 6.48E-06 | 3.75E-02 | 1.94E+00 | 1.98E+00 |
| 370982.00 | 3762016.00 | 9.77E-07 | 6.64E-06 | 3.84E-02 | 1.99E+00 | 2.03E+00 |
| 370857.00 | 3762021.00 | 2.79E-07 | 1.81E-06 | 1.10E-02 | 5.43E-01 | 5.54E-01 |
| 370862.00 | 3762021.00 | 2.91E-07 | 1.90E-06 | 1.14E-02 | 5.68E-01 | 5.79E-01 |
| 370867.00 | 3762021.00 | 3.04E-07 | 1.99E-06 | 1.20E-02 | 5.95E-01 | 6.07E-01 |
| 370872.00 | 3762021.00 | 3.19E-07 | 2.09E-06 | 1.25E-02 | 6.26E-01 | 6.38E-01 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3709473762006 | 370947 | 3762006 | RESIDENT | 1.87 | |
| 3709523762006 | 370952 | 3762006 | RESIDENT | 1.96 | |
| 3709573762006 | 370957 | 3762006 | RESIDENT | 2.05 | |
| 3709623762006 | 370962 | 3762006 | RESIDENT | 2.13 | |
| 3709673762006 | 370967 | 3762006 | RESIDENT | 2.20 | |
| 3709723762006 | 370972 | 3762006 | RESIDENT | 2.27 | |
| 3709773762006 | 370977 | 3762006 | RESIDENT | 2.32 | |
| 3708473762011 | 370847 | 3762011 | RESIDENT | 0.57 | |
| 3708523762011 | 370852 | 3762011 | RESIDENT | 0.59 | |
| 3708573762011 | 370857 | 3762011 | RESIDENT | 0.62 | |
| 3708623762011 | 370862 | 3762011 | RESIDENT | 0.65 | |
| 3708673762011 | 370867 | 3762011 | RESIDENT | 0.68 | |
| 3708723762011 | 370872 | 3762011 | RESIDENT | 0.72 | |
| 3708773762011 | 370877 | 3762011 | RESIDENT | 0.76 | |
| 3708823762011 | 370882 | 3762011 | RESIDENT | 0.80 | |
| 3708873762011 | 370887 | 3762011 | RESIDENT | 0.85 | |
| 3708923762011 | 370892 | 3762011 | RESIDENT | 0.90 | |
| 3708973762011 | 370897 | 3762011 | RESIDENT | 0.96 | |
| 3709023762011 | 370902 | 3762011 | RESIDENT | 1.02 | |
| 3709073762011 | 370907 | 3762011 | RESIDENT | 1.09 | |
| 3709123762011 | 370912 | 3762011 | RESIDENT | 1.16 | |
| 3709173762011 | 370917 | 3762011 | RESIDENT | 1.23 | |
| 3709223762011 | 370922 | 3762011 | RESIDENT | 1.31 | |
| 3709273762011 | 370927 | 3762011 | RESIDENT | 1.39 | |
| 3709473762011 | 370947 | 3762011 | RESIDENT | 1.72 | |
| 3709523762011 | 370952 | 3762011 | RESIDENT | 1.80 | |
| 3709573762011 | 370957 | 3762011 | RESIDENT | 1.88 | |
| 3709623762011 | 370962 | 3762011 | RESIDENT | 1.95 | |
| 3709673762011 | 370967 | 3762011 | RESIDENT | 2.02 | |
| 3709723762011 | 370972 | 3762011 | RESIDENT | 2.09 | |
| 3709773762011 | 370977 | 3762011 | RESIDENT | 2.14 | |
| 3709823762011 | 370982 | 3762011 | RESIDENT | 2.19 | |
| 3708523762016 | 370852 | 3762016 | RESIDENT | 0.56 | |
| 3708573762016 | 370857 | 3762016 | RESIDENT | 0.59 | |
| 3708623762016 | 370862 | 3762016 | RESIDENT | 0.61 | |
| 3708673762016 | 370867 | 3762016 | RESIDENT | 0.64 | |
| 3708723762016 | 370872 | 3762016 | RESIDENT | 0.68 | |
| 3708773762016 | 370877 | 3762016 | RESIDENT | 0.71 | |
| 3708823762016 | 370882 | 3762016 | RESIDENT | 0.75 | |
| 3708873762016 | 370887 | 3762016 | RESIDENT | 0.80 | |
| 3708923762016 | 370892 | 3762016 | RESIDENT | 0.84 | |
| 3708973762016 | 370897 | 3762016 | RESIDENT | 0.89 | |
| 3709023762016 | 370902 | 3762016 | RESIDENT | 0.95 | |
| 3709073762016 | 370907 | 3762016 | RESIDENT | 1.01 | |
| 3709123762016 | 370912 | 3762016 | RESIDENT | 1.07 | |
| 3709173762016 | 370917 | 3762016 | RESIDENT | 1.14 | |
| 3709223762016 | 370922 | 3762016 | RESIDENT | 1.21 | |
| 3709273762016 | 370927 | 3762016 | RESIDENT | 1.28 | |
| 3709323762016 | 370932 | 3762016 | RESIDENT | 1.35 | |
| 3709473762016 | 370947 | 3762016 | RESIDENT | 1.58 | |
| 3709523762016 | 370952 | 3762016 | RESIDENT | 1.66 | |
| 3709573762016 | 370957 | 3762016 | RESIDENT | 1.73 | |
| 3709623762016 | 370962 | 3762016 | RESIDENT | 1.80 | |
| 3709673762016 | 370967 | 3762016 | RESIDENT | 1.86 | |
| 3709723762016 | 370972 | 3762016 | RESIDENT | 1.93 | |
| 3709773762016 | 370977 | 3762016 | RESIDENT | 1.98 | |
| 3709823762016 | 370982 | 3762016 | RESIDENT | 2.03 | |
| 3708573762021 | 370857 | 3762021 | RESIDENT | 0.55 | |
| 3708623762021 | 370862 | 3762021 | RESIDENT | 0.58 | |
| 3708673762021 | 370867 | 3762021 | RESIDENT | 0.61 | |
| 3708723762021 | 370872 | 3762021 | RESIDENT | 0.64 | |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 370877.00 | 3762021.00 | 3.34E-07 | 2.20E-06 | 1.31E-02 | 6.58E-01 | 6.71E-01 |
| 370882.00 | 3762021.00 | 3.51E-07 | 2.32E-06 | 1.38E-02 | 6.94E-01 | 7.08E-01 |
| 370887.00 | 3762021.00 | 3.68E-07 | 2.43E-06 | 1.45E-02 | 7.28E-01 | 7.42E-01 |
| 370892.00 | 3762021.00 | 3.87E-07 | 2.56E-06 | 1.52E-02 | 7.67E-01 | 7.83E-01 |
| 370897.00 | 3762021.00 | 4.08E-07 | 2.71E-06 | 1.60E-02 | 8.12E-01 | 8.28E-01 |
| 370902.00 | 3762021.00 | 4.33E-07 | 2.88E-06 | 1.70E-02 | 8.63E-01 | 8.80E-01 |
| 370907.00 | 3762021.00 | 4.60E-07 | 3.07E-06 | 1.81E-02 | 9.19E-01 | 9.37E-01 |
| 370912.00 | 3762021.00 | 4.88E-07 | 3.26E-06 | 1.92E-02 | 9.76E-01 | 9.96E-01 |
| 370917.00 | 3762021.00 | 5.16E-07 | 3.45E-06 | 2.03E-02 | 1.04E+00 | 1.06E+00 |
| 370922.00 | 3762021.00 | 5.46E-07 | 3.66E-06 | 2.14E-02 | 1.10E+00 | 1.12E+00 |
| 370927.00 | 3762021.00 | 5.77E-07 | 3.87E-06 | 2.27E-02 | 1.16E+00 | 1.18E+00 |
| 370932.00 | 3762021.00 | 6.09E-07 | 4.10E-06 | 2.39E-02 | 1.23E+00 | 1.25E+00 |
| 370952.00 | 3762021.00 | 7.40E-07 | 5.00E-06 | 2.91E-02 | 1.50E+00 | 1.53E+00 |
| 370957.00 | 3762021.00 | 7.72E-07 | 5.22E-06 | 3.03E-02 | 1.56E+00 | 1.60E+00 |
| 370962.00 | 3762021.00 | 8.02E-07 | 5.43E-06 | 3.15E-02 | 1.63E+00 | 1.66E+00 |
| 370967.00 | 3762021.00 | 8.31E-07 | 5.63E-06 | 3.27E-02 | 1.69E+00 | 1.72E+00 |
| 370972.00 | 3762021.00 | 8.58E-07 | 5.82E-06 | 3.37E-02 | 1.74E+00 | 1.78E+00 |
| 370977.00 | 3762021.00 | 8.83E-07 | 6.00E-06 | 3.47E-02 | 1.80E+00 | 1.83E+00 |
| 370982.00 | 3762021.00 | 9.05E-07 | 6.15E-06 | 3.56E-02 | 1.84E+00 | 1.88E+00 |
| 370987.00 | 3762021.00 | 9.24E-07 | 6.28E-06 | 3.63E-02 | 1.88E+00 | 1.92E+00 |
| 370862.00 | 3762026.00 | 2.76E-07 | 1.79E-06 | 1.08E-02 | 5.37E-01 | 5.48E-01 |
| 370867.00 | 3762026.00 | 2.88E-07 | 1.88E-06 | 1.13E-02 | 5.62E-01 | 5.73E-01 |
| 370872.00 | 3762026.00 | 3.01E-07 | 1.97E-06 | 1.18E-02 | 5.90E-01 | 6.02E-01 |
| 370877.00 | 3762026.00 | 3.15E-07 | 2.07E-06 | 1.24E-02 | 6.20E-01 | 6.32E-01 |
| 370882.00 | 3762026.00 | 3.30E-07 | 2.17E-06 | 1.30E-02 | 6.51E-01 | 6.64E-01 |
| 370887.00 | 3762026.00 | 3.45E-07 | 2.27E-06 | 1.35E-02 | 6.81E-01 | 6.94E-01 |
| 370892.00 | 3762026.00 | 3.62E-07 | 2.39E-06 | 1.42E-02 | 7.17E-01 | 7.31E-01 |
| 370897.00 | 3762026.00 | 3.81E-07 | 2.53E-06 | 1.50E-02 | 7.57E-01 | 7.72E-01 |
| 370902.00 | 3762026.00 | 4.04E-07 | 2.68E-06 | 1.59E-02 | 8.04E-01 | 8.20E-01 |
| 370907.00 | 3762026.00 | 4.28E-07 | 2.85E-06 | 1.68E-02 | 8.54E-01 | 8.71E-01 |
| 370912.00 | 3762026.00 | 4.54E-07 | 3.03E-06 | 1.78E-02 | 9.08E-01 | 9.26E-01 |
| 370917.00 | 3762026.00 | 4.81E-07 | 3.21E-06 | 1.89E-02 | 9.63E-01 | 9.82E-01 |
| 370922.00 | 3762026.00 | 5.08E-07 | 3.40E-06 | 1.99E-02 | 1.02E+00 | 1.04E+00 |
| 370927.00 | 3762026.00 | 5.36E-07 | 3.59E-06 | 2.10E-02 | 1.08E+00 | 1.10E+00 |
| 370932.00 | 3762026.00 | 5.65E-07 | 3.79E-06 | 2.22E-02 | 1.14E+00 | 1.16E+00 |
| 370937.00 | 3762026.00 | 5.94E-07 | 4.00E-06 | 2.34E-02 | 1.20E+00 | 1.22E+00 |
| 370957.00 | 3762026.00 | 7.14E-07 | 4.83E-06 | 2.80E-02 | 1.45E+00 | 1.47E+00 |
| 370962.00 | 3762026.00 | 7.42E-07 | 5.02E-06 | 2.92E-02 | 1.51E+00 | 1.53E+00 |
| 370967.00 | 3762026.00 | 7.69E-07 | 5.21E-06 | 3.02E-02 | 1.56E+00 | 1.59E+00 |
| 370972.00 | 3762026.00 | 7.95E-07 | 5.39E-06 | 3.12E-02 | 1.61E+00 | 1.65E+00 |
| 370977.00 | 3762026.00 | 8.19E-07 | 5.55E-06 | 3.22E-02 | 1.66E+00 | 1.70E+00 |
| 370982.00 | 3762026.00 | 8.40E-07 | 5.70E-06 | 3.30E-02 | 1.71E+00 | 1.74E+00 |
| 370987.00 | 3762026.00 | 8.59E-07 | 5.83E-06 | 3.37E-02 | 1.75E+00 | 1.78E+00 |
| 370992.00 | 3762026.00 | 8.75E-07 | 5.95E-06 | 3.44E-02 | 1.78E+00 | 1.82E+00 |
| 370862.00 | 3762031.00 | 2.61E-07 | 1.70E-06 | 1.03E-02 | 5.08E-01 | 5.18E-01 |
| 370867.00 | 3762031.00 | 2.73E-07 | 1.77E-06 | 1.07E-02 | 5.31E-01 | 5.42E-01 |
| 370872.00 | 3762031.00 | 2.85E-07 | 1.86E-06 | 1.12E-02 | 5.57E-01 | 5.68E-01 |
| 370877.00 | 3762031.00 | 2.98E-07 | 1.95E-06 | 1.17E-02 | 5.85E-01 | 5.96E-01 |
| 370882.00 | 3762031.00 | 3.12E-07 | 2.05E-06 | 1.23E-02 | 6.15E-01 | 6.27E-01 |
| 370887.00 | 3762031.00 | 3.26E-07 | 2.15E-06 | 1.28E-02 | 6.44E-01 | 6.57E-01 |
| 370892.00 | 3762031.00 | 3.42E-07 | 2.26E-06 | 1.34E-02 | 6.77E-01 | 6.91E-01 |
| 370897.00 | 3762031.00 | 3.60E-07 | 2.38E-06 | 1.41E-02 | 7.14E-01 | 7.28E-01 |
| 370902.00 | 3762031.00 | 3.80E-07 | 2.52E-06 | 1.49E-02 | 7.54E-01 | 7.69E-01 |
| 370907.00 | 3762031.00 | 4.01E-07 | 2.67E-06 | 1.58E-02 | 7.99E-01 | 8.15E-01 |
| 370912.00 | 3762031.00 | 4.25E-07 | 2.83E-06 | 1.67E-02 | 8.49E-01 | 8.65E-01 |
| 370917.00 | 3762031.00 | 4.48E-07 | 2.99E-06 | 1.76E-02 | 8.97E-01 | 9.15E-01 |
| 370922.00 | 3762031.00 | 4.73E-07 | 3.16E-06 | 1.86E-02 | 9.48E-01 | 9.66E-01 |
| 370927.00 | 3762031.00 | 4.98E-07 | 3.34E-06 | 1.96E-02 | 1.00E+00 | 1.02E+00 |
| 370932.00 | 3762031.00 | 5.25E-07 | 3.52E-06 | 2.06E-02 | 1.06E+00 | 1.08E+00 |
| 370937.00 | 3762031.00 | 5.52E-07 | 3.71E-06 | 2.17E-02 | 1.11E+00 | 1.13E+00 |
| 370942.00 | 3762031.00 | 5.79E-07 | 3.90E-06 | 2.28E-02 | 1.17E+00 | 1.19E+00 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3708773762021 | 370877 | 3762021 | RESIDENT | 0.67 | |
| 3708823762021 | 370882 | 3762021 | RESIDENT | 0.71 | |
| 3708873762021 | 370887 | 3762021 | RESIDENT | 0.74 | |
| 3708923762021 | 370892 | 3762021 | RESIDENT | 0.78 | |
| 3708973762021 | 370897 | 3762021 | RESIDENT | 0.83 | |
| 3709023762021 | 370902 | 3762021 | RESIDENT | 0.88 | |
| 3709073762021 | 370907 | 3762021 | RESIDENT | 0.94 | |
| 3709123762021 | 370912 | 3762021 | RESIDENT | 1.00 | |
| 3709173762021 | 370917 | 3762021 | RESIDENT | 1.06 | |
| 3709223762021 | 370922 | 3762021 | RESIDENT | 1.12 | |
| 3709273762021 | 370927 | 3762021 | RESIDENT | 1.18 | |
| 3709323762021 | 370932 | 3762021 | RESIDENT | 1.25 | |
| 3709523762021 | 370952 | 3762021 | RESIDENT | 1.53 | |
| 3709573762021 | 370957 | 3762021 | RESIDENT | 1.60 | |
| 3709623762021 | 370962 | 3762021 | RESIDENT | 1.66 | |
| 3709673762021 | 370967 | 3762021 | RESIDENT | 1.72 | |
| 3709723762021 | 370972 | 3762021 | RESIDENT | 1.78 | |
| 3709773762021 | 370977 | 3762021 | RESIDENT | 1.83 | |
| 3709823762021 | 370982 | 3762021 | RESIDENT | 1.88 | |
| 3709873762021 | 370987 | 3762021 | RESIDENT | 1.92 | |
| 3708623762026 | 370862 | 3762026 | RESIDENT | 0.55 | |
| 3708673762026 | 370867 | 3762026 | RESIDENT | 0.57 | |
| 3708723762026 | 370872 | 3762026 | RESIDENT | 0.60 | |
| 3708773762026 | 370877 | 3762026 | RESIDENT | 0.63 | |
| 3708823762026 | 370882 | 3762026 | RESIDENT | 0.66 | |
| 3708873762026 | 370887 | 3762026 | RESIDENT | 0.69 | |
| 3708923762026 | 370892 | 3762026 | RESIDENT | 0.73 | |
| 3708973762026 | 370897 | 3762026 | RESIDENT | 0.77 | |
| 3709023762026 | 370902 | 3762026 | RESIDENT | 0.82 | |
| 3709073762026 | 370907 | 3762026 | RESIDENT | 0.87 | |
| 3709123762026 | 370912 | 3762026 | RESIDENT | 0.93 | |
| 3709173762026 | 370917 | 3762026 | RESIDENT | 0.98 | |
| 3709223762026 | 370922 | 3762026 | RESIDENT | 1.04 | |
| 3709273762026 | 370927 | 3762026 | RESIDENT | 1.10 | |
| 3709323762026 | 370932 | 3762026 | RESIDENT | 1.16 | |
| 3709373762026 | 370937 | 3762026 | RESIDENT | 1.22 | |
| 3709573762026 | 370957 | 3762026 | RESIDENT | 1.47 | |
| 3709623762026 | 370962 | 3762026 | RESIDENT | 1.53 | |
| 3709673762026 | 370967 | 3762026 | RESIDENT | 1.59 | |
| 3709723762026 | 370972 | 3762026 | RESIDENT | 1.65 | |
| 3709773762026 | 370977 | 3762026 | RESIDENT | 1.70 | |
| 3709823762026 | 370982 | 3762026 | RESIDENT | 1.74 | |
| 3709873762026 | 370987 | 3762026 | RESIDENT | 1.78 | |
| 3709923762026 | 370992 | 3762026 | RESIDENT | 1.82 | |
| 3708623762031 | 370862 | 3762031 | RESIDENT | 0.52 | |
| 3708673762031 | 370867 | 3762031 | RESIDENT | 0.54 | |
| 3708723762031 | 370872 | 3762031 | RESIDENT | 0.57 | |
| 3708773762031 | 370877 | 3762031 | RESIDENT | 0.60 | |
| 3708823762031 | 370882 | 3762031 | RESIDENT | 0.63 | |
| 3708873762031 | 370887 | 3762031 | RESIDENT | 0.66 | |
| 3708923762031 | 370892 | 3762031 | RESIDENT | 0.69 | |
| 3708973762031 | 370897 | 3762031 | RESIDENT | 0.73 | |
| 3709023762031 | 370902 | 3762031 | RESIDENT | 0.77 | |
| 3709073762031 | 370907 | 3762031 | RESIDENT | 0.82 | |
| 3709123762031 | 370912 | 3762031 | RESIDENT | 0.87 | |
| 3709173762031 | 370917 | 3762031 | RESIDENT | 0.91 | |
| 3709223762031 | 370922 | 3762031 | RESIDENT | 0.97 | |
| 3709273762031 | 370927 | 3762031 | RESIDENT | 1.02 | |
| 3709323762031 | 370932 | 3762031 | RESIDENT | 1.08 | |
| 3709373762031 | 370937 | 3762031 | RESIDENT | 1.13 | |
| 3709423762031 | 370942 | 3762031 | RESIDENT | 1.19 | |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 370962.00 | 3762031.00 | 6.88E-07 | 4.65E-06 | 2.70E-02 | 1.39E+00 | 1.42E+00 |
| 370967.00 | 3762031.00 | 7.13E-07 | 4.83E-06 | 2.80E-02 | 1.45E+00 | 1.47E+00 |
| 370972.00 | 3762031.00 | 7.38E-07 | 4.99E-06 | 2.90E-02 | 1.50E+00 | 1.53E+00 |
| 370977.00 | 3762031.00 | 7.60E-07 | 5.15E-06 | 2.99E-02 | 1.54E+00 | 1.57E+00 |
| 370982.00 | 3762031.00 | 7.81E-07 | 5.29E-06 | 3.07E-02 | 1.59E+00 | 1.62E+00 |
| 370987.00 | 3762031.00 | 8.00E-07 | 5.43E-06 | 3.14E-02 | 1.63E+00 | 1.66E+00 |
| 370992.00 | 3762031.00 | 8.16E-07 | 5.54E-06 | 3.21E-02 | 1.66E+00 | 1.69E+00 |
| 370997.00 | 3762031.00 | 8.29E-07 | 5.63E-06 | 3.26E-02 | 1.69E+00 | 1.72E+00 |
| 370867.00 | 3762036.00 | 2.58E-07 | 1.68E-06 | 1.02E-02 | 5.03E-01 | 5.13E-01 |
| 370872.00 | 3762036.00 | 2.70E-07 | 1.76E-06 | 1.06E-02 | 5.27E-01 | 5.37E-01 |
| 370877.00 | 3762036.00 | 2.82E-07 | 1.84E-06 | 1.11E-02 | 5.52E-01 | 5.63E-01 |
| 370882.00 | 3762036.00 | 2.95E-07 | 1.93E-06 | 1.16E-02 | 5.80E-01 | 5.91E-01 |
| 370887.00 | 3762036.00 | 3.09E-07 | 2.03E-06 | 1.22E-02 | 6.09E-01 | 6.22E-01 |
| 370892.00 | 3762036.00 | 3.24E-07 | 2.14E-06 | 1.27E-02 | 6.41E-01 | 6.53E-01 |
| 370897.00 | 3762036.00 | 3.40E-07 | 2.25E-06 | 1.34E-02 | 6.74E-01 | 6.87E-01 |
| 370902.00 | 3762036.00 | 3.57E-07 | 2.37E-06 | 1.40E-02 | 7.09E-01 | 7.23E-01 |
| 370907.00 | 3762036.00 | 3.77E-07 | 2.50E-06 | 1.48E-02 | 7.49E-01 | 7.64E-01 |
| 370912.00 | 3762036.00 | 3.98E-07 | 2.65E-06 | 1.56E-02 | 7.94E-01 | 8.09E-01 |
| 370917.00 | 3762036.00 | 4.19E-07 | 2.80E-06 | 1.65E-02 | 8.38E-01 | 8.54E-01 |
| 370922.00 | 3762036.00 | 4.41E-07 | 2.95E-06 | 1.73E-02 | 8.84E-01 | 9.01E-01 |
| 370927.00 | 3762036.00 | 4.65E-07 | 3.11E-06 | 1.83E-02 | 9.32E-01 | 9.50E-01 |
| 370932.00 | 3762036.00 | 4.89E-07 | 3.28E-06 | 1.92E-02 | 9.82E-01 | 1.00E+00 |
| 370937.00 | 3762036.00 | 5.14E-07 | 3.45E-06 | 2.02E-02 | 1.03E+00 | 1.05E+00 |
| 370942.00 | 3762036.00 | 5.39E-07 | 3.62E-06 | 2.12E-02 | 1.09E+00 | 1.11E+00 |
| 370947.00 | 3762036.00 | 5.64E-07 | 3.80E-06 | 2.22E-02 | 1.14E+00 | 1.16E+00 |
| 370962.00 | 3762036.00 | 6.39E-07 | 4.32E-06 | 2.51E-02 | 1.29E+00 | 1.32E+00 |
| 370967.00 | 3762036.00 | 6.63E-07 | 4.48E-06 | 2.60E-02 | 1.34E+00 | 1.37E+00 |
| 370972.00 | 3762036.00 | 6.85E-07 | 4.64E-06 | 2.69E-02 | 1.39E+00 | 1.42E+00 |
| 370977.00 | 3762036.00 | 7.07E-07 | 4.79E-06 | 2.78E-02 | 1.43E+00 | 1.46E+00 |
| 370982.00 | 3762036.00 | 7.27E-07 | 4.92E-06 | 2.86E-02 | 1.48E+00 | 1.50E+00 |
| 370987.00 | 3762036.00 | 7.45E-07 | 5.05E-06 | 2.93E-02 | 1.51E+00 | 1.54E+00 |
| 370992.00 | 3762036.00 | 7.61E-07 | 5.16E-06 | 2.99E-02 | 1.55E+00 | 1.58E+00 |
| 370997.00 | 3762036.00 | 7.75E-07 | 5.26E-06 | 3.04E-02 | 1.58E+00 | 1.61E+00 |
| 370872.00 | 3762041.00 | 2.56E-07 | 1.66E-06 | 1.00E-02 | 4.99E-01 | 5.09E-01 |
| 370877.00 | 3762041.00 | 2.67E-07 | 1.74E-06 | 1.05E-02 | 5.22E-01 | 5.33E-01 |
| 370882.00 | 3762041.00 | 2.79E-07 | 1.83E-06 | 1.10E-02 | 5.48E-01 | 5.58E-01 |
| 370887.00 | 3762041.00 | 2.92E-07 | 1.92E-06 | 1.15E-02 | 5.75E-01 | 5.86E-01 |
| 370892.00 | 3762041.00 | 3.06E-07 | 2.02E-06 | 1.20E-02 | 6.04E-01 | 6.16E-01 |
| 370897.00 | 3762041.00 | 3.22E-07 | 2.12E-06 | 1.26E-02 | 6.36E-01 | 6.48E-01 |
| 370902.00 | 3762041.00 | 3.37E-07 | 2.23E-06 | 1.32E-02 | 6.68E-01 | 6.81E-01 |
| 370907.00 | 3762041.00 | 3.54E-07 | 2.35E-06 | 1.39E-02 | 7.03E-01 | 7.17E-01 |
| 370912.00 | 3762041.00 | 3.72E-07 | 2.47E-06 | 1.46E-02 | 7.42E-01 | 7.56E-01 |
| 370917.00 | 3762041.00 | 3.92E-07 | 2.61E-06 | 1.54E-02 | 7.81E-01 | 7.97E-01 |
| 370922.00 | 3762041.00 | 4.12E-07 | 2.75E-06 | 1.62E-02 | 8.23E-01 | 8.40E-01 |
| 370927.00 | 3762041.00 | 4.34E-07 | 2.90E-06 | 1.70E-02 | 8.69E-01 | 8.86E-01 |
| 370932.00 | 3762041.00 | 4.56E-07 | 3.05E-06 | 1.79E-02 | 9.15E-01 | 9.33E-01 |
| 370937.00 | 3762041.00 | 4.79E-07 | 3.21E-06 | 1.88E-02 | 9.62E-01 | 9.81E-01 |
| 370942.00 | 3762041.00 | 5.02E-07 | 3.37E-06 | 1.97E-02 | 1.01E+00 | 1.03E+00 |
| 370947.00 | 3762041.00 | 5.25E-07 | 3.53E-06 | 2.06E-02 | 1.06E+00 | 1.08E+00 |
| 370967.00 | 3762041.00 | 6.17E-07 | 4.17E-06 | 2.42E-02 | 1.25E+00 | 1.27E+00 |
| 370972.00 | 3762041.00 | 6.38E-07 | 4.31E-06 | 2.51E-02 | 1.29E+00 | 1.32E+00 |
| 370977.00 | 3762041.00 | 6.58E-07 | 4.45E-06 | 2.59E-02 | 1.33E+00 | 1.36E+00 |
| 370982.00 | 3762041.00 | 6.77E-07 | 4.59E-06 | 2.66E-02 | 1.37E+00 | 1.40E+00 |
| 370987.00 | 3762041.00 | 6.95E-07 | 4.71E-06 | 2.73E-02 | 1.41E+00 | 1.44E+00 |
| 370992.00 | 3762041.00 | 7.11E-07 | 4.82E-06 | 2.79E-02 | 1.44E+00 | 1.47E+00 |
| 370997.00 | 3762041.00 | 7.24E-07 | 4.91E-06 | 2.85E-02 | 1.47E+00 | 1.50E+00 |
| 371002.00 | 3762041.00 | 7.37E-07 | 5.00E-06 | 2.89E-02 | 1.50E+00 | 1.53E+00 |
| 370877.00 | 3762046.00 | 2.53E-07 | 1.65E-06 | 9.95E-03 | 4.94E-01 | 5.04E-01 |
| 370882.00 | 3762046.00 | 2.65E-07 | 1.73E-06 | 1.04E-02 | 5.18E-01 | 5.28E-01 |
| 370887.00 | 3762046.00 | 2.77E-07 | 1.81E-06 | 1.09E-02 | 5.43E-01 | 5.54E-01 |
| 370892.00 | 3762046.00 | 2.90E-07 | 1.90E-06 | 1.14E-02 | 5.70E-01 | 5.81E-01 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3709623762031 | 370962 | 3762031 | RESIDENT | 1.42 | |
| 3709673762031 | 370967 | 3762031 | RESIDENT | 1.47 | |
| 3709723762031 | 370972 | 3762031 | RESIDENT | 1.53 | |
| 3709773762031 | 370977 | 3762031 | RESIDENT | 1.57 | |
| 3709823762031 | 370982 | 3762031 | RESIDENT | 1.62 | |
| 3709873762031 | 370987 | 3762031 | RESIDENT | 1.66 | |
| 3709923762031 | 370992 | 3762031 | RESIDENT | 1.69 | |
| 3709973762031 | 370997 | 3762031 | RESIDENT | 1.72 | |
| 3708673762036 | 370867 | 3762036 | RESIDENT | 0.51 | |
| 3708723762036 | 370872 | 3762036 | RESIDENT | 0.54 | |
| 3708773762036 | 370877 | 3762036 | RESIDENT | 0.56 | |
| 3708823762036 | 370882 | 3762036 | RESIDENT | 0.59 | |
| 3708873762036 | 370887 | 3762036 | RESIDENT | 0.62 | |
| 3708923762036 | 370892 | 3762036 | RESIDENT | 0.65 | |
| 3708973762036 | 370897 | 3762036 | RESIDENT | 0.69 | |
| 3709023762036 | 370902 | 3762036 | RESIDENT | 0.72 | |
| 3709073762036 | 370907 | 3762036 | RESIDENT | 0.76 | |
| 3709123762036 | 370912 | 3762036 | RESIDENT | 0.81 | |
| 3709173762036 | 370917 | 3762036 | RESIDENT | 0.85 | |
| 3709223762036 | 370922 | 3762036 | RESIDENT | 0.90 | |
| 3709273762036 | 370927 | 3762036 | RESIDENT | 0.95 | |
| 3709323762036 | 370932 | 3762036 | RESIDENT | 1.00 | |
| 3709373762036 | 370937 | 3762036 | RESIDENT | 1.05 | |
| 3709423762036 | 370942 | 3762036 | RESIDENT | 1.11 | |
| 3709473762036 | 370947 | 3762036 | RESIDENT | 1.16 | |
| 3709623762036 | 370962 | 3762036 | RESIDENT | 1.32 | |
| 3709673762036 | 370967 | 3762036 | RESIDENT | 1.37 | |
| 3709723762036 | 370972 | 3762036 | RESIDENT | 1.42 | |
| 3709773762036 | 370977 | 3762036 | RESIDENT | 1.46 | |
| 3709823762036 | 370982 | 3762036 | RESIDENT | 1.50 | |
| 3709873762036 | 370987 | 3762036 | RESIDENT | 1.54 | |
| 3709923762036 | 370992 | 3762036 | RESIDENT | 1.58 | |
| 3709973762036 | 370997 | 3762036 | RESIDENT | 1.61 | |
| 3708723762041 | 370872 | 3762041 | RESIDENT | 0.51 | |
| 3708773762041 | 370877 | 3762041 | RESIDENT | 0.53 | |
| 3708823762041 | 370882 | 3762041 | RESIDENT | 0.56 | |
| 3708873762041 | 370887 | 3762041 | RESIDENT | 0.59 | |
| 3708923762041 | 370892 | 3762041 | RESIDENT | 0.62 | |
| 3708973762041 | 370897 | 3762041 | RESIDENT | 0.65 | |
| 3709023762041 | 370902 | 3762041 | RESIDENT | 0.68 | |
| 3709073762041 | 370907 | 3762041 | RESIDENT | 0.72 | |
| 3709123762041 | 370912 | 3762041 | RESIDENT | 0.76 | |
| 3709173762041 | 370917 | 3762041 | RESIDENT | 0.80 | |
| 3709223762041 | 370922 | 3762041 | RESIDENT | 0.84 | |
| 3709273762041 | 370927 | 3762041 | RESIDENT | 0.89 | |
| 3709323762041 | 370932 | 3762041 | RESIDENT | 0.93 | |
| 3709373762041 | 370937 | 3762041 | RESIDENT | 0.98 | |
| 3709423762041 | 370942 | 3762041 | RESIDENT | 1.03 | |
| 3709473762041 | 370947 | 3762041 | RESIDENT | 1.08 | |
| 3709673762041 | 370967 | 3762041 | RESIDENT | 1.27 | |
| 3709723762041 | 370972 | 3762041 | RESIDENT | 1.32 | |
| 3709773762041 | 370977 | 3762041 | RESIDENT | 1.36 | |
| 3709823762041 | 370982 | 3762041 | RESIDENT | 1.40 | |
| 3709873762041 | 370987 | 3762041 | RESIDENT | 1.44 | |
| 3709923762041 | 370992 | 3762041 | RESIDENT | 1.47 | |
| 3709973762041 | 370997 | 3762041 | RESIDENT | 1.50 | |
| 3710023762041 | 371002 | 3762041 | RESIDENT | 1.53 | |
| 3708773762046 | 370877 | 3762046 | RESIDENT | 0.50 | |
| 3708823762046 | 370882 | 3762046 | RESIDENT | 0.53 | |
| 3708873762046 | 370887 | 3762046 | RESIDENT | 0.55 | |
| 3708923762046 | 370892 | 3762046 | RESIDENT | 0.58 | |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 370897.00 | 3762046.00 | 3.03E-07 | 2.00E-06 | 1.19E-02 | 5.99E-01 | 6.11E-01 |
| 370902.00 | 3762046.00 | 3.18E-07 | 2.10E-06 | 1.25E-02 | 6.29E-01 | 6.42E-01 |
| 370907.00 | 3762046.00 | 3.33E-07 | 2.20E-06 | 1.31E-02 | 6.60E-01 | 6.73E-01 |
| 370912.00 | 3762046.00 | 3.49E-07 | 2.32E-06 | 1.37E-02 | 6.94E-01 | 7.08E-01 |
| 370917.00 | 3762046.00 | 3.67E-07 | 2.44E-06 | 1.44E-02 | 7.31E-01 | 7.45E-01 |
| 370922.00 | 3762046.00 | 3.85E-07 | 2.57E-06 | 1.51E-02 | 7.69E-01 | 7.84E-01 |
| 370927.00 | 3762046.00 | 4.05E-07 | 2.71E-06 | 1.59E-02 | 8.11E-01 | 8.27E-01 |
| 370932.00 | 3762046.00 | 4.26E-07 | 2.85E-06 | 1.67E-02 | 8.53E-01 | 8.70E-01 |
| 370937.00 | 3762046.00 | 4.47E-07 | 3.00E-06 | 1.76E-02 | 8.98E-01 | 9.15E-01 |
| 370942.00 | 3762046.00 | 4.69E-07 | 3.14E-06 | 1.84E-02 | 9.42E-01 | 9.60E-01 |
| 370947.00 | 3762046.00 | 4.90E-07 | 3.29E-06 | 1.92E-02 | 9.86E-01 | 1.01E+00 |
| 370952.00 | 3762046.00 | 5.11E-07 | 3.44E-06 | 2.01E-02 | 1.03E+00 | 1.05E+00 |
| 370972.00 | 3762046.00 | 5.95E-07 | 4.02E-06 | 2.34E-02 | 1.20E+00 | 1.23E+00 |
| 370977.00 | 3762046.00 | 6.14E-07 | 4.15E-06 | 2.41E-02 | 1.24E+00 | 1.27E+00 |
| 370982.00 | 3762046.00 | 6.32E-07 | 4.28E-06 | 2.48E-02 | 1.28E+00 | 1.31E+00 |
| 370987.00 | 3762046.00 | 6.49E-07 | 4.40E-06 | 2.55E-02 | 1.32E+00 | 1.34E+00 |
| 370992.00 | 3762046.00 | 6.64E-07 | 4.50E-06 | 2.61E-02 | 1.35E+00 | 1.37E+00 |
| 370997.00 | 3762046.00 | 6.78E-07 | 4.60E-06 | 2.66E-02 | 1.38E+00 | 1.40E+00 |
| 371002.00 | 3762046.00 | 6.90E-07 | 4.68E-06 | 2.71E-02 | 1.40E+00 | 1.43E+00 |
| 370877.00 | 3762051.00 | 2.41E-07 | 1.56E-06 | 9.45E-03 | 4.69E-01 | 4.78E-01 |
| 370882.00 | 3762051.00 | 2.51E-07 | 1.64E-06 | 9.86E-03 | 4.90E-01 | 5.00E-01 |
| 370887.00 | 3762051.00 | 2.62E-07 | 1.71E-06 | 1.03E-02 | 5.14E-01 | 5.24E-01 |
| 370892.00 | 3762051.00 | 2.74E-07 | 1.80E-06 | 1.08E-02 | 5.39E-01 | 5.49E-01 |
| 370897.00 | 3762051.00 | 2.87E-07 | 1.89E-06 | 1.13E-02 | 5.65E-01 | 5.77E-01 |
| 370902.00 | 3762051.00 | 3.00E-07 | 1.98E-06 | 1.18E-02 | 5.93E-01 | 6.05E-01 |
| 370907.00 | 3762051.00 | 3.14E-07 | 2.08E-06 | 1.23E-02 | 6.22E-01 | 6.34E-01 |
| 370912.00 | 3762051.00 | 3.29E-07 | 2.18E-06 | 1.29E-02 | 6.53E-01 | 6.66E-01 |
| 370917.00 | 3762051.00 | 3.45E-07 | 2.29E-06 | 1.36E-02 | 6.86E-01 | 7.00E-01 |
| 370922.00 | 3762051.00 | 3.62E-07 | 2.41E-06 | 1.42E-02 | 7.21E-01 | 7.35E-01 |
| 370927.00 | 3762051.00 | 3.80E-07 | 2.53E-06 | 1.49E-02 | 7.59E-01 | 7.74E-01 |
| 370932.00 | 3762051.00 | 3.98E-07 | 2.66E-06 | 1.57E-02 | 7.97E-01 | 8.13E-01 |
| 370937.00 | 3762051.00 | 4.17E-07 | 2.79E-06 | 1.64E-02 | 8.36E-01 | 8.52E-01 |
| 370942.00 | 3762051.00 | 4.38E-07 | 2.93E-06 | 1.72E-02 | 8.78E-01 | 8.95E-01 |
| 370947.00 | 3762051.00 | 4.58E-07 | 3.07E-06 | 1.80E-02 | 9.21E-01 | 9.39E-01 |
| 370952.00 | 3762051.00 | 4.78E-07 | 3.21E-06 | 1.88E-02 | 9.62E-01 | 9.81E-01 |
| 370957.00 | 3762051.00 | 4.98E-07 | 3.35E-06 | 1.95E-02 | 1.00E+00 | 1.02E+00 |
| 370972.00 | 3762051.00 | 5.55E-07 | 3.75E-06 | 2.18E-02 | 1.12E+00 | 1.14E+00 |
| 370977.00 | 3762051.00 | 5.74E-07 | 3.87E-06 | 2.25E-02 | 1.16E+00 | 1.18E+00 |
| 370982.00 | 3762051.00 | 5.91E-07 | 3.99E-06 | 2.32E-02 | 1.20E+00 | 1.22E+00 |
| 370987.00 | 3762051.00 | 6.07E-07 | 4.11E-06 | 2.39E-02 | 1.23E+00 | 1.25E+00 |
| 370992.00 | 3762051.00 | 6.22E-07 | 4.21E-06 | 2.44E-02 | 1.26E+00 | 1.29E+00 |
| 370997.00 | 3762051.00 | 6.36E-07 | 4.31E-06 | 2.50E-02 | 1.29E+00 | 1.32E+00 |
| 371002.00 | 3762051.00 | 6.48E-07 | 4.39E-06 | 2.55E-02 | 1.32E+00 | 1.34E+00 |
| 370882.00 | 3762056.00 | 2.38E-07 | 1.55E-06 | 9.36E-03 | 4.65E-01 | 4.74E-01 |
| 370887.00 | 3762056.00 | 2.49E-07 | 1.62E-06 | 9.77E-03 | 4.87E-01 | 4.96E-01 |
| 370892.00 | 3762056.00 | 2.60E-07 | 1.70E-06 | 1.02E-02 | 5.10E-01 | 5.20E-01 |
| 370897.00 | 3762056.00 | 2.71E-07 | 1.78E-06 | 1.07E-02 | 5.34E-01 | 5.45E-01 |
| 370902.00 | 3762056.00 | 2.84E-07 | 1.87E-06 | 1.12E-02 | 5.60E-01 | 5.72E-01 |
| 370907.00 | 3762056.00 | 2.97E-07 | 1.96E-06 | 1.17E-02 | 5.87E-01 | 5.99E-01 |
| 370912.00 | 3762056.00 | 3.10E-07 | 2.05E-06 | 1.22E-02 | 6.15E-01 | 6.27E-01 |
| 370917.00 | 3762056.00 | 3.25E-07 | 2.15E-06 | 1.28E-02 | 6.45E-01 | 6.58E-01 |
| 370922.00 | 3762056.00 | 3.40E-07 | 2.26E-06 | 1.34E-02 | 6.77E-01 | 6.90E-01 |
| 370927.00 | 3762056.00 | 3.57E-07 | 2.37E-06 | 1.40E-02 | 7.12E-01 | 7.26E-01 |
| 370932.00 | 3762056.00 | 3.73E-07 | 2.49E-06 | 1.47E-02 | 7.46E-01 | 7.61E-01 |
| 370937.00 | 3762056.00 | 3.90E-07 | 2.60E-06 | 1.53E-02 | 7.80E-01 | 7.96E-01 |
| 370942.00 | 3762056.00 | 4.09E-07 | 2.74E-06 | 1.61E-02 | 8.20E-01 | 8.36E-01 |
| 370947.00 | 3762056.00 | 4.29E-07 | 2.87E-06 | 1.68E-02 | 8.61E-01 | 8.78E-01 |
| 370952.00 | 3762056.00 | 4.47E-07 | 3.00E-06 | 1.76E-02 | 8.99E-01 | 9.17E-01 |
| 370957.00 | 3762056.00 | 4.65E-07 | 3.13E-06 | 1.83E-02 | 9.37E-01 | 9.56E-01 |
| 370962.00 | 3762056.00 | 4.84E-07 | 3.25E-06 | 1.90E-02 | 9.75E-01 | 9.94E-01 |
| 370977.00 | 3762056.00 | 5.37E-07 | 3.62E-06 | 2.11E-02 | 1.08E+00 | 1.11E+00 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3708973762046 | 370897 | 3762046 | RESIDENT | 0.61 | |
| 3709023762046 | 370902 | 3762046 | RESIDENT | 0.64 | |
| 3709073762046 | 370907 | 3762046 | RESIDENT | 0.67 | |
| 3709123762046 | 370912 | 3762046 | RESIDENT | 0.71 | |
| 3709173762046 | 370917 | 3762046 | RESIDENT | 0.75 | |
| 3709223762046 | 370922 | 3762046 | RESIDENT | 0.78 | |
| 3709273762046 | 370927 | 3762046 | RESIDENT | 0.83 | |
| 3709323762046 | 370932 | 3762046 | RESIDENT | 0.87 | |
| 3709373762046 | 370937 | 3762046 | RESIDENT | 0.92 | |
| 3709423762046 | 370942 | 3762046 | RESIDENT | 0.96 | |
| 3709473762046 | 370947 | 3762046 | RESIDENT | 1.01 | |
| 3709523762046 | 370952 | 3762046 | RESIDENT | 1.05 | |
| 3709723762046 | 370972 | 3762046 | RESIDENT | 1.23 | |
| 3709773762046 | 370977 | 3762046 | RESIDENT | 1.27 | |
| 3709823762046 | 370982 | 3762046 | RESIDENT | 1.31 | |
| 3709873762046 | 370987 | 3762046 | RESIDENT | 1.34 | |
| 3709923762046 | 370992 | 3762046 | RESIDENT | 1.37 | |
| 3709973762046 | 370997 | 3762046 | RESIDENT | 1.40 | |
| 3710023762046 | 371002 | 3762046 | RESIDENT | 1.43 | |
| 3708773762051 | 370877 | 3762051 | RESIDENT | 0.48 | |
| 3708823762051 | 370882 | 3762051 | RESIDENT | 0.50 | |
| 3708873762051 | 370887 | 3762051 | RESIDENT | 0.52 | |
| 3708923762051 | 370892 | 3762051 | RESIDENT | 0.55 | |
| 3708973762051 | 370897 | 3762051 | RESIDENT | 0.58 | |
| 3709023762051 | 370902 | 3762051 | RESIDENT | 0.61 | |
| 3709073762051 | 370907 | 3762051 | RESIDENT | 0.63 | |
| 3709123762051 | 370912 | 3762051 | RESIDENT | 0.67 | |
| 3709173762051 | 370917 | 3762051 | RESIDENT | 0.70 | |
| 3709223762051 | 370922 | 3762051 | RESIDENT | 0.74 | |
| 3709273762051 | 370927 | 3762051 | RESIDENT | 0.77 | |
| 3709323762051 | 370932 | 3762051 | RESIDENT | 0.81 | |
| 3709373762051 | 370937 | 3762051 | RESIDENT | 0.85 | |
| 3709423762051 | 370942 | 3762051 | RESIDENT | 0.90 | |
| 3709473762051 | 370947 | 3762051 | RESIDENT | 0.94 | |
| 3709523762051 | 370952 | 3762051 | RESIDENT | 0.98 | |
| 3709573762051 | 370957 | 3762051 | RESIDENT | 1.02 | |
| 3709723762051 | 370972 | 3762051 | RESIDENT | 1.14 | |
| 3709773762051 | 370977 | 3762051 | RESIDENT | 1.18 | |
| 3709823762051 | 370982 | 3762051 | RESIDENT | 1.22 | |
| 3709873762051 | 370987 | 3762051 | RESIDENT | 1.25 | |
| 3709923762051 | 370992 | 3762051 | RESIDENT | 1.29 | |
| 3709973762051 | 370997 | 3762051 | RESIDENT | 1.32 | |
| 3710023762051 | 371002 | 3762051 | RESIDENT | 1.34 | |
| 3708823762056 | 370882 | 3762056 | RESIDENT | 0.47 | |
| 3708873762056 | 370887 | 3762056 | RESIDENT | 0.50 | |
| 3708923762056 | 370892 | 3762056 | RESIDENT | 0.52 | |
| 3708973762056 | 370897 | 3762056 | RESIDENT | 0.54 | |
| 3709023762056 | 370902 | 3762056 | RESIDENT | 0.57 | |
| 3709073762056 | 370907 | 3762056 | RESIDENT | 0.60 | |
| 3709123762056 | 370912 | 3762056 | RESIDENT | 0.63 | |
| 3709173762056 | 370917 | 3762056 | RESIDENT | 0.66 | |
| 3709223762056 | 370922 | 3762056 | RESIDENT | 0.69 | |
| 3709273762056 | 370927 | 3762056 | RESIDENT | 0.73 | |
| 3709323762056 | 370932 | 3762056 | RESIDENT | 0.76 | |
| 3709373762056 | 370937 | 3762056 | RESIDENT | 0.80 | |
| 3709423762056 | 370942 | 3762056 | RESIDENT | 0.84 | |
| 3709473762056 | 370947 | 3762056 | RESIDENT | 0.88 | |
| 3709523762056 | 370952 | 3762056 | RESIDENT | 0.92 | |
| 3709573762056 | 370957 | 3762056 | RESIDENT | 0.96 | |
| 3709623762056 | 370962 | 3762056 | RESIDENT | 0.99 | |
| 3709773762056 | 370977 | 3762056 | RESIDENT | 1.11 | |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 370982.00 | 3762056.00 | 5.53E-07 | 3.73E-06 | 2.17E-02 | 1.12E+00 | 1.14E+00 |
| 370987.00 | 3762056.00 | 5.68E-07 | 3.84E-06 | 2.23E-02 | 1.15E+00 | 1.17E+00 |
| 370992.00 | 3762056.00 | 5.83E-07 | 3.94E-06 | 2.29E-02 | 1.18E+00 | 1.20E+00 |
| 370997.00 | 3762056.00 | 5.97E-07 | 4.04E-06 | 2.34E-02 | 1.21E+00 | 1.23E+00 |
| 371002.00 | 3762056.00 | 6.08E-07 | 4.12E-06 | 2.39E-02 | 1.23E+00 | 1.26E+00 |
| 370869.00 | 3761662.00 | 2.78E-07 | 1.79E-06 | 1.09E-02 | 5.36E-01 | 5.47E-01 |
| 370889.00 | 3761662.00 | 2.44E-07 | 1.58E-06 | 9.58E-03 | 4.75E-01 | 4.84E-01 |
| 370909.00 | 3761662.00 | 2.15E-07 | 1.40E-06 | 8.45E-03 | 4.20E-01 | 4.28E-01 |
| 370929.00 | 3761662.00 | 1.91E-07 | 1.24E-06 | 7.50E-03 | 3.71E-01 | 3.79E-01 |
| 370949.00 | 3761662.00 | 1.59E-07 | 1.03E-06 | 6.24E-03 | 3.09E-01 | 3.15E-01 |
| 370969.00 | 3761662.00 | 1.30E-07 | 8.45E-07 | 5.13E-03 | 2.53E-01 | 2.58E-01 |
| 370989.00 | 3761662.00 | 1.06E-07 | 6.86E-07 | 4.17E-03 | 2.05E-01 | 2.10E-01 |
| 371009.00 | 3761662.00 | 8.64E-08 | 5.56E-07 | 3.39E-03 | 1.67E-01 | 1.70E-01 |
| 371029.00 | 3761662.00 | 7.06E-08 | 4.53E-07 | 2.77E-03 | 1.36E-01 | 1.39E-01 |
| 371049.00 | 3761662.00 | 5.82E-08 | 3.72E-07 | 2.28E-03 | 1.12E-01 | 1.14E-01 |
| 371069.00 | 3761662.00 | 4.85E-08 | 3.10E-07 | 1.91E-03 | 9.29E-02 | 9.48E-02 |
| 371089.00 | 3761662.00 | 4.09E-08 | 2.61E-07 | 1.61E-03 | 7.82E-02 | 7.98E-02 |
| 371109.00 | 3761662.00 | 3.50E-08 | 2.22E-07 | 1.37E-03 | 6.66E-02 | 6.80E-02 |
| 371129.00 | 3761662.00 | 3.02E-08 | 1.92E-07 | 1.19E-03 | 5.75E-02 | 5.87E-02 |
| 371149.00 | 3761662.00 | 2.65E-08 | 1.68E-07 | 1.04E-03 | 5.03E-02 | 5.13E-02 |
| 371169.00 | 3761662.00 | 2.34E-08 | 1.48E-07 | 9.19E-04 | 4.44E-02 | 4.53E-02 |
| 371189.00 | 3761662.00 | 2.08E-08 | 1.32E-07 | 8.18E-04 | 3.94E-02 | 4.03E-02 |
| 371209.00 | 3761662.00 | 1.87E-08 | 1.18E-07 | 7.36E-04 | 3.55E-02 | 3.62E-02 |
| 371229.00 | 3761662.00 | 1.69E-08 | 1.07E-07 | 6.65E-04 | 3.20E-02 | 3.27E-02 |
| 371249.00 | 3761662.00 | 1.54E-08 | 9.70E-08 | 6.04E-04 | 2.91E-02 | 2.97E-02 |
| 371269.00 | 3761662.00 | 1.40E-08 | 8.85E-08 | 5.51E-04 | 2.65E-02 | 2.71E-02 |
| 371289.00 | 3761662.00 | 1.29E-08 | 8.14E-08 | 5.07E-04 | 2.44E-02 | 2.49E-02 |
| 371309.00 | 3761662.00 | 1.19E-08 | 7.50E-08 | 4.67E-04 | 2.25E-02 | 2.29E-02 |
| 371329.00 | 3761662.00 | 1.10E-08 | 6.95E-08 | 4.33E-04 | 2.08E-02 | 2.13E-02 |
| 371349.00 | 3761662.00 | 1.02E-08 | 6.44E-08 | 4.02E-04 | 1.93E-02 | 1.97E-02 |
| 371369.00 | 3761662.00 | 9.52E-09 | 5.99E-08 | 3.74E-04 | 1.80E-02 | 1.83E-02 |
| 371389.00 | 3761662.00 | 8.88E-09 | 5.59E-08 | 3.49E-04 | 1.67E-02 | 1.71E-02 |
| 371409.00 | 3761662.00 | 8.29E-09 | 5.22E-08 | 3.26E-04 | 1.56E-02 | 1.60E-02 |
| 371429.00 | 3761662.00 | 7.77E-09 | 4.89E-08 | 3.05E-04 | 1.47E-02 | 1.50E-02 |
| 371449.00 | 3761662.00 | 7.29E-09 | 4.59E-08 | 2.87E-04 | 1.38E-02 | 1.40E-02 |
| 370869.00 | 3761682.00 | 3.42E-07 | 2.20E-06 | 1.34E-02 | 6.59E-01 | 6.73E-01 |
| 370889.00 | 3761682.00 | 2.85E-07 | 1.84E-06 | 1.12E-02 | 5.52E-01 | 5.63E-01 |
| 370909.00 | 3761682.00 | 2.81E-07 | 1.82E-06 | 1.11E-02 | 5.46E-01 | 5.57E-01 |
| 370929.00 | 3761682.00 | 2.38E-07 | 1.54E-06 | 9.34E-03 | 4.61E-01 | 4.70E-01 |
| 370949.00 | 3761682.00 | 1.93E-07 | 1.25E-06 | 7.59E-03 | 3.75E-01 | 3.82E-01 |
| 370969.00 | 3761682.00 | 1.55E-07 | 9.99E-07 | 6.07E-03 | 2.99E-01 | 3.05E-01 |
| 370989.00 | 3761682.00 | 1.23E-07 | 7.90E-07 | 4.81E-03 | 2.37E-01 | 2.42E-01 |
| 371009.00 | 3761682.00 | 9.74E-08 | 6.26E-07 | 3.82E-03 | 1.88E-01 | 1.91E-01 |
| 371029.00 | 3761682.00 | 7.81E-08 | 5.00E-07 | 3.07E-03 | 1.50E-01 | 1.53E-01 |
| 371049.00 | 3761682.00 | 6.34E-08 | 4.05E-07 | 2.49E-03 | 1.21E-01 | 1.24E-01 |
| 371069.00 | 3761682.00 | 5.23E-08 | 3.33E-07 | 2.06E-03 | 9.99E-02 | 1.02E-01 |
| 371089.00 | 3761682.00 | 4.38E-08 | 2.79E-07 | 1.72E-03 | 8.35E-02 | 8.52E-02 |
| 371109.00 | 3761682.00 | 3.73E-08 | 2.36E-07 | 1.46E-03 | 7.08E-02 | 7.23E-02 |
| 371129.00 | 3761682.00 | 3.21E-08 | 2.04E-07 | 1.26E-03 | 6.10E-02 | 6.22E-02 |
| 371149.00 | 3761682.00 | 2.80E-08 | 1.77E-07 | 1.10E-03 | 5.32E-02 | 5.43E-02 |
| 371169.00 | 3761682.00 | 2.47E-08 | 1.57E-07 | 9.72E-04 | 4.69E-02 | 4.79E-02 |
| 371189.00 | 3761682.00 | 2.20E-08 | 1.39E-07 | 8.66E-04 | 4.17E-02 | 4.26E-02 |
| 371209.00 | 3761682.00 | 1.98E-08 | 1.25E-07 | 7.77E-04 | 3.74E-02 | 3.82E-02 |
| 371229.00 | 3761682.00 | 1.79E-08 | 1.13E-07 | 7.02E-04 | 3.38E-02 | 3.45E-02 |
| 371249.00 | 3761682.00 | 1.62E-08 | 1.02E-07 | 6.37E-04 | 3.07E-02 | 3.13E-02 |
| 371269.00 | 3761682.00 | 1.48E-08 | 9.36E-08 | 5.83E-04 | 2.81E-02 | 2.86E-02 |
| 371289.00 | 3761682.00 | 1.36E-08 | 8.58E-08 | 5.34E-04 | 2.57E-02 | 2.62E-02 |
| 371309.00 | 3761682.00 | 1.25E-08 | 7.88E-08 | 4.91E-04 | 2.36E-02 | 2.41E-02 |
| 371329.00 | 3761682.00 | 1.15E-08 | 7.27E-08 | 4.53E-04 | 2.18E-02 | 2.22E-02 |
| 371349.00 | 3761682.00 | 1.07E-08 | 6.75E-08 | 4.20E-04 | 2.02E-02 | 2.06E-02 |
| 371369.00 | 3761682.00 | 9.97E-09 | 6.29E-08 | 3.92E-04 | 1.88E-02 | 1.92E-02 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3709823762056 | 370982 | 3762056 | RESIDENT | 1.14 | |
| 3709873762056 | 370987 | 3762056 | RESIDENT | 1.17 | |
| 3709923762056 | 370992 | 3762056 | RESIDENT | 1.20 | |
| 3709973762056 | 370997 | 3762056 | RESIDENT | 1.23 | |
| 3710023762056 | 371002 | 3762056 | RESIDENT | 1.26 | |
| 3714293761802 | 371429 | 3761802 | RESIDENT | 0.03 | |
| 3714293761822 | 371429 | 3761822 | RESIDENT | 0.03 | |
| 3714493761822 | 371449 | 3761822 | RESIDENT | 0.03 | |
| 3714093761842 | 371409 | 3761842 | RESIDENT | 0.05 | |
| 3714293761842 | 371429 | 3761842 | RESIDENT | 0.04 | |
| 3714493761842 | 371449 | 3761842 | RESIDENT | 0.04 | |
| 3713893761862 | 371389 | 3761862 | RESIDENT | 0.07 | |
| 3714093761862 | 371409 | 3761862 | RESIDENT | 0.06 | |
| 3714293761862 | 371429 | 3761862 | RESIDENT | 0.05 | |
| 3714493761862 | 371449 | 3761862 | RESIDENT | 0.05 | |
| 3713693761882 | 371369 | 3761882 | RESIDENT | 0.09 | |
| 3713893761882 | 371389 | 3761882 | RESIDENT | 0.08 | |
| 3714093761882 | 371409 | 3761882 | RESIDENT | 0.07 | |
| 3714293761882 | 371429 | 3761882 | RESIDENT | 0.06 | |
| 3714493761882 | 371449 | 3761882 | RESIDENT | 0.05 | |
| 3713493761902 | 371349 | 3761902 | RESIDENT | 0.13 | |
| 3713693761902 | 371369 | 3761902 | RESIDENT | 0.11 | |
| 3713893761902 | 371389 | 3761902 | RESIDENT | 0.10 | |
| 3714093761902 | 371409 | 3761902 | RESIDENT | 0.09 | |
| 3714293761902 | 371429 | 3761902 | RESIDENT | 0.08 | |
| 3714493761902 | 371449 | 3761902 | RESIDENT | 0.07 | |
| 3713493761922 | 371349 | 3761922 | RESIDENT | 0.16 | |
| 3713693761922 | 371369 | 3761922 | RESIDENT | 0.14 | |
| 3713893761922 | 371389 | 3761922 | RESIDENT | 0.12 | |
| 3714093761922 | 371409 | 3761922 | RESIDENT | 0.10 | |
| 3714293761922 | 371429 | 3761922 | RESIDENT | 0.09 | |
| 3714493761922 | 371449 | 3761922 | RESIDENT | 0.08 | |
| 3713293761942 | 371329 | 3761942 | RESIDENT | 0.21 | |
| 3713493761942 | 371349 | 3761942 | RESIDENT | 0.19 | |
| 3713693761942 | 371369 | 3761942 | RESIDENT | 0.16 | |
| 3713893761942 | 371389 | 3761942 | RESIDENT | 0.14 | |
| 3714093761942 | 371409 | 3761942 | RESIDENT | 0.12 | |
| 3714293761942 | 371429 | 3761942 | RESIDENT | 0.10 | |
| 3714493761942 | 371449 | 3761942 | RESIDENT | 0.09 | |
| 3713093761962 | 371309 | 3761962 | RESIDENT | 0.29 | |
| 3713293761962 | 371329 | 3761962 | RESIDENT | 0.25 | |
| 3713493761962 | 371349 | 3761962 | RESIDENT | 0.22 | |
| 3713693761962 | 371369 | 3761962 | RESIDENT | 0.19 | |
| 3713893761962 | 371389 | 3761962 | RESIDENT | 0.16 | |
| 3714093761962 | 371409 | 3761962 | RESIDENT | 0.14 | |
| 3714293761962 | 371429 | 3761962 | RESIDENT | 0.12 | |
| 3714493761962 | 371449 | 3761962 | RESIDENT | 0.11 | |
| 3712893761982 | 371289 | 3761982 | RESIDENT | 0.38 | |
| 3713093761982 | 371309 | 3761982 | RESIDENT | 0.32 | |
| 3713293761982 | 371329 | 3761982 | RESIDENT | 0.28 | |
| 3713493761982 | 371349 | 3761982 | RESIDENT | 0.24 | |
| 3713693761982 | 371369 | 3761982 | RESIDENT | 0.21 | |
| 3713893761982 | 371389 | 3761982 | RESIDENT | 0.18 | |
| 3714093761982 | 371409 | 3761982 | RESIDENT | 0.16 | |
| 3714293761982 | 371429 | 3761982 | RESIDENT | 0.14 | |
| 3714493761982 | 371449 | 3761982 | RESIDENT | 0.12 | |
| 3712893762002 | 371289 | 3762002 | RESIDENT | 0.41 | |
| 3713093762002 | 371309 | 3762002 | RESIDENT | 0.36 | |
| 3713293762002 | 371329 | 3762002 | RESIDENT | 0.31 | |
| 3713493762002 | 371349 | 3762002 | RESIDENT | 0.27 | |
| 3713693762002 | 371369 | 3762002 | RESIDENT | 0.23 | |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 371389.00 | 3761682.00 | 9.32E-09 | 5.88E-08 | 3.66E-04 | 1.76E-02 | 1.80E-02 |
| 371409.00 | 3761682.00 | 8.70E-09 | 5.48E-08 | 3.42E-04 | 1.64E-02 | 1.68E-02 |
| 371429.00 | 3761682.00 | 8.14E-09 | 5.13E-08 | 3.20E-04 | 1.54E-02 | 1.57E-02 |
| 371449.00 | 3761682.00 | 7.63E-09 | 4.81E-08 | 3.00E-04 | 1.44E-02 | 1.47E-02 |
| 370869.00 | 3761702.00 | 4.13E-07 | 2.64E-06 | 1.62E-02 | 7.91E-01 | 8.07E-01 |
| 370889.00 | 3761702.00 | 4.19E-07 | 2.69E-06 | 1.65E-02 | 8.07E-01 | 8.23E-01 |
| 370909.00 | 3761702.00 | 3.72E-07 | 2.39E-06 | 1.46E-02 | 7.17E-01 | 7.32E-01 |
| 370929.00 | 3761702.00 | 3.04E-07 | 1.96E-06 | 1.20E-02 | 5.88E-01 | 6.00E-01 |
| 370949.00 | 3761702.00 | 2.41E-07 | 1.55E-06 | 9.45E-03 | 4.65E-01 | 4.75E-01 |
| 370969.00 | 3761702.00 | 1.86E-07 | 1.20E-06 | 7.30E-03 | 3.59E-01 | 3.66E-01 |
| 370989.00 | 3761702.00 | 1.43E-07 | 9.16E-07 | 5.60E-03 | 2.75E-01 | 2.80E-01 |
| 371009.00 | 3761702.00 | 1.10E-07 | 7.06E-07 | 4.33E-03 | 2.12E-01 | 2.16E-01 |
| 371029.00 | 3761702.00 | 8.66E-08 | 5.53E-07 | 3.40E-03 | 1.66E-01 | 1.69E-01 |
| 371049.00 | 3761702.00 | 6.94E-08 | 4.42E-07 | 2.73E-03 | 1.32E-01 | 1.35E-01 |
| 371069.00 | 3761702.00 | 5.66E-08 | 3.60E-07 | 2.22E-03 | 1.08E-01 | 1.10E-01 |
| 371089.00 | 3761702.00 | 4.71E-08 | 2.99E-07 | 1.85E-03 | 8.96E-02 | 9.14E-02 |
| 371109.00 | 3761702.00 | 3.99E-08 | 2.53E-07 | 1.57E-03 | 7.58E-02 | 7.74E-02 |
| 371129.00 | 3761702.00 | 3.44E-08 | 2.18E-07 | 1.35E-03 | 6.52E-02 | 6.65E-02 |
| 371149.00 | 3761702.00 | 3.00E-08 | 1.90E-07 | 1.18E-03 | 5.68E-02 | 5.80E-02 |
| 371169.00 | 3761702.00 | 2.65E-08 | 1.67E-07 | 1.04E-03 | 5.01E-02 | 5.12E-02 |
| 371189.00 | 3761702.00 | 2.35E-08 | 1.49E-07 | 9.25E-04 | 4.46E-02 | 4.55E-02 |
| 371209.00 | 3761702.00 | 2.11E-08 | 1.33E-07 | 8.29E-04 | 4.00E-02 | 4.08E-02 |
| 371229.00 | 3761702.00 | 1.90E-08 | 1.20E-07 | 7.48E-04 | 3.61E-02 | 3.68E-02 |
| 371249.00 | 3761702.00 | 1.74E-08 | 1.10E-07 | 6.82E-04 | 3.29E-02 | 3.36E-02 |
| 371269.00 | 3761702.00 | 1.59E-08 | 1.00E-07 | 6.23E-04 | 3.01E-02 | 3.07E-02 |
| 371289.00 | 3761702.00 | 1.45E-08 | 9.20E-08 | 5.71E-04 | 2.76E-02 | 2.81E-02 |
| 371309.00 | 3761702.00 | 1.33E-08 | 8.43E-08 | 5.24E-04 | 2.53E-02 | 2.58E-02 |
| 371329.00 | 3761702.00 | 1.23E-08 | 7.77E-08 | 4.83E-04 | 2.33E-02 | 2.38E-02 |
| 371349.00 | 3761702.00 | 1.14E-08 | 7.21E-08 | 4.48E-04 | 2.16E-02 | 2.20E-02 |
| 371369.00 | 3761702.00 | 1.06E-08 | 6.72E-08 | 4.18E-04 | 2.01E-02 | 2.06E-02 |
| 371389.00 | 3761702.00 | 9.90E-09 | 6.26E-08 | 3.89E-04 | 1.88E-02 | 1.91E-02 |
| 371409.00 | 3761702.00 | 9.23E-09 | 5.83E-08 | 3.62E-04 | 1.75E-02 | 1.78E-02 |
| 371429.00 | 3761702.00 | 8.61E-09 | 5.44E-08 | 3.38E-04 | 1.63E-02 | 1.66E-02 |
| 371449.00 | 3761702.00 | 8.06E-09 | 5.09E-08 | 3.17E-04 | 1.53E-02 | 1.56E-02 |
| 370869.00 | 3761722.00 | 6.61E-07 | 4.09E-06 | 2.60E-02 | 1.23E+00 | 1.25E+00 |
| 370889.00 | 3761722.00 | 6.07E-07 | 3.82E-06 | 2.38E-02 | 1.15E+00 | 1.17E+00 |
| 370909.00 | 3761722.00 | 5.10E-07 | 3.25E-06 | 2.00E-02 | 9.74E-01 | 9.94E-01 |
| 370929.00 | 3761722.00 | 4.05E-07 | 2.60E-06 | 1.59E-02 | 7.79E-01 | 7.94E-01 |
| 370949.00 | 3761722.00 | 3.07E-07 | 1.97E-06 | 1.21E-02 | 5.91E-01 | 6.03E-01 |
| 370969.00 | 3761722.00 | 2.27E-07 | 1.46E-06 | 8.91E-03 | 4.36E-01 | 4.45E-01 |
| 370989.00 | 3761722.00 | 1.67E-07 | 1.07E-06 | 6.58E-03 | 3.21E-01 | 3.28E-01 |
| 371009.00 | 3761722.00 | 1.25E-07 | 8.00E-07 | 4.93E-03 | 2.40E-01 | 2.45E-01 |
| 371029.00 | 3761722.00 | 9.66E-08 | 6.14E-07 | 3.79E-03 | 1.84E-01 | 1.88E-01 |
| 371049.00 | 3761722.00 | 7.62E-08 | 4.84E-07 | 3.00E-03 | 1.45E-01 | 1.48E-01 |
| 371069.00 | 3761722.00 | 6.18E-08 | 3.91E-07 | 2.43E-03 | 1.17E-01 | 1.20E-01 |
| 371089.00 | 3761722.00 | 5.13E-08 | 3.24E-07 | 2.01E-03 | 9.72E-02 | 9.92E-02 |
| 371109.00 | 3761722.00 | 4.34E-08 | 2.74E-07 | 1.71E-03 | 8.22E-02 | 8.39E-02 |
| 371129.00 | 3761722.00 | 3.72E-08 | 2.36E-07 | 1.46E-03 | 7.06E-02 | 7.20E-02 |
| 371149.00 | 3761722.00 | 3.24E-08 | 2.05E-07 | 1.27E-03 | 6.15E-02 | 6.28E-02 |
| 371169.00 | 3761722.00 | 2.88E-08 | 1.82E-07 | 1.13E-03 | 5.46E-02 | 5.58E-02 |
| 371189.00 | 3761722.00 | 2.57E-08 | 1.63E-07 | 1.01E-03 | 4.87E-02 | 4.97E-02 |
| 371209.00 | 3761722.00 | 2.30E-08 | 1.46E-07 | 9.05E-04 | 4.37E-02 | 4.46E-02 |
| 371229.00 | 3761722.00 | 2.07E-08 | 1.31E-07 | 8.15E-04 | 3.94E-02 | 4.02E-02 |
| 371249.00 | 3761722.00 | 1.90E-08 | 1.20E-07 | 7.45E-04 | 3.60E-02 | 3.67E-02 |
| 371269.00 | 3761722.00 | 1.73E-08 | 1.10E-07 | 6.81E-04 | 3.29E-02 | 3.36E-02 |
| 371289.00 | 3761722.00 | 1.59E-08 | 1.01E-07 | 6.24E-04 | 3.02E-02 | 3.08E-02 |
| 371309.00 | 3761722.00 | 1.45E-08 | 9.20E-08 | 5.70E-04 | 2.76E-02 | 2.81E-02 |
| 371329.00 | 3761722.00 | 1.34E-08 | 8.49E-08 | 5.26E-04 | 2.54E-02 | 2.60E-02 |
| 371349.00 | 3761722.00 | 1.24E-08 | 7.90E-08 | 4.89E-04 | 2.37E-02 | 2.41E-02 |
| 371369.00 | 3761722.00 | 1.15E-08 | 7.33E-08 | 4.54E-04 | 2.19E-02 | 2.24E-02 |
| 371389.00 | 3761722.00 | 1.07E-08 | 6.79E-08 | 4.21E-04 | 2.04E-02 | 2.08E-02 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3713893762002 | 371389 | 3762002 | RESIDENT | 0.20 | |
| 3714093762002 | 371409 | 3762002 | RESIDENT | 0.18 | |
| 3714293762002 | 371429 | 3762002 | RESIDENT | 0.16 | |
| 3714493762002 | 371449 | 3762002 | RESIDENT | 0.14 | |
| 3712693762022 | 371269 | 3762022 | RESIDENT | 0.50 | |
| 3712893762022 | 371289 | 3762022 | RESIDENT | 0.44 | |
| 3713093762022 | 371309 | 3762022 | RESIDENT | 0.38 | |
| 3713293762022 | 371329 | 3762022 | RESIDENT | 0.33 | |
| 3713493762022 | 371349 | 3762022 | RESIDENT | 0.29 | |
| 3713693762022 | 371369 | 3762022 | RESIDENT | 0.25 | |
| 3713893762022 | 371389 | 3762022 | RESIDENT | 0.22 | |
| 3714093762022 | 371409 | 3762022 | RESIDENT | 0.20 | |
| 3714293762022 | 371429 | 3762022 | RESIDENT | 0.18 | |
| 3712893762042 | 371289 | 3762042 | RESIDENT | 0.46 | |
| 3713093762042 | 371309 | 3762042 | RESIDENT | 0.40 | |
| 3713293762042 | 371329 | 3762042 | RESIDENT | 0.35 | |
| 3713493762042 | 371349 | 3762042 | RESIDENT | 0.31 | |
| 3713693762042 | 371369 | 3762042 | RESIDENT | 0.27 | |
| 3713893762042 | 371389 | 3762042 | RESIDENT | 0.24 | |
| 3714093762042 | 371409 | 3762042 | RESIDENT | 0.22 | |
| 3714293762042 | 371429 | 3762042 | RESIDENT | 0.19 | |
| 3708693762062 | 370869 | 3762062 | RESIDENT | 0.40 | |
| 3708893762062 | 370889 | 3762062 | RESIDENT | 0.47 | |
| 3709093762062 | 370909 | 3762062 | RESIDENT | 0.57 | |
| 3709293762062 | 370929 | 3762062 | RESIDENT | 0.69 | |
| 3709493762062 | 370949 | 3762062 | RESIDENT | 0.82 | |
| 3709693762062 | 370969 | 3762062 | RESIDENT | 0.97 | |
| 3709893762062 | 370989 | 3762062 | RESIDENT | 1.10 | |
| 3710093762062 | 371009 | 3762062 | RESIDENT | 1.20 | |
| 3712493762062 | 371249 | 3762062 | RESIDENT | 0.59 | |
| 3713293762062 | 371329 | 3762062 | RESIDENT | 0.37 | |
| 3713493762062 | 371349 | 3762062 | RESIDENT | 0.33 | |
| 3713693762062 | 371369 | 3762062 | RESIDENT | 0.29 | |
| 3713893762062 | 371389 | 3762062 | RESIDENT | 0.26 | |
| 3714093762062 | 371409 | 3762062 | RESIDENT | 0.23 | |
| 3708693762082 | 370869 | 3762082 | RESIDENT | 0.33 | |
| 3708893762082 | 370889 | 3762082 | RESIDENT | 0.39 | |
| 3709093762082 | 370909 | 3762082 | RESIDENT | 0.46 | |
| 3709293762082 | 370929 | 3762082 | RESIDENT | 0.54 | |
| 3709493762082 | 370949 | 3762082 | RESIDENT | 0.64 | |
| 3709693762082 | 370969 | 3762082 | RESIDENT | 0.75 | |
| 3709893762082 | 370989 | 3762082 | RESIDENT | 0.86 | |
| 3710093762082 | 371009 | 3762082 | RESIDENT | 0.94 | |
| 3710293762082 | 371029 | 3762082 | RESIDENT | 1.01 | |
| 3711893762082 | 371189 | 3762082 | RESIDENT | 0.77 | |
| 3712093762082 | 371209 | 3762082 | RESIDENT | 0.70 | |
| 3712293762082 | 371229 | 3762082 | RESIDENT | 0.64 | |
| 3712493762082 | 371249 | 3762082 | RESIDENT | 0.57 | |
| 3712693762082 | 371269 | 3762082 | RESIDENT | 0.52 | |
| 3712893762082 | 371289 | 3762082 | RESIDENT | 0.46 | |
| 3713493762082 | 371349 | 3762082 | RESIDENT | 0.33 | |
| 3713693762082 | 371369 | 3762082 | RESIDENT | 0.30 | |
| 3713893762082 | 371389 | 3762082 | RESIDENT | 0.27 | |
| 3708693762102 | 370869 | 3762102 | RESIDENT | 0.28 | |
| 3708893762102 | 370889 | 3762102 | RESIDENT | 0.32 | |
| 3709093762102 | 370909 | 3762102 | RESIDENT | 0.38 | |
| 3709293762102 | 370929 | 3762102 | RESIDENT | 0.44 | |
| 3709493762102 | 370949 | 3762102 | RESIDENT | 0.51 | |
| 3709693762102 | 370969 | 3762102 | RESIDENT | 0.59 | |
| 3709893762102 | 370989 | 3762102 | RESIDENT | 0.68 | |
| 3710093762102 | 371009 | 3762102 | RESIDENT | 0.75 | |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 371409.00 | 3761722.00 | 9.94E-09 | 6.30E-08 | 3.91E-04 | 1.89E-02 | 1.93E-02 |
| 371429.00 | 3761722.00 | 9.25E-09 | 5.86E-08 | 3.63E-04 | 1.76E-02 | 1.79E-02 |
| 371449.00 | 3761722.00 | 8.64E-09 | 5.47E-08 | 3.39E-04 | 1.64E-02 | 1.67E-02 |
| 370869.00 | 3761742.00 | 1.04E-06 | 6.09E-06 | 4.10E-02 | 1.83E+00 | 1.87E+00 |
| 370889.00 | 3761742.00 | 9.02E-07 | 5.55E-06 | 3.54E-02 | 1.66E+00 | 1.70E+00 |
| 370909.00 | 3761742.00 | 7.42E-07 | 4.67E-06 | 2.91E-02 | 1.40E+00 | 1.43E+00 |
| 370929.00 | 3761742.00 | 5.67E-07 | 3.60E-06 | 2.23E-02 | 1.08E+00 | 1.10E+00 |
| 370949.00 | 3761742.00 | 4.05E-07 | 2.59E-06 | 1.59E-02 | 7.75E-01 | 7.91E-01 |
| 370969.00 | 3761742.00 | 2.82E-07 | 1.80E-06 | 1.11E-02 | 5.39E-01 | 5.50E-01 |
| 370989.00 | 3761742.00 | 1.98E-07 | 1.26E-06 | 7.79E-03 | 3.78E-01 | 3.86E-01 |
| 371009.00 | 3761742.00 | 1.44E-07 | 9.13E-07 | 5.66E-03 | 2.74E-01 | 2.79E-01 |
| 371029.00 | 3761742.00 | 1.09E-07 | 6.88E-07 | 4.27E-03 | 2.06E-01 | 2.10E-01 |
| 371049.00 | 3761742.00 | 8.51E-08 | 5.37E-07 | 3.34E-03 | 1.61E-01 | 1.64E-01 |
| 371069.00 | 3761742.00 | 6.88E-08 | 4.34E-07 | 2.70E-03 | 1.30E-01 | 1.33E-01 |
| 371089.00 | 3761742.00 | 5.72E-08 | 3.61E-07 | 2.25E-03 | 1.08E-01 | 1.10E-01 |
| 371109.00 | 3761742.00 | 4.86E-08 | 3.07E-07 | 1.91E-03 | 9.20E-02 | 9.39E-02 |
| 371129.00 | 3761742.00 | 4.20E-08 | 2.66E-07 | 1.65E-03 | 7.96E-02 | 8.12E-02 |
| 371149.00 | 3761742.00 | 3.63E-08 | 2.30E-07 | 1.43E-03 | 6.89E-02 | 7.04E-02 |
| 371169.00 | 3761742.00 | 3.25E-08 | 2.06E-07 | 1.28E-03 | 6.18E-02 | 6.31E-02 |
| 371189.00 | 3761742.00 | 2.90E-08 | 1.84E-07 | 1.14E-03 | 5.52E-02 | 5.63E-02 |
| 371209.00 | 3761742.00 | 2.60E-08 | 1.65E-07 | 1.02E-03 | 4.96E-02 | 5.06E-02 |
| 371229.00 | 3761742.00 | 2.35E-08 | 1.50E-07 | 9.25E-04 | 4.48E-02 | 4.58E-02 |
| 371249.00 | 3761742.00 | 2.14E-08 | 1.36E-07 | 8.40E-04 | 4.07E-02 | 4.16E-02 |
| 371269.00 | 3761742.00 | 1.95E-08 | 1.24E-07 | 7.66E-04 | 3.72E-02 | 3.79E-02 |
| 371289.00 | 3761742.00 | 1.78E-08 | 1.14E-07 | 7.00E-04 | 3.40E-02 | 3.47E-02 |
| 371309.00 | 3761742.00 | 1.64E-08 | 1.04E-07 | 6.43E-04 | 3.13E-02 | 3.19E-02 |
| 371329.00 | 3761742.00 | 1.51E-08 | 9.59E-08 | 5.91E-04 | 2.87E-02 | 2.93E-02 |
| 371349.00 | 3761742.00 | 1.38E-08 | 8.78E-08 | 5.41E-04 | 2.63E-02 | 2.68E-02 |
| 371369.00 | 3761742.00 | 1.28E-08 | 8.14E-08 | 5.02E-04 | 2.44E-02 | 2.49E-02 |
| 371389.00 | 3761742.00 | 1.19E-08 | 7.55E-08 | 4.66E-04 | 2.26E-02 | 2.31E-02 |
| 371409.00 | 3761742.00 | 1.09E-08 | 6.97E-08 | 4.30E-04 | 2.09E-02 | 2.13E-02 |
| 371429.00 | 3761742.00 | 1.01E-08 | 6.45E-08 | 3.98E-04 | 1.93E-02 | 1.97E-02 |
| 371449.00 | 3761742.00 | 9.43E-09 | 6.00E-08 | 3.71E-04 | 1.80E-02 | 1.84E-02 |
| 370869.00 | 3761762.00 | 1.46E-06 | 8.83E-06 | 5.72E-02 | 2.64E+00 | 2.70E+00 |
| 370889.00 | 3761762.00 | 1.42E-06 | 8.59E-06 | 5.57E-02 | 2.57E+00 | 2.63E+00 |
| 370909.00 | 3761762.00 | 1.18E-06 | 7.25E-06 | 4.63E-02 | 2.17E+00 | 2.22E+00 |
| 370929.00 | 3761762.00 | 8.50E-07 | 5.34E-06 | 3.34E-02 | 1.60E+00 | 1.63E+00 |
| 370949.00 | 3761762.00 | 5.58E-07 | 3.53E-06 | 2.19E-02 | 1.06E+00 | 1.08E+00 |
| 370969.00 | 3761762.00 | 3.58E-07 | 2.27E-06 | 1.41E-02 | 6.79E-01 | 6.93E-01 |
| 370989.00 | 3761762.00 | 2.38E-07 | 1.50E-06 | 9.35E-03 | 4.50E-01 | 4.60E-01 |
| 371009.00 | 3761762.00 | 1.68E-07 | 1.06E-06 | 6.60E-03 | 3.17E-01 | 3.24E-01 |
| 371029.00 | 3761762.00 | 1.26E-07 | 7.91E-07 | 4.94E-03 | 2.37E-01 | 2.42E-01 |
| 371049.00 | 3761762.00 | 9.87E-08 | 6.21E-07 | 3.88E-03 | 1.86E-01 | 1.90E-01 |
| 371069.00 | 3761762.00 | 8.05E-08 | 5.08E-07 | 3.16E-03 | 1.52E-01 | 1.55E-01 |
| 371089.00 | 3761762.00 | 6.75E-08 | 4.27E-07 | 2.65E-03 | 1.28E-01 | 1.30E-01 |
| 371109.00 | 3761762.00 | 5.77E-08 | 3.66E-07 | 2.27E-03 | 1.10E-01 | 1.12E-01 |
| 371129.00 | 3761762.00 | 5.00E-08 | 3.18E-07 | 1.96E-03 | 9.52E-02 | 9.72E-02 |
| 371149.00 | 3761762.00 | 4.38E-08 | 2.79E-07 | 1.72E-03 | 8.36E-02 | 8.53E-02 |
| 371169.00 | 3761762.00 | 3.87E-08 | 2.47E-07 | 1.52E-03 | 7.40E-02 | 7.55E-02 |
| 371189.00 | 3761762.00 | 3.45E-08 | 2.20E-07 | 1.35E-03 | 6.60E-02 | 6.73E-02 |
| 371209.00 | 3761762.00 | 3.09E-08 | 1.97E-07 | 1.21E-03 | 5.91E-02 | 6.03E-02 |
| 371229.00 | 3761762.00 | 2.78E-08 | 1.78E-07 | 1.09E-03 | 5.32E-02 | 5.43E-02 |
| 371249.00 | 3761762.00 | 2.51E-08 | 1.61E-07 | 9.85E-04 | 4.81E-02 | 4.91E-02 |
| 371269.00 | 3761762.00 | 2.28E-08 | 1.46E-07 | 8.94E-04 | 4.37E-02 | 4.46E-02 |
| 371289.00 | 3761762.00 | 2.07E-08 | 1.33E-07 | 8.14E-04 | 3.98E-02 | 4.06E-02 |
| 371309.00 | 3761762.00 | 1.89E-08 | 1.21E-07 | 7.43E-04 | 3.63E-02 | 3.71E-02 |
| 371329.00 | 3761762.00 | 1.73E-08 | 1.11E-07 | 6.81E-04 | 3.33E-02 | 3.40E-02 |
| 371349.00 | 3761762.00 | 1.58E-08 | 1.01E-07 | 6.21E-04 | 3.04E-02 | 3.10E-02 |
| 371369.00 | 3761762.00 | 1.44E-08 | 9.23E-08 | 5.66E-04 | 2.77E-02 | 2.82E-02 |
| 371389.00 | 3761762.00 | 1.32E-08 | 8.47E-08 | 5.20E-04 | 2.54E-02 | 2.59E-02 |
| 371409.00 | 3761762.00 | 1.22E-08 | 7.80E-08 | 4.79E-04 | 2.34E-02 | 2.39E-02 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3710293762102 | 371029 | 3762102 | RESIDENT | 0.81 | |
| 3711893762102 | 371189 | 3762102 | RESIDENT | 0.71 | |
| 3712093762102 | 371209 | 3762102 | RESIDENT | 0.66 | |
| 3712293762102 | 371229 | 3762102 | RESIDENT | 0.61 | |
| 3712493762102 | 371249 | 3762102 | RESIDENT | 0.55 | |
| 3712693762102 | 371269 | 3762102 | RESIDENT | 0.50 | |
| 3712893762102 | 371289 | 3762102 | RESIDENT | 0.46 | |
| 3713093762102 | 371309 | 3762102 | RESIDENT | 0.42 | |
| 3713693762102 | 371369 | 3762102 | RESIDENT | 0.31 | |
| 3708693762122 | 370869 | 3762122 | RESIDENT | 0.24 | |
| 3708893762122 | 370889 | 3762122 | RESIDENT | 0.27 | |
| 3709093762122 | 370909 | 3762122 | RESIDENT | 0.31 | |
| 3709293762122 | 370929 | 3762122 | RESIDENT | 0.36 | |
| 3709493762122 | 370949 | 3762122 | RESIDENT | 0.42 | |
| 3709693762122 | 370969 | 3762122 | RESIDENT | 0.48 | |
| 3709893762122 | 370989 | 3762122 | RESIDENT | 0.55 | |
| 3710093762122 | 371009 | 3762122 | RESIDENT | 0.61 | |
| 3710293762122 | 371029 | 3762122 | RESIDENT | 0.66 | |
| 3711893762122 | 371189 | 3762122 | RESIDENT | 0.65 | |
| 3712093762122 | 371209 | 3762122 | RESIDENT | 0.61 | |
| 3712293762122 | 371229 | 3762122 | RESIDENT | 0.57 | |
| 3712493762122 | 371249 | 3762122 | RESIDENT | 0.53 | |
| 3712693762122 | 371269 | 3762122 | RESIDENT | 0.49 | |
| 3712893762122 | 371289 | 3762122 | RESIDENT | 0.45 | |
| 3713093762122 | 371309 | 3762122 | RESIDENT | 0.41 | |
| 3713293762122 | 371329 | 3762122 | RESIDENT | 0.37 | |
| 3708693762142 | 370869 | 3762142 | RESIDENT | 0.20 | |
| 3708893762142 | 370889 | 3762142 | RESIDENT | 0.23 | |
| 3709093762142 | 370909 | 3762142 | RESIDENT | 0.26 | |
| 3709293762142 | 370929 | 3762142 | RESIDENT | 0.30 | |
| 3709493762142 | 370949 | 3762142 | RESIDENT | 0.35 | |
| 3709693762142 | 370969 | 3762142 | RESIDENT | 0.39 | |
| 3709893762142 | 370989 | 3762142 | RESIDENT | 0.44 | |
| 3710093762142 | 371009 | 3762142 | RESIDENT | 0.50 | |
| 3710293762142 | 371029 | 3762142 | RESIDENT | 0.54 | |
| 3711893762142 | 371189 | 3762142 | RESIDENT | 0.59 | |
| 3712093762142 | 371209 | 3762142 | RESIDENT | 0.56 | |
| 3712293762142 | 371229 | 3762142 | RESIDENT | 0.53 | |
| 3712493762142 | 371249 | 3762142 | RESIDENT | 0.50 | |
| 3712693762142 | 371269 | 3762142 | RESIDENT | 0.46 | |
| 3712893762142 | 371289 | 3762142 | RESIDENT | 0.43 | |
| 3713093762142 | 371309 | 3762142 | RESIDENT | 0.40 | |
| 3713293762142 | 371329 | 3762142 | RESIDENT | 0.37 | |
| 3713493762142 | 371349 | 3762142 | RESIDENT | 0.34 | |
| 3713693762142 | 371369 | 3762142 | RESIDENT | 0.31 | |
| 3708693762162 | 370869 | 3762162 | RESIDENT | 0.18 | |
| 3708893762162 | 370889 | 3762162 | RESIDENT | 0.20 | |
| 3709093762162 | 370909 | 3762162 | RESIDENT | 0.22 | |
| 3709293762162 | 370929 | 3762162 | RESIDENT | 0.26 | |
| 3709493762162 | 370949 | 3762162 | RESIDENT | 0.29 | |
| 3709693762162 | 370969 | 3762162 | RESIDENT | 0.33 | |
| 3709893762162 | 370989 | 3762162 | RESIDENT | 0.37 | |
| 3710093762162 | 371009 | 3762162 | RESIDENT | 0.41 | |
| 3710293762162 | 371029 | 3762162 | RESIDENT | 0.45 | |
| 3711893762162 | 371189 | 3762162 | RESIDENT | 0.53 | |
| 3712093762162 | 371209 | 3762162 | RESIDENT | 0.51 | |
| 3712293762162 | 371229 | 3762162 | RESIDENT | 0.49 | |
| 3712493762162 | 371249 | 3762162 | RESIDENT | 0.46 | |
| 3712693762162 | 371269 | 3762162 | RESIDENT | 0.44 | |
| 3712893762162 | 371289 | 3762162 | RESIDENT | 0.41 | |
| 3713093762162 | 371309 | 3762162 | RESIDENT | 0.38 | |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 371429.00 | 3761762.00 | 1.13E-08 | 7.21E-08 | 4.43E-04 | 2.16E-02 | 2.21E-02 |
| 371449.00 | 3761762.00 | 1.04E-08 | 6.68E-08 | 4.11E-04 | 2.00E-02 | 2.04E-02 |
| 370869.00 | 3761782.00 | 2.25E-06 | 1.38E-05 | 8.85E-02 | 4.14E+00 | 4.23E+00 |
| 370889.00 | 3761782.00 | 2.17E-06 | 1.39E-05 | 8.51E-02 | 4.17E+00 | 4.26E+00 |
| 370909.00 | 3761782.00 | 1.95E-06 | 1.22E-05 | 7.65E-02 | 3.66E+00 | 3.74E+00 |
| 370929.00 | 3761782.00 | 1.40E-06 | 8.61E-06 | 5.52E-02 | 2.58E+00 | 2.64E+00 |
| 370949.00 | 3761782.00 | 8.08E-07 | 5.05E-06 | 3.17E-02 | 1.51E+00 | 1.55E+00 |
| 370969.00 | 3761782.00 | 4.66E-07 | 2.92E-06 | 1.83E-02 | 8.76E-01 | 8.94E-01 |
| 370989.00 | 3761782.00 | 2.95E-07 | 1.85E-06 | 1.16E-02 | 5.55E-01 | 5.67E-01 |
| 371009.00 | 3761782.00 | 2.08E-07 | 1.31E-06 | 8.18E-03 | 3.92E-01 | 4.00E-01 |
| 371029.00 | 3761782.00 | 1.59E-07 | 1.00E-06 | 6.23E-03 | 3.00E-01 | 3.06E-01 |
| 371049.00 | 3761782.00 | 1.27E-07 | 8.04E-07 | 4.99E-03 | 2.41E-01 | 2.46E-01 |
| 371069.00 | 3761782.00 | 1.05E-07 | 6.67E-07 | 4.12E-03 | 2.00E-01 | 2.04E-01 |
| 371089.00 | 3761782.00 | 8.84E-08 | 5.64E-07 | 3.47E-03 | 1.69E-01 | 1.73E-01 |
| 371109.00 | 3761782.00 | 7.55E-08 | 4.83E-07 | 2.97E-03 | 1.45E-01 | 1.48E-01 |
| 371129.00 | 3761782.00 | 6.51E-08 | 4.17E-07 | 2.56E-03 | 1.25E-01 | 1.28E-01 |
| 371149.00 | 3761782.00 | 5.66E-08 | 3.64E-07 | 2.22E-03 | 1.09E-01 | 1.11E-01 |
| 371169.00 | 3761782.00 | 4.95E-08 | 3.19E-07 | 1.95E-03 | 9.55E-02 | 9.74E-02 |
| 371189.00 | 3761782.00 | 4.36E-08 | 2.81E-07 | 1.71E-03 | 8.42E-02 | 8.59E-02 |
| 371209.00 | 3761782.00 | 3.86E-08 | 2.49E-07 | 1.52E-03 | 7.47E-02 | 7.62E-02 |
| 371229.00 | 3761782.00 | 3.44E-08 | 2.22E-07 | 1.35E-03 | 6.65E-02 | 6.79E-02 |
| 371249.00 | 3761782.00 | 3.08E-08 | 1.99E-07 | 1.21E-03 | 5.95E-02 | 6.08E-02 |
| 371269.00 | 3761782.00 | 2.76E-08 | 1.78E-07 | 1.08E-03 | 5.34E-02 | 5.45E-02 |
| 371289.00 | 3761782.00 | 2.50E-08 | 1.61E-07 | 9.81E-04 | 4.83E-02 | 4.93E-02 |
| 371309.00 | 3761782.00 | 2.26E-08 | 1.46E-07 | 8.88E-04 | 4.38E-02 | 4.47E-02 |
| 371329.00 | 3761782.00 | 2.03E-08 | 1.31E-07 | 7.98E-04 | 3.93E-02 | 4.01E-02 |
| 371349.00 | 3761782.00 | 1.84E-08 | 1.18E-07 | 7.22E-04 | 3.55E-02 | 3.62E-02 |
| 371369.00 | 3761782.00 | 1.65E-08 | 1.06E-07 | 6.49E-04 | 3.19E-02 | 3.26E-02 |
| 371389.00 | 3761782.00 | 1.51E-08 | 9.76E-08 | 5.95E-04 | 2.92E-02 | 2.98E-02 |
| 371409.00 | 3761782.00 | 1.40E-08 | 9.04E-08 | 5.52E-04 | 2.71E-02 | 2.76E-02 |
| 371429.00 | 3761782.00 | 1.29E-08 | 8.30E-08 | 5.07E-04 | 2.49E-02 | 2.54E-02 |
| 371449.00 | 3761782.00 | 1.19E-08 | 7.66E-08 | 4.68E-04 | 2.29E-02 | 2.34E-02 |
| 370869.00 | 3761802.00 | 3.41E-06 | 2.23E-05 | 1.34E-01 | 6.69E+00 | 6.83E+00 |
| 370889.00 | 3761802.00 | 4.01E-06 | 2.58E-05 | 1.58E-01 | 7.74E+00 | 7.90E+00 |
| 370909.00 | 3761802.00 | 3.66E-06 | 2.34E-05 | 1.44E-01 | 7.02E+00 | 7.17E+00 |
| 370929.00 | 3761802.00 | 2.35E-06 | 1.50E-05 | 9.22E-02 | 4.51E+00 | 4.60E+00 |
| 370949.00 | 3761802.00 | 1.23E-06 | 7.66E-06 | 4.84E-02 | 2.30E+00 | 2.34E+00 |
| 370969.00 | 3761802.00 | 6.63E-07 | 4.16E-06 | 2.60E-02 | 1.25E+00 | 1.27E+00 |
| 370989.00 | 3761802.00 | 4.37E-07 | 2.77E-06 | 1.72E-02 | 8.29E-01 | 8.46E-01 |
| 371009.00 | 3761802.00 | 3.22E-07 | 2.06E-06 | 1.26E-02 | 6.16E-01 | 6.29E-01 |
| 371029.00 | 3761802.00 | 2.50E-07 | 1.61E-06 | 9.81E-03 | 4.81E-01 | 4.91E-01 |
| 371049.00 | 3761802.00 | 1.99E-07 | 1.29E-06 | 7.83E-03 | 3.86E-01 | 3.93E-01 |
| 371069.00 | 3761802.00 | 1.62E-07 | 1.05E-06 | 6.35E-03 | 3.14E-01 | 3.20E-01 |
| 371089.00 | 3761802.00 | 1.33E-07 | 8.62E-07 | 5.22E-03 | 2.58E-01 | 2.64E-01 |
| 371109.00 | 3761802.00 | 1.11E-07 | 7.18E-07 | 4.34E-03 | 2.15E-01 | 2.20E-01 |
| 371129.00 | 3761802.00 | 9.30E-08 | 6.05E-07 | 3.65E-03 | 1.81E-01 | 1.85E-01 |
| 371149.00 | 3761802.00 | 7.89E-08 | 5.14E-07 | 3.10E-03 | 1.54E-01 | 1.57E-01 |
| 371169.00 | 3761802.00 | 6.77E-08 | 4.41E-07 | 2.66E-03 | 1.32E-01 | 1.35E-01 |
| 371189.00 | 3761802.00 | 5.85E-08 | 3.81E-07 | 2.30E-03 | 1.14E-01 | 1.16E-01 |
| 371209.00 | 3761802.00 | 5.09E-08 | 3.32E-07 | 2.00E-03 | 9.94E-02 | 1.01E-01 |
| 371229.00 | 3761802.00 | 4.46E-08 | 2.91E-07 | 1.75E-03 | 8.71E-02 | 8.88E-02 |
| 371249.00 | 3761802.00 | 3.93E-08 | 2.56E-07 | 1.54E-03 | 7.68E-02 | 7.83E-02 |
| 371269.00 | 3761802.00 | 3.49E-08 | 2.27E-07 | 1.37E-03 | 6.81E-02 | 6.94E-02 |
| 371289.00 | 3761802.00 | 3.05E-08 | 1.99E-07 | 1.20E-03 | 5.95E-02 | 6.07E-02 |
| 371309.00 | 3761802.00 | 2.72E-08 | 1.77E-07 | 1.07E-03 | 5.30E-02 | 5.40E-02 |
| 371329.00 | 3761802.00 | 2.45E-08 | 1.59E-07 | 9.62E-04 | 4.77E-02 | 4.87E-02 |
| 371349.00 | 3761802.00 | 2.20E-08 | 1.43E-07 | 8.66E-04 | 4.29E-02 | 4.38E-02 |
| 371369.00 | 3761802.00 | 1.98E-08 | 1.29E-07 | 7.79E-04 | 3.86E-02 | 3.94E-02 |
| 371389.00 | 3761802.00 | 1.79E-08 | 1.16E-07 | 7.03E-04 | 3.48E-02 | 3.55E-02 |
| 371409.00 | 3761802.00 | 1.64E-08 | 1.06E-07 | 6.44E-04 | 3.18E-02 | 3.25E-02 |
| 371429.00 | 3761802.00 | 1.47E-08 | 9.54E-08 | 5.79E-04 | 2.86E-02 | 2.92E-02 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3713293762162 | 371329 | 3762162 | RESIDENT | 0.35 | |
| 3713493762162 | 371349 | 3762162 | RESIDENT | 0.33 | |
| 3713693762162 | 371369 | 3762162 | RESIDENT | 0.30 | |
| 3713893762162 | 371389 | 3762162 | RESIDENT | 0.28 | |
| 3708693762182 | 370869 | 3762182 | RESIDENT | 0.15 | |
| 3708893762182 | 370889 | 3762182 | RESIDENT | 0.17 | |
| 3709093762182 | 370909 | 3762182 | RESIDENT | 0.19 | |
| 3709293762182 | 370929 | 3762182 | RESIDENT | 0.22 | |
| 3709493762182 | 370949 | 3762182 | RESIDENT | 0.25 | |
| 3709693762182 | 370969 | 3762182 | RESIDENT | 0.27 | |
| 3709893762182 | 370989 | 3762182 | RESIDENT | 0.31 | |
| 3710093762182 | 371009 | 3762182 | RESIDENT | 0.35 | |
| 3710293762182 | 371029 | 3762182 | RESIDENT | 0.38 | |
| 3711893762182 | 371189 | 3762182 | RESIDENT | 0.47 | |
| 3712093762182 | 371209 | 3762182 | RESIDENT | 0.46 | |
| 3712293762182 | 371229 | 3762182 | RESIDENT | 0.45 | |
| 3712493762182 | 371249 | 3762182 | RESIDENT | 0.43 | |
| 3712693762182 | 371269 | 3762182 | RESIDENT | 0.41 | |
| 3712893762182 | 371289 | 3762182 | RESIDENT | 0.38 | |
| 3713093762182 | 371309 | 3762182 | RESIDENT | 0.36 | |
| 3713293762182 | 371329 | 3762182 | RESIDENT | 0.34 | |
| 3713493762182 | 371349 | 3762182 | RESIDENT | 0.32 | |
| 3713693762182 | 371369 | 3762182 | RESIDENT | 0.30 | |
| 3713893762182 | 371389 | 3762182 | RESIDENT | 0.28 | |
| 3714093762182 | 371409 | 3762182 | RESIDENT | 0.26 | |
| 3714293762182 | 371429 | 3762182 | RESIDENT | 0.24 | |
| 3708693762202 | 370869 | 3762202 | RESIDENT | 0.13 | |
| 3708893762202 | 370889 | 3762202 | RESIDENT | 0.15 | |
| 3709093762202 | 370909 | 3762202 | RESIDENT | 0.17 | |
| 3709293762202 | 370929 | 3762202 | RESIDENT | 0.19 | |
| 3709493762202 | 370949 | 3762202 | RESIDENT | 0.21 | |
| 3709693762202 | 370969 | 3762202 | RESIDENT | 0.23 | |
| 3709893762202 | 370989 | 3762202 | RESIDENT | 0.26 | |
| 3710093762202 | 371009 | 3762202 | RESIDENT | 0.29 | |
| 3710293762202 | 371029 | 3762202 | RESIDENT | 0.31 | |
| 3711893762202 | 371189 | 3762202 | RESIDENT | 0.42 | |
| 3712093762202 | 371209 | 3762202 | RESIDENT | 0.42 | |
| 3712293762202 | 371229 | 3762202 | RESIDENT | 0.41 | |
| 3712493762202 | 371249 | 3762202 | RESIDENT | 0.39 | |
| 3712693762202 | 371269 | 3762202 | RESIDENT | 0.38 | |
| 3712893762202 | 371289 | 3762202 | RESIDENT | 0.36 | |
| 3713093762202 | 371309 | 3762202 | RESIDENT | 0.34 | |
| 3713293762202 | 371329 | 3762202 | RESIDENT | 0.32 | |
| 3713493762202 | 371349 | 3762202 | RESIDENT | 0.31 | |
| 3713693762202 | 371369 | 3762202 | RESIDENT | 0.29 | |
| 3713893762202 | 371389 | 3762202 | RESIDENT | 0.27 | |
| 3714093762202 | 371409 | 3762202 | RESIDENT | 0.25 | |
| 3714293762202 | 371429 | 3762202 | RESIDENT | 0.23 | |
| 3714493762202 | 371449 | 3762202 | RESIDENT | 0.22 | |
| 3708693762222 | 370869 | 3762222 | RESIDENT | 0.12 | |
| 3708893762222 | 370889 | 3762222 | RESIDENT | 0.13 | |
| 3709093762222 | 370909 | 3762222 | RESIDENT | 0.14 | |
| 3709293762222 | 370929 | 3762222 | RESIDENT | 0.16 | |
| 3709493762222 | 370949 | 3762222 | RESIDENT | 0.18 | |
| 3709693762222 | 370969 | 3762222 | RESIDENT | 0.20 | |
| 3709893762222 | 370989 | 3762222 | RESIDENT | 0.22 | |
| 3710093762222 | 371009 | 3762222 | RESIDENT | 0.25 | |
| 3710293762222 | 371029 | 3762222 | RESIDENT | 0.27 | |
| 3711893762222 | 371189 | 3762222 | RESIDENT | 0.38 | |
| 3712093762222 | 371209 | 3762222 | RESIDENT | 0.37 | |
| 3712293762222 | 371229 | 3762222 | RESIDENT | 0.37 | |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor | | 3rd Trimester | 0 < 2 | 3rd Trimester | 0 < 2 | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| X | Y | Dose (mg/kg-day) | | Cancer Risk (in one million) | | |
| 371449.00 | 3761802.00 | 1.37E-08 | 8.83E-08 | 5.36E-04 | 2.65E-02 | 2.70E-02 |
| 370869.00 | 3761822.00 | 5.45E-06 | 3.66E-05 | 2.14E-01 | 1.10E+01 | 1.12E+01 |
| 370889.00 | 3761822.00 | 6.63E-06 | 4.48E-05 | 2.60E-01 | 1.34E+01 | 1.37E+01 |
| 370949.00 | 3761822.00 | 2.55E-06 | 1.67E-05 | 1.00E-01 | 5.00E+00 | 5.10E+00 |
| 370969.00 | 3761822.00 | 1.58E-06 | 1.04E-05 | 6.21E-02 | 3.13E+00 | 3.19E+00 |
| 370989.00 | 3761822.00 | 1.04E-06 | 6.89E-06 | 4.09E-02 | 2.07E+00 | 2.11E+00 |
| 371009.00 | 3761822.00 | 7.13E-07 | 4.73E-06 | 2.80E-02 | 1.42E+00 | 1.44E+00 |
| 371029.00 | 3761822.00 | 5.04E-07 | 3.34E-06 | 1.98E-02 | 1.00E+00 | 1.02E+00 |
| 371049.00 | 3761822.00 | 3.70E-07 | 2.45E-06 | 1.46E-02 | 7.35E-01 | 7.50E-01 |
| 371069.00 | 3761822.00 | 2.81E-07 | 1.86E-06 | 1.10E-02 | 5.57E-01 | 5.68E-01 |
| 371089.00 | 3761822.00 | 2.18E-07 | 1.44E-06 | 8.58E-03 | 4.33E-01 | 4.42E-01 |
| 371109.00 | 3761822.00 | 1.74E-07 | 1.15E-06 | 6.83E-03 | 3.44E-01 | 3.51E-01 |
| 371129.00 | 3761822.00 | 1.41E-07 | 9.29E-07 | 5.53E-03 | 2.78E-01 | 2.84E-01 |
| 371149.00 | 3761822.00 | 1.16E-07 | 7.63E-07 | 4.54E-03 | 2.29E-01 | 2.33E-01 |
| 371169.00 | 3761822.00 | 9.64E-08 | 6.35E-07 | 3.79E-03 | 1.90E-01 | 1.94E-01 |
| 371189.00 | 3761822.00 | 8.12E-08 | 5.35E-07 | 3.19E-03 | 1.60E-01 | 1.64E-01 |
| 371209.00 | 3761822.00 | 6.89E-08 | 4.54E-07 | 2.71E-03 | 1.36E-01 | 1.39E-01 |
| 371229.00 | 3761822.00 | 5.93E-08 | 3.90E-07 | 2.33E-03 | 1.17E-01 | 1.19E-01 |
| 371249.00 | 3761822.00 | 5.14E-08 | 3.38E-07 | 2.02E-03 | 1.01E-01 | 1.03E-01 |
| 371269.00 | 3761822.00 | 4.49E-08 | 2.95E-07 | 1.76E-03 | 8.83E-02 | 9.01E-02 |
| 371289.00 | 3761822.00 | 3.80E-08 | 2.49E-07 | 1.49E-03 | 7.45E-02 | 7.60E-02 |
| 371309.00 | 3761822.00 | 3.35E-08 | 2.19E-07 | 1.31E-03 | 6.57E-02 | 6.70E-02 |
| 371329.00 | 3761822.00 | 2.98E-08 | 1.95E-07 | 1.17E-03 | 5.84E-02 | 5.96E-02 |
| 371349.00 | 3761822.00 | 2.69E-08 | 1.76E-07 | 1.06E-03 | 5.27E-02 | 5.38E-02 |
| 371369.00 | 3761822.00 | 2.40E-08 | 1.57E-07 | 9.44E-04 | 4.70E-02 | 4.80E-02 |
| 371389.00 | 3761822.00 | 2.17E-08 | 1.42E-07 | 8.54E-04 | 4.25E-02 | 4.34E-02 |
| 371409.00 | 3761822.00 | 1.94E-08 | 1.27E-07 | 7.63E-04 | 3.80E-02 | 3.87E-02 |
| 371429.00 | 3761822.00 | 1.75E-08 | 1.14E-07 | 6.89E-04 | 3.42E-02 | 3.49E-02 |
| 371449.00 | 3761822.00 | 1.63E-08 | 1.06E-07 | 6.42E-04 | 3.19E-02 | 3.25E-02 |
| 370969.00 | 3761842.00 | 5.75E-06 | 3.94E-05 | 2.26E-01 | 1.18E+01 | 1.20E+01 |
| 370989.00 | 3761842.00 | 2.94E-06 | 2.00E-05 | 1.15E-01 | 6.00E+00 | 6.12E+00 |
| 371009.00 | 3761842.00 | 1.64E-06 | 1.12E-05 | 6.46E-02 | 3.34E+00 | 3.41E+00 |
| 371029.00 | 3761842.00 | 1.02E-06 | 6.92E-06 | 4.02E-02 | 2.07E+00 | 2.11E+00 |
| 371049.00 | 3761842.00 | 6.87E-07 | 4.63E-06 | 2.70E-02 | 1.39E+00 | 1.41E+00 |
| 371069.00 | 3761842.00 | 4.86E-07 | 3.27E-06 | 1.91E-02 | 9.79E-01 | 9.98E-01 |
| 371089.00 | 3761842.00 | 3.58E-07 | 2.40E-06 | 1.41E-02 | 7.20E-01 | 7.34E-01 |
| 371109.00 | 3761842.00 | 2.73E-07 | 1.82E-06 | 1.07E-02 | 5.47E-01 | 5.58E-01 |
| 371129.00 | 3761842.00 | 2.13E-07 | 1.42E-06 | 8.37E-03 | 4.26E-01 | 4.35E-01 |
| 371149.00 | 3761842.00 | 1.70E-07 | 1.13E-06 | 6.67E-03 | 3.39E-01 | 3.46E-01 |
| 371169.00 | 3761842.00 | 1.38E-07 | 9.17E-07 | 5.41E-03 | 2.75E-01 | 2.80E-01 |
| 371189.00 | 3761842.00 | 1.14E-07 | 7.55E-07 | 4.46E-03 | 2.26E-01 | 2.31E-01 |
| 371209.00 | 3761842.00 | 9.46E-08 | 6.28E-07 | 3.72E-03 | 1.88E-01 | 1.92E-01 |
| 371229.00 | 3761842.00 | 7.95E-08 | 5.27E-07 | 3.12E-03 | 1.58E-01 | 1.61E-01 |
| 371249.00 | 3761842.00 | 6.79E-08 | 4.50E-07 | 2.67E-03 | 1.35E-01 | 1.37E-01 |
| 371269.00 | 3761842.00 | 5.82E-08 | 3.85E-07 | 2.29E-03 | 1.15E-01 | 1.18E-01 |
| 371289.00 | 3761842.00 | 4.95E-08 | 3.27E-07 | 1.94E-03 | 9.79E-02 | 9.98E-02 |
| 371309.00 | 3761842.00 | 4.27E-08 | 2.82E-07 | 1.68E-03 | 8.44E-02 | 8.61E-02 |
| 371329.00 | 3761842.00 | 3.73E-08 | 2.46E-07 | 1.46E-03 | 7.36E-02 | 7.51E-02 |
| 371349.00 | 3761842.00 | 3.31E-08 | 2.18E-07 | 1.30E-03 | 6.52E-02 | 6.65E-02 |
| 371369.00 | 3761842.00 | 2.99E-08 | 1.97E-07 | 1.17E-03 | 5.89E-02 | 6.01E-02 |
| 371389.00 | 3761842.00 | 2.67E-08 | 1.75E-07 | 1.05E-03 | 5.25E-02 | 5.35E-02 |
| 371409.00 | 3761842.00 | 2.37E-08 | 1.56E-07 | 9.33E-04 | 4.67E-02 | 4.76E-02 |
| 371429.00 | 3761842.00 | 2.17E-08 | 1.42E-07 | 8.53E-04 | 4.27E-02 | 4.35E-02 |
| 371449.00 | 3761842.00 | 1.95E-08 | 1.28E-07 | 7.66E-04 | 3.83E-02 | 3.90E-02 |
| 370869.00 | 3761862.00 | 6.20E-06 | 4.14E-05 | 2.44E-01 | 1.24E+01 | 1.27E+01 |
| 370949.00 | 3761862.00 | 1.59E-05 | 1.09E-04 | 6.23E-01 | 3.28E+01 | 3.34E+01 |
| 370969.00 | 3761862.00 | 9.99E-06 | 6.88E-05 | 3.92E-01 | 2.06E+01 | 2.10E+01 |
| 370989.00 | 3761862.00 | 5.13E-06 | 3.52E-05 | 2.02E-01 | 1.06E+01 | 1.08E+01 |
| 371009.00 | 3761862.00 | 2.82E-06 | 1.93E-05 | 1.11E-01 | 5.79E+00 | 5.90E+00 |
| 371029.00 | 3761862.00 | 1.71E-06 | 1.16E-05 | 6.70E-02 | 3.49E+00 | 3.55E+00 |
| 371049.00 | 3761862.00 | 1.11E-06 | 7.53E-06 | 4.35E-02 | 2.26E+00 | 2.30E+00 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|
| 3712493762222 | 371249 | 3762222 | RESIDENT | 0.36 | |
| 3712693762222 | 371269 | 3762222 | RESIDENT | 0.35 | |
| 3712893762222 | 371289 | 3762222 | RESIDENT | 0.34 | |
| 3713093762222 | 371309 | 3762222 | RESIDENT | 0.32 | |
| 3713293762222 | 371329 | 3762222 | RESIDENT | 0.31 | |
| 3713493762222 | 371349 | 3762222 | RESIDENT | 0.29 | |
| 3713693762222 | 371369 | 3762222 | RESIDENT | 0.28 | |
| 3713893762222 | 371389 | 3762222 | RESIDENT | 0.26 | |
| 3714093762222 | 371409 | 3762222 | RESIDENT | 0.24 | |
| 3714293762222 | 371429 | 3762222 | RESIDENT | 0.23 | |
| 3714493762222 | 371449 | 3762222 | RESIDENT | 0.21 | |
| 3708693762242 | 370869 | 3762242 | RESIDENT | 0.11 | |
| 3708893762242 | 370889 | 3762242 | RESIDENT | 0.12 | |
| 3709093762242 | 370909 | 3762242 | RESIDENT | 0.13 | |
| 3709293762242 | 370929 | 3762242 | RESIDENT | 0.14 | |
| 3709493762242 | 370949 | 3762242 | RESIDENT | 0.16 | |
| 3709693762242 | 370969 | 3762242 | RESIDENT | 0.17 | |
| 3709893762242 | 370989 | 3762242 | RESIDENT | 0.19 | |
| 3710093762242 | 371009 | 3762242 | RESIDENT | 0.21 | |
| 3710293762242 | 371029 | 3762242 | RESIDENT | 0.23 | |
| 3711893762242 | 371189 | 3762242 | RESIDENT | 0.34 | |
| 3712093762242 | 371209 | 3762242 | RESIDENT | 0.34 | |
| 3712293762242 | 371229 | 3762242 | RESIDENT | 0.33 | |
| 3712493762242 | 371249 | 3762242 | RESIDENT | 0.33 | |
| 3712693762242 | 371269 | 3762242 | RESIDENT | 0.32 | |
| 3712893762242 | 371289 | 3762242 | RESIDENT | 0.31 | |
| 3713093762242 | 371309 | 3762242 | RESIDENT | 0.30 | |
| 3713293762242 | 371329 | 3762242 | RESIDENT | 0.29 | |
| 3713493762242 | 371349 | 3762242 | RESIDENT | 0.28 | |
| 3713693762242 | 371369 | 3762242 | RESIDENT | 0.26 | |
| 3713893762242 | 371389 | 3762242 | RESIDENT | 0.25 | |
| 3714093762242 | 371409 | 3762242 | RESIDENT | 0.24 | |
| 3714293762242 | 371429 | 3762242 | RESIDENT | 0.22 | |
| 3714493762242 | 371449 | 3762242 | RESIDENT | 0.21 | |

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor | | 3rd Trimester | 0 < 2 | 3rd Trimester | 0 < 2 | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| X | Y | Dose (mg/kg-day) | | Cancer Risk (in one million) | | |
| 371069.00 | 3761862.00 | 7.60E-07 | 5.16E-06 | 2.99E-02 | 1.54E+00 | 1.57E+00 |
| 371089.00 | 3761862.00 | 5.45E-07 | 3.69E-06 | 2.14E-02 | 1.10E+00 | 1.13E+00 |
| 371109.00 | 3761862.00 | 4.04E-07 | 2.73E-06 | 1.59E-02 | 8.18E-01 | 8.34E-01 |
| 371129.00 | 3761862.00 | 3.09E-07 | 2.08E-06 | 1.21E-02 | 6.23E-01 | 6.35E-01 |
| 371149.00 | 3761862.00 | 2.41E-07 | 1.62E-06 | 9.47E-03 | 4.85E-01 | 4.95E-01 |
| 371169.00 | 3761862.00 | 1.92E-07 | 1.29E-06 | 7.54E-03 | 3.86E-01 | 3.93E-01 |
| 371189.00 | 3761862.00 | 1.55E-07 | 1.04E-06 | 6.11E-03 | 3.12E-01 | 3.18E-01 |
| 371209.00 | 3761862.00 | 1.27E-07 | 8.52E-07 | 5.00E-03 | 2.55E-01 | 2.60E-01 |
| 371229.00 | 3761862.00 | 1.06E-07 | 7.09E-07 | 4.17E-03 | 2.12E-01 | 2.17E-01 |
| 371249.00 | 3761862.00 | 8.95E-08 | 5.97E-07 | 3.52E-03 | 1.79E-01 | 1.82E-01 |
| 371269.00 | 3761862.00 | 7.61E-08 | 5.07E-07 | 2.99E-03 | 1.52E-01 | 1.55E-01 |
| 371289.00 | 3761862.00 | 6.43E-08 | 4.28E-07 | 2.53E-03 | 1.28E-01 | 1.31E-01 |
| 371309.00 | 3761862.00 | 5.48E-08 | 3.63E-07 | 2.15E-03 | 1.09E-01 | 1.11E-01 |
| 371329.00 | 3761862.00 | 4.72E-08 | 3.13E-07 | 1.85E-03 | 9.37E-02 | 9.55E-02 |
| 371349.00 | 3761862.00 | 4.19E-08 | 2.77E-07 | 1.65E-03 | 8.31E-02 | 8.48E-02 |
| 371369.00 | 3761862.00 | 3.71E-08 | 2.45E-07 | 1.46E-03 | 7.35E-02 | 7.50E-02 |
| 371389.00 | 3761862.00 | 3.27E-08 | 2.16E-07 | 1.29E-03 | 6.48E-02 | 6.61E-02 |
| 371409.00 | 3761862.00 | 2.93E-08 | 1.94E-07 | 1.15E-03 | 5.81E-02 | 5.92E-02 |
| 371429.00 | 3761862.00 | 2.57E-08 | 1.70E-07 | 1.01E-03 | 5.08E-02 | 5.19E-02 |
| 371449.00 | 3761862.00 | 2.30E-08 | 1.52E-07 | 9.04E-04 | 4.54E-02 | 4.63E-02 |
| 370869.00 | 3761882.00 | 4.07E-06 | 2.73E-05 | 1.60E-01 | 8.19E+00 | 8.35E+00 |
| 370889.00 | 3761882.00 | 8.05E-06 | 5.38E-05 | 3.16E-01 | 1.61E+01 | 1.64E+01 |
| 370929.00 | 3761882.00 | 1.72E-05 | 1.18E-04 | 6.74E-01 | 3.54E+01 | 3.61E+01 |
| 370949.00 | 3761882.00 | 1.48E-05 | 1.02E-04 | 5.83E-01 | 3.07E+01 | 3.13E+01 |
| 370969.00 | 3761882.00 | 9.67E-06 | 6.67E-05 | 3.80E-01 | 2.00E+01 | 2.04E+01 |
| 370989.00 | 3761882.00 | 5.85E-06 | 4.02E-05 | 2.30E-01 | 1.21E+01 | 1.23E+01 |
| 371009.00 | 3761882.00 | 3.57E-06 | 2.45E-05 | 1.40E-01 | 7.34E+00 | 7.48E+00 |
| 371029.00 | 3761882.00 | 2.27E-06 | 1.55E-05 | 8.91E-02 | 4.65E+00 | 4.74E+00 |
| 371049.00 | 3761882.00 | 1.51E-06 | 1.03E-05 | 5.92E-02 | 3.08E+00 | 3.14E+00 |
| 371069.00 | 3761882.00 | 1.04E-06 | 7.10E-06 | 4.10E-02 | 2.13E+00 | 2.17E+00 |
| 371089.00 | 3761882.00 | 7.47E-07 | 5.08E-06 | 2.93E-02 | 1.52E+00 | 1.55E+00 |
| 371109.00 | 3761882.00 | 5.52E-07 | 3.74E-06 | 2.17E-02 | 1.12E+00 | 1.14E+00 |
| 371129.00 | 3761882.00 | 4.18E-07 | 2.83E-06 | 1.64E-02 | 8.48E-01 | 8.64E-01 |
| 371149.00 | 3761882.00 | 3.24E-07 | 2.19E-06 | 1.27E-02 | 6.55E-01 | 6.68E-01 |
| 371169.00 | 3761882.00 | 2.56E-07 | 1.72E-06 | 1.00E-02 | 5.16E-01 | 5.27E-01 |
| 371189.00 | 3761882.00 | 2.05E-07 | 1.38E-06 | 8.06E-03 | 4.14E-01 | 4.22E-01 |
| 371209.00 | 3761882.00 | 1.66E-07 | 1.11E-06 | 6.51E-03 | 3.34E-01 | 3.40E-01 |
| 371229.00 | 3761882.00 | 1.37E-07 | 9.19E-07 | 5.38E-03 | 2.75E-01 | 2.81E-01 |
| 371249.00 | 3761882.00 | 1.15E-07 | 7.70E-07 | 4.52E-03 | 2.31E-01 | 2.35E-01 |
| 371269.00 | 3761882.00 | 9.69E-08 | 6.49E-07 | 3.81E-03 | 1.94E-01 | 1.98E-01 |
| 371289.00 | 3761882.00 | 8.13E-08 | 5.43E-07 | 3.19E-03 | 1.63E-01 | 1.66E-01 |
| 371309.00 | 3761882.00 | 6.90E-08 | 4.61E-07 | 2.71E-03 | 1.38E-01 | 1.41E-01 |
| 371329.00 | 3761882.00 | 5.95E-08 | 3.97E-07 | 2.34E-03 | 1.19E-01 | 1.21E-01 |
| 371349.00 | 3761882.00 | 5.21E-08 | 3.47E-07 | 2.05E-03 | 1.04E-01 | 1.06E-01 |
| 371369.00 | 3761882.00 | 4.49E-08 | 2.98E-07 | 1.76E-03 | 8.94E-02 | 9.12E-02 |
| 371389.00 | 3761882.00 | 4.03E-08 | 2.68E-07 | 1.58E-03 | 8.03E-02 | 8.19E-02 |
| 371409.00 | 3761882.00 | 3.57E-08 | 2.37E-07 | 1.40E-03 | 7.09E-02 | 7.23E-02 |
| 371429.00 | 3761882.00 | 3.12E-08 | 2.07E-07 | 1.23E-03 | 6.20E-02 | 6.32E-02 |
| 371449.00 | 3761882.00 | 2.71E-08 | 1.79E-07 | 1.07E-03 | 5.38E-02 | 5.48E-02 |
| 370869.00 | 3761902.00 | 2.44E-06 | 1.64E-05 | 9.60E-02 | 4.93E+00 | 5.02E+00 |
| 370889.00 | 3761902.00 | 4.23E-06 | 2.85E-05 | 1.66E-01 | 8.54E+00 | 8.71E+00 |
| 370929.00 | 3761902.00 | 1.18E-05 | 8.08E-05 | 4.62E-01 | 2.42E+01 | 2.47E+01 |
| 370949.00 | 3761902.00 | 1.03E-05 | 7.12E-05 | 4.07E-01 | 2.13E+01 | 2.18E+01 |
| 370969.00 | 3761902.00 | 7.67E-06 | 5.28E-05 | 3.01E-01 | 1.58E+01 | 1.61E+01 |
| 370989.00 | 3761902.00 | 5.36E-06 | 3.69E-05 | 2.11E-01 | 1.11E+01 | 1.13E+01 |
| 371009.00 | 3761902.00 | 3.67E-06 | 2.52E-05 | 1.44E-01 | 7.56E+00 | 7.70E+00 |
| 371029.00 | 3761902.00 | 2.52E-06 | 1.73E-05 | 9.91E-02 | 5.18E+00 | 5.28E+00 |
| 371049.00 | 3761902.00 | 1.76E-06 | 1.21E-05 | 6.93E-02 | 3.62E+00 | 3.69E+00 |
| 371069.00 | 3761902.00 | 1.26E-06 | 8.62E-06 | 4.96E-02 | 2.58E+00 | 2.63E+00 |
| 371089.00 | 3761902.00 | 9.23E-07 | 6.29E-06 | 3.63E-02 | 1.89E+00 | 1.92E+00 |
| 371109.00 | 3761902.00 | 6.90E-07 | 4.69E-06 | 2.71E-02 | 1.41E+00 | 1.43E+00 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor | | 3rd Trimester | 0 < 2 | 3rd Trimester | 0 < 2 | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| X | Y | Dose (mg/kg-day) | | Cancer Risk (in one million) | | |
| 371129.00 | 3761902.00 | 5.26E-07 | 3.57E-06 | 2.07E-02 | 1.07E+00 | 1.09E+00 |
| 371149.00 | 3761902.00 | 4.09E-07 | 2.77E-06 | 1.61E-02 | 8.30E-01 | 8.47E-01 |
| 371169.00 | 3761902.00 | 3.23E-07 | 2.18E-06 | 1.27E-02 | 6.55E-01 | 6.67E-01 |
| 371189.00 | 3761902.00 | 2.58E-07 | 1.74E-06 | 1.01E-02 | 5.23E-01 | 5.33E-01 |
| 371209.00 | 3761902.00 | 2.09E-07 | 1.41E-06 | 8.22E-03 | 4.23E-01 | 4.31E-01 |
| 371229.00 | 3761902.00 | 1.71E-07 | 1.15E-06 | 6.73E-03 | 3.46E-01 | 3.52E-01 |
| 371249.00 | 3761902.00 | 1.43E-07 | 9.60E-07 | 5.61E-03 | 2.88E-01 | 2.93E-01 |
| 371269.00 | 3761902.00 | 1.20E-07 | 8.09E-07 | 4.73E-03 | 2.42E-01 | 2.47E-01 |
| 371289.00 | 3761902.00 | 1.02E-07 | 6.82E-07 | 3.99E-03 | 2.04E-01 | 2.08E-01 |
| 371309.00 | 3761902.00 | 8.57E-08 | 5.74E-07 | 3.37E-03 | 1.72E-01 | 1.75E-01 |
| 371329.00 | 3761902.00 | 7.38E-08 | 4.94E-07 | 2.90E-03 | 1.48E-01 | 1.51E-01 |
| 371349.00 | 3761902.00 | 6.37E-08 | 4.26E-07 | 2.50E-03 | 1.28E-01 | 1.30E-01 |
| 371369.00 | 3761902.00 | 5.53E-08 | 3.69E-07 | 2.17E-03 | 1.11E-01 | 1.13E-01 |
| 371389.00 | 3761902.00 | 4.92E-08 | 3.28E-07 | 1.93E-03 | 9.84E-02 | 1.00E-01 |
| 371409.00 | 3761902.00 | 4.20E-08 | 2.80E-07 | 1.65E-03 | 8.39E-02 | 8.55E-02 |
| 371429.00 | 3761902.00 | 3.70E-08 | 2.46E-07 | 1.45E-03 | 7.38E-02 | 7.52E-02 |
| 371449.00 | 3761902.00 | 3.23E-08 | 2.15E-07 | 1.27E-03 | 6.43E-02 | 6.55E-02 |
| 370869.00 | 3761922.00 | 1.51E-06 | 1.01E-05 | 5.91E-02 | 3.03E+00 | 3.09E+00 |
| 370889.00 | 3761922.00 | 2.31E-06 | 1.56E-05 | 9.09E-02 | 4.68E+00 | 4.77E+00 |
| 370909.00 | 3761922.00 | 3.84E-06 | 2.61E-05 | 1.51E-01 | 7.81E+00 | 7.96E+00 |
| 370929.00 | 3761922.00 | 5.76E-06 | 3.94E-05 | 2.26E-01 | 1.18E+01 | 1.20E+01 |
| 370949.00 | 3761922.00 | 6.17E-06 | 4.23E-05 | 2.42E-01 | 1.27E+01 | 1.29E+01 |
| 370969.00 | 3761922.00 | 5.42E-06 | 3.72E-05 | 2.13E-01 | 1.12E+01 | 1.14E+01 |
| 370989.00 | 3761922.00 | 4.33E-06 | 2.98E-05 | 1.70E-01 | 8.92E+00 | 9.09E+00 |
| 371009.00 | 3761922.00 | 3.31E-06 | 2.27E-05 | 1.30E-01 | 6.80E+00 | 6.93E+00 |
| 371029.00 | 3761922.00 | 2.47E-06 | 1.70E-05 | 9.71E-02 | 5.08E+00 | 5.18E+00 |
| 371049.00 | 3761922.00 | 1.84E-06 | 1.26E-05 | 7.23E-02 | 3.77E+00 | 3.85E+00 |
| 371069.00 | 3761922.00 | 1.38E-06 | 9.41E-06 | 5.41E-02 | 2.82E+00 | 2.87E+00 |
| 371089.00 | 3761922.00 | 1.04E-06 | 7.10E-06 | 4.09E-02 | 2.13E+00 | 2.17E+00 |
| 371109.00 | 3761922.00 | 7.96E-07 | 5.42E-06 | 3.13E-02 | 1.63E+00 | 1.66E+00 |
| 371129.00 | 3761922.00 | 6.18E-07 | 4.20E-06 | 2.43E-02 | 1.26E+00 | 1.28E+00 |
| 371149.00 | 3761922.00 | 4.85E-07 | 3.30E-06 | 1.91E-02 | 9.88E-01 | 1.01E+00 |
| 371169.00 | 3761922.00 | 3.87E-07 | 2.62E-06 | 1.52E-02 | 7.85E-01 | 8.01E-01 |
| 371189.00 | 3761922.00 | 3.11E-07 | 2.11E-06 | 1.22E-02 | 6.32E-01 | 6.44E-01 |
| 371209.00 | 3761922.00 | 2.54E-07 | 1.71E-06 | 9.96E-03 | 5.14E-01 | 5.24E-01 |
| 371229.00 | 3761922.00 | 2.08E-07 | 1.40E-06 | 8.17E-03 | 4.21E-01 | 4.29E-01 |
| 371249.00 | 3761922.00 | 1.71E-07 | 1.15E-06 | 6.71E-03 | 3.45E-01 | 3.52E-01 |
| 371269.00 | 3761922.00 | 1.45E-07 | 9.74E-07 | 5.68E-03 | 2.92E-01 | 2.98E-01 |
| 371289.00 | 3761922.00 | 1.22E-07 | 8.22E-07 | 4.80E-03 | 2.46E-01 | 2.51E-01 |
| 371309.00 | 3761922.00 | 1.04E-07 | 6.98E-07 | 4.08E-03 | 2.09E-01 | 2.13E-01 |
| 371329.00 | 3761922.00 | 8.89E-08 | 5.97E-07 | 3.49E-03 | 1.79E-01 | 1.82E-01 |
| 371349.00 | 3761922.00 | 7.65E-08 | 5.13E-07 | 3.01E-03 | 1.54E-01 | 1.57E-01 |
| 371369.00 | 3761922.00 | 6.71E-08 | 4.49E-07 | 2.63E-03 | 1.35E-01 | 1.37E-01 |
| 371389.00 | 3761922.00 | 5.86E-08 | 3.92E-07 | 2.30E-03 | 1.17E-01 | 1.20E-01 |
| 371409.00 | 3761922.00 | 5.01E-08 | 3.35E-07 | 1.97E-03 | 1.00E-01 | 1.02E-01 |
| 371429.00 | 3761922.00 | 4.35E-08 | 2.90E-07 | 1.71E-03 | 8.70E-02 | 8.87E-02 |
| 371449.00 | 3761922.00 | 3.86E-08 | 2.57E-07 | 1.52E-03 | 7.70E-02 | 7.85E-02 |
| 370869.00 | 3761942.00 | 9.90E-07 | 6.63E-06 | 3.89E-02 | 1.99E+00 | 2.03E+00 |
| 370889.00 | 3761942.00 | 1.41E-06 | 9.47E-06 | 5.52E-02 | 2.84E+00 | 2.89E+00 |
| 370909.00 | 3761942.00 | 2.12E-06 | 1.44E-05 | 8.32E-02 | 4.30E+00 | 4.39E+00 |
| 370929.00 | 3761942.00 | 3.03E-06 | 2.07E-05 | 1.19E-01 | 6.20E+00 | 6.32E+00 |
| 370949.00 | 3761942.00 | 3.61E-06 | 2.47E-05 | 1.42E-01 | 7.41E+00 | 7.55E+00 |
| 370969.00 | 3761942.00 | 3.62E-06 | 2.48E-05 | 1.42E-01 | 7.44E+00 | 7.58E+00 |
| 370989.00 | 3761942.00 | 3.26E-06 | 2.23E-05 | 1.28E-01 | 6.69E+00 | 6.82E+00 |
| 371009.00 | 3761942.00 | 2.74E-06 | 1.88E-05 | 1.08E-01 | 5.63E+00 | 5.74E+00 |
| 371029.00 | 3761942.00 | 2.22E-06 | 1.52E-05 | 8.72E-02 | 4.56E+00 | 4.65E+00 |
| 371049.00 | 3761942.00 | 1.76E-06 | 1.20E-05 | 6.91E-02 | 3.61E+00 | 3.68E+00 |
| 371069.00 | 3761942.00 | 1.38E-06 | 9.45E-06 | 5.43E-02 | 2.83E+00 | 2.89E+00 |
| 371089.00 | 3761942.00 | 1.09E-06 | 7.42E-06 | 4.27E-02 | 2.22E+00 | 2.27E+00 |
| 371109.00 | 3761942.00 | 8.57E-07 | 5.85E-06 | 3.37E-02 | 1.75E+00 | 1.79E+00 |
| 371129.00 | 3761942.00 | 6.81E-07 | 4.63E-06 | 2.67E-02 | 1.39E+00 | 1.42E+00 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor | | 3rd Trimester | 0 < 2 | 3rd Trimester | 0 < 2 | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| X | Y | Dose (mg/kg-day) | | Cancer Risk (in one million) | | |
| 371149.00 | 3761942.00 | 5.45E-07 | 3.70E-06 | 2.14E-02 | 1.11E+00 | 1.13E+00 |
| 371169.00 | 3761942.00 | 4.40E-07 | 2.99E-06 | 1.73E-02 | 8.95E-01 | 9.12E-01 |
| 371189.00 | 3761942.00 | 3.58E-07 | 2.43E-06 | 1.41E-02 | 7.27E-01 | 7.41E-01 |
| 371209.00 | 3761942.00 | 2.94E-07 | 1.99E-06 | 1.15E-02 | 5.96E-01 | 6.07E-01 |
| 371229.00 | 3761942.00 | 2.41E-07 | 1.63E-06 | 9.46E-03 | 4.88E-01 | 4.98E-01 |
| 371249.00 | 3761942.00 | 2.01E-07 | 1.35E-06 | 7.88E-03 | 4.06E-01 | 4.14E-01 |
| 371269.00 | 3761942.00 | 1.68E-07 | 1.14E-06 | 6.61E-03 | 3.40E-01 | 3.47E-01 |
| 371289.00 | 3761942.00 | 1.43E-07 | 9.67E-07 | 5.63E-03 | 2.90E-01 | 2.95E-01 |
| 371309.00 | 3761942.00 | 1.22E-07 | 8.24E-07 | 4.81E-03 | 2.47E-01 | 2.52E-01 |
| 371329.00 | 3761942.00 | 1.04E-07 | 6.96E-07 | 4.07E-03 | 2.09E-01 | 2.13E-01 |
| 371349.00 | 3761942.00 | 9.12E-08 | 6.13E-07 | 3.58E-03 | 1.84E-01 | 1.87E-01 |
| 371369.00 | 3761942.00 | 7.72E-08 | 5.18E-07 | 3.03E-03 | 1.55E-01 | 1.58E-01 |
| 371389.00 | 3761942.00 | 6.82E-08 | 4.58E-07 | 2.68E-03 | 1.37E-01 | 1.40E-01 |
| 371409.00 | 3761942.00 | 5.87E-08 | 3.93E-07 | 2.31E-03 | 1.18E-01 | 1.20E-01 |
| 371429.00 | 3761942.00 | 5.12E-08 | 3.42E-07 | 2.01E-03 | 1.03E-01 | 1.05E-01 |
| 371449.00 | 3761942.00 | 4.60E-08 | 3.08E-07 | 1.81E-03 | 9.22E-02 | 9.40E-02 |
| 370869.00 | 3761962.00 | 6.93E-07 | 4.62E-06 | 2.72E-02 | 1.38E+00 | 1.41E+00 |
| 370889.00 | 3761962.00 | 9.32E-07 | 6.26E-06 | 3.66E-02 | 1.88E+00 | 1.91E+00 |
| 370909.00 | 3761962.00 | 1.31E-06 | 8.85E-06 | 5.14E-02 | 2.65E+00 | 2.70E+00 |
| 370929.00 | 3761962.00 | 1.80E-06 | 1.22E-05 | 7.06E-02 | 3.66E+00 | 3.73E+00 |
| 370949.00 | 3761962.00 | 2.22E-06 | 1.51E-05 | 8.72E-02 | 4.54E+00 | 4.63E+00 |
| 370969.00 | 3761962.00 | 2.41E-06 | 1.65E-05 | 9.48E-02 | 4.95E+00 | 5.04E+00 |
| 370989.00 | 3761962.00 | 2.37E-06 | 1.62E-05 | 9.29E-02 | 4.85E+00 | 4.95E+00 |
| 371009.00 | 3761962.00 | 2.16E-06 | 1.48E-05 | 8.48E-02 | 4.43E+00 | 4.51E+00 |
| 371029.00 | 3761962.00 | 1.88E-06 | 1.28E-05 | 7.37E-02 | 3.85E+00 | 3.92E+00 |
| 371049.00 | 3761962.00 | 1.58E-06 | 1.08E-05 | 6.21E-02 | 3.24E+00 | 3.30E+00 |
| 371069.00 | 3761962.00 | 1.30E-06 | 8.92E-06 | 5.13E-02 | 2.67E+00 | 2.72E+00 |
| 371089.00 | 3761962.00 | 1.07E-06 | 7.29E-06 | 4.20E-02 | 2.19E+00 | 2.23E+00 |
| 371109.00 | 3761962.00 | 8.71E-07 | 5.94E-06 | 3.42E-02 | 1.78E+00 | 1.81E+00 |
| 371129.00 | 3761962.00 | 7.11E-07 | 4.84E-06 | 2.79E-02 | 1.45E+00 | 1.48E+00 |
| 371149.00 | 3761962.00 | 5.81E-07 | 3.96E-06 | 2.28E-02 | 1.19E+00 | 1.21E+00 |
| 371169.00 | 3761962.00 | 4.77E-07 | 3.25E-06 | 1.88E-02 | 9.72E-01 | 9.91E-01 |
| 371189.00 | 3761962.00 | 3.94E-07 | 2.68E-06 | 1.55E-02 | 8.02E-01 | 8.17E-01 |
| 371209.00 | 3761962.00 | 3.27E-07 | 2.22E-06 | 1.28E-02 | 6.64E-01 | 6.77E-01 |
| 371229.00 | 3761962.00 | 2.72E-07 | 1.84E-06 | 1.07E-02 | 5.52E-01 | 5.63E-01 |
| 371249.00 | 3761962.00 | 2.28E-07 | 1.55E-06 | 8.97E-03 | 4.63E-01 | 4.72E-01 |
| 371269.00 | 3761962.00 | 1.93E-07 | 1.31E-06 | 7.59E-03 | 3.91E-01 | 3.99E-01 |
| 371289.00 | 3761962.00 | 1.65E-07 | 1.11E-06 | 6.47E-03 | 3.33E-01 | 3.40E-01 |
| 371309.00 | 3761962.00 | 1.39E-07 | 9.40E-07 | 5.48E-03 | 2.82E-01 | 2.87E-01 |
| 371329.00 | 3761962.00 | 1.21E-07 | 8.14E-07 | 4.75E-03 | 2.44E-01 | 2.49E-01 |
| 371349.00 | 3761962.00 | 1.05E-07 | 7.07E-07 | 4.13E-03 | 2.12E-01 | 2.16E-01 |
| 371369.00 | 3761962.00 | 9.03E-08 | 6.07E-07 | 3.55E-03 | 1.82E-01 | 1.85E-01 |
| 371389.00 | 3761962.00 | 7.73E-08 | 5.19E-07 | 3.04E-03 | 1.56E-01 | 1.59E-01 |
| 371409.00 | 3761962.00 | 6.76E-08 | 4.54E-07 | 2.66E-03 | 1.36E-01 | 1.39E-01 |
| 371429.00 | 3761962.00 | 5.94E-08 | 3.98E-07 | 2.33E-03 | 1.19E-01 | 1.22E-01 |
| 371449.00 | 3761962.00 | 5.25E-08 | 3.51E-07 | 2.06E-03 | 1.05E-01 | 1.07E-01 |
| 370869.00 | 3761982.00 | 5.10E-07 | 3.38E-06 | 2.00E-02 | 1.01E+00 | 1.03E+00 |
| 370889.00 | 3761982.00 | 6.58E-07 | 4.40E-06 | 2.59E-02 | 1.32E+00 | 1.34E+00 |
| 370909.00 | 3761982.00 | 8.78E-07 | 5.92E-06 | 3.45E-02 | 1.77E+00 | 1.81E+00 |
| 370929.00 | 3761982.00 | 1.16E-06 | 7.87E-06 | 4.57E-02 | 2.36E+00 | 2.40E+00 |
| 370949.00 | 3761982.00 | 1.44E-06 | 9.83E-06 | 5.68E-02 | 2.94E+00 | 3.00E+00 |
| 370969.00 | 3761982.00 | 1.64E-06 | 1.12E-05 | 6.45E-02 | 3.35E+00 | 3.42E+00 |
| 370989.00 | 3761982.00 | 1.71E-06 | 1.17E-05 | 6.71E-02 | 3.49E+00 | 3.56E+00 |
| 371009.00 | 3761982.00 | 1.66E-06 | 1.13E-05 | 6.51E-02 | 3.39E+00 | 3.46E+00 |
| 371029.00 | 3761982.00 | 1.53E-06 | 1.05E-05 | 6.01E-02 | 3.13E+00 | 3.19E+00 |
| 371049.00 | 3761982.00 | 1.36E-06 | 9.29E-06 | 5.34E-02 | 2.78E+00 | 2.84E+00 |
| 371069.00 | 3761982.00 | 1.18E-06 | 8.04E-06 | 4.62E-02 | 2.41E+00 | 2.46E+00 |
| 371089.00 | 3761982.00 | 1.00E-06 | 6.84E-06 | 3.94E-02 | 2.05E+00 | 2.09E+00 |
| 371109.00 | 3761982.00 | 8.45E-07 | 5.76E-06 | 3.32E-02 | 1.73E+00 | 1.76E+00 |
| 371129.00 | 3761982.00 | 7.09E-07 | 4.83E-06 | 2.79E-02 | 1.45E+00 | 1.48E+00 |
| 371149.00 | 3761982.00 | 5.94E-07 | 4.05E-06 | 2.33E-02 | 1.21E+00 | 1.24E+00 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor | | 3rd Trimester | 0 < 2 | 3rd Trimester | 0 < 2 | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| X | Y | Dose (mg/kg-day) | | Cancer Risk (in one million) | | |
| 371169.00 | 3761982.00 | 4.98E-07 | 3.39E-06 | 1.96E-02 | 1.01E+00 | 1.03E+00 |
| 371189.00 | 3761982.00 | 4.18E-07 | 2.84E-06 | 1.64E-02 | 8.51E-01 | 8.67E-01 |
| 371209.00 | 3761982.00 | 3.52E-07 | 2.39E-06 | 1.38E-02 | 7.16E-01 | 7.30E-01 |
| 371229.00 | 3761982.00 | 2.97E-07 | 2.01E-06 | 1.17E-02 | 6.03E-01 | 6.15E-01 |
| 371249.00 | 3761982.00 | 2.52E-07 | 1.70E-06 | 9.88E-03 | 5.11E-01 | 5.21E-01 |
| 371269.00 | 3761982.00 | 2.15E-07 | 1.45E-06 | 8.43E-03 | 4.35E-01 | 4.44E-01 |
| 371289.00 | 3761982.00 | 1.83E-07 | 1.24E-06 | 7.19E-03 | 3.71E-01 | 3.78E-01 |
| 371309.00 | 3761982.00 | 1.57E-07 | 1.06E-06 | 6.17E-03 | 3.18E-01 | 3.24E-01 |
| 371329.00 | 3761982.00 | 1.37E-07 | 9.22E-07 | 5.37E-03 | 2.76E-01 | 2.82E-01 |
| 371349.00 | 3761982.00 | 1.17E-07 | 7.89E-07 | 4.60E-03 | 2.37E-01 | 2.41E-01 |
| 371369.00 | 3761982.00 | 1.02E-07 | 6.87E-07 | 4.01E-03 | 2.06E-01 | 2.10E-01 |
| 371389.00 | 3761982.00 | 8.80E-08 | 5.92E-07 | 3.46E-03 | 1.77E-01 | 1.81E-01 |
| 371409.00 | 3761982.00 | 7.70E-08 | 5.17E-07 | 3.02E-03 | 1.55E-01 | 1.58E-01 |
| 371429.00 | 3761982.00 | 6.90E-08 | 4.63E-07 | 2.71E-03 | 1.39E-01 | 1.41E-01 |
| 371449.00 | 3761982.00 | 6.06E-08 | 4.06E-07 | 2.38E-03 | 1.22E-01 | 1.24E-01 |
| 370869.00 | 3762002.00 | 3.89E-07 | 2.56E-06 | 1.53E-02 | 7.68E-01 | 7.83E-01 |
| 370889.00 | 3762002.00 | 4.87E-07 | 3.24E-06 | 1.91E-02 | 9.70E-01 | 9.89E-01 |
| 370909.00 | 3762002.00 | 6.25E-07 | 4.19E-06 | 2.46E-02 | 1.26E+00 | 1.28E+00 |
| 370929.00 | 3762002.00 | 8.02E-07 | 5.41E-06 | 3.15E-02 | 1.62E+00 | 1.65E+00 |
| 370949.00 | 3762002.00 | 9.90E-07 | 6.71E-06 | 3.89E-02 | 2.01E+00 | 2.05E+00 |
| 370969.00 | 3762002.00 | 1.15E-06 | 7.81E-06 | 4.51E-02 | 2.34E+00 | 2.39E+00 |
| 370989.00 | 3762002.00 | 1.24E-06 | 8.47E-06 | 4.89E-02 | 2.54E+00 | 2.59E+00 |
| 371009.00 | 3762002.00 | 1.26E-06 | 8.61E-06 | 4.96E-02 | 2.58E+00 | 2.63E+00 |
| 371029.00 | 3762002.00 | 1.22E-06 | 8.34E-06 | 4.80E-02 | 2.50E+00 | 2.55E+00 |
| 371049.00 | 3762002.00 | 1.14E-06 | 7.76E-06 | 4.46E-02 | 2.32E+00 | 2.37E+00 |
| 371069.00 | 3762002.00 | 1.03E-06 | 7.01E-06 | 4.03E-02 | 2.10E+00 | 2.14E+00 |
| 371089.00 | 3762002.00 | 9.08E-07 | 6.19E-06 | 3.57E-02 | 1.86E+00 | 1.89E+00 |
| 371109.00 | 3762002.00 | 7.91E-07 | 5.39E-06 | 3.11E-02 | 1.62E+00 | 1.65E+00 |
| 371129.00 | 3762002.00 | 6.83E-07 | 4.65E-06 | 2.68E-02 | 1.39E+00 | 1.42E+00 |
| 371149.00 | 3762002.00 | 5.86E-07 | 3.99E-06 | 2.30E-02 | 1.20E+00 | 1.22E+00 |
| 371169.00 | 3762002.00 | 5.02E-07 | 3.41E-06 | 1.97E-02 | 1.02E+00 | 1.04E+00 |
| 371189.00 | 3762002.00 | 4.29E-07 | 2.91E-06 | 1.68E-02 | 8.73E-01 | 8.90E-01 |
| 371209.00 | 3762002.00 | 3.66E-07 | 2.49E-06 | 1.44E-02 | 7.46E-01 | 7.60E-01 |
| 371229.00 | 3762002.00 | 3.14E-07 | 2.13E-06 | 1.23E-02 | 6.38E-01 | 6.50E-01 |
| 371249.00 | 3762002.00 | 2.69E-07 | 1.82E-06 | 1.06E-02 | 5.46E-01 | 5.57E-01 |
| 371269.00 | 3762002.00 | 2.31E-07 | 1.57E-06 | 9.09E-03 | 4.70E-01 | 4.79E-01 |
| 371289.00 | 3762002.00 | 1.99E-07 | 1.34E-06 | 7.80E-03 | 4.03E-01 | 4.10E-01 |
| 371309.00 | 3762002.00 | 1.73E-07 | 1.17E-06 | 6.80E-03 | 3.51E-01 | 3.57E-01 |
| 371329.00 | 3762002.00 | 1.48E-07 | 1.00E-06 | 5.83E-03 | 3.00E-01 | 3.06E-01 |
| 371349.00 | 3762002.00 | 1.29E-07 | 8.69E-07 | 5.06E-03 | 2.60E-01 | 2.66E-01 |
| 371369.00 | 3762002.00 | 1.12E-07 | 7.58E-07 | 4.42E-03 | 2.27E-01 | 2.32E-01 |
| 371389.00 | 3762002.00 | 9.82E-08 | 6.61E-07 | 3.86E-03 | 1.98E-01 | 2.02E-01 |
| 371409.00 | 3762002.00 | 8.65E-08 | 5.82E-07 | 3.40E-03 | 1.74E-01 | 1.78E-01 |
| 371429.00 | 3762002.00 | 7.68E-08 | 5.16E-07 | 3.02E-03 | 1.55E-01 | 1.58E-01 |
| 371449.00 | 3762002.00 | 6.86E-08 | 4.61E-07 | 2.69E-03 | 1.38E-01 | 1.41E-01 |
| 370869.00 | 3762022.00 | 3.06E-07 | 2.00E-06 | 1.20E-02 | 6.00E-01 | 6.12E-01 |
| 370889.00 | 3762022.00 | 3.70E-07 | 2.45E-06 | 1.45E-02 | 7.33E-01 | 7.48E-01 |
| 370909.00 | 3762022.00 | 4.65E-07 | 3.10E-06 | 1.82E-02 | 9.29E-01 | 9.47E-01 |
| 370929.00 | 3762022.00 | 5.81E-07 | 3.90E-06 | 2.28E-02 | 1.17E+00 | 1.19E+00 |
| 370949.00 | 3762022.00 | 7.09E-07 | 4.79E-06 | 2.79E-02 | 1.44E+00 | 1.46E+00 |
| 370969.00 | 3762022.00 | 8.29E-07 | 5.62E-06 | 3.26E-02 | 1.68E+00 | 1.72E+00 |
| 370989.00 | 3762022.00 | 9.17E-07 | 6.23E-06 | 3.60E-02 | 1.87E+00 | 1.90E+00 |
| 371009.00 | 3762022.00 | 9.65E-07 | 6.57E-06 | 3.79E-02 | 1.97E+00 | 2.01E+00 |
| 371029.00 | 3762022.00 | 9.67E-07 | 6.59E-06 | 3.80E-02 | 1.97E+00 | 2.01E+00 |
| 371049.00 | 3762022.00 | 9.34E-07 | 6.37E-06 | 3.67E-02 | 1.91E+00 | 1.94E+00 |
| 371069.00 | 3762022.00 | 8.75E-07 | 5.97E-06 | 3.44E-02 | 1.79E+00 | 1.82E+00 |
| 371089.00 | 3762022.00 | 8.01E-07 | 5.46E-06 | 3.15E-02 | 1.64E+00 | 1.67E+00 |
| 371109.00 | 3762022.00 | 7.20E-07 | 4.90E-06 | 2.83E-02 | 1.47E+00 | 1.50E+00 |
| 371129.00 | 3762022.00 | 6.38E-07 | 4.35E-06 | 2.51E-02 | 1.30E+00 | 1.33E+00 |
| 371149.00 | 3762022.00 | 5.61E-07 | 3.82E-06 | 2.21E-02 | 1.14E+00 | 1.17E+00 |
| 371169.00 | 3762022.00 | 4.91E-07 | 3.34E-06 | 1.93E-02 | 1.00E+00 | 1.02E+00 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor | | 3rd Trimester | 0 < 2 | 3rd Trimester | 0 < 2 | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| X | Y | Dose (mg/kg-day) | | Cancer Risk (in one million) | | |
| 371189.00 | 3762022.00 | 4.27E-07 | 2.90E-06 | 1.68E-02 | 8.70E-01 | 8.87E-01 |
| 371209.00 | 3762022.00 | 3.71E-07 | 2.52E-06 | 1.46E-02 | 7.56E-01 | 7.70E-01 |
| 371229.00 | 3762022.00 | 3.22E-07 | 2.19E-06 | 1.27E-02 | 6.55E-01 | 6.68E-01 |
| 371249.00 | 3762022.00 | 2.80E-07 | 1.90E-06 | 1.10E-02 | 5.69E-01 | 5.80E-01 |
| 371269.00 | 3762022.00 | 2.43E-07 | 1.65E-06 | 9.56E-03 | 4.94E-01 | 5.03E-01 |
| 371289.00 | 3762022.00 | 2.12E-07 | 1.44E-06 | 8.33E-03 | 4.30E-01 | 4.39E-01 |
| 371309.00 | 3762022.00 | 1.85E-07 | 1.25E-06 | 7.27E-03 | 3.75E-01 | 3.82E-01 |
| 371329.00 | 3762022.00 | 1.61E-07 | 1.09E-06 | 6.33E-03 | 3.26E-01 | 3.33E-01 |
| 371349.00 | 3762022.00 | 1.40E-07 | 9.46E-07 | 5.50E-03 | 2.83E-01 | 2.89E-01 |
| 371369.00 | 3762022.00 | 1.23E-07 | 8.29E-07 | 4.83E-03 | 2.48E-01 | 2.53E-01 |
| 371389.00 | 3762022.00 | 1.09E-07 | 7.32E-07 | 4.27E-03 | 2.19E-01 | 2.24E-01 |
| 371409.00 | 3762022.00 | 9.65E-08 | 6.50E-07 | 3.79E-03 | 1.95E-01 | 1.98E-01 |
| 371429.00 | 3762022.00 | 8.53E-08 | 5.74E-07 | 3.35E-03 | 1.72E-01 | 1.75E-01 |
| 371449.00 | 3762022.00 | 7.56E-08 | 5.08E-07 | 2.97E-03 | 1.52E-01 | 1.55E-01 |
| 370869.00 | 3762042.00 | 2.47E-07 | 1.60E-06 | 9.70E-03 | 4.80E-01 | 4.90E-01 |
| 370889.00 | 3762042.00 | 2.94E-07 | 1.93E-06 | 1.16E-02 | 5.80E-01 | 5.91E-01 |
| 370909.00 | 3762042.00 | 3.57E-07 | 2.37E-06 | 1.40E-02 | 7.09E-01 | 7.23E-01 |
| 370929.00 | 3762042.00 | 4.37E-07 | 2.92E-06 | 1.72E-02 | 8.75E-01 | 8.92E-01 |
| 370949.00 | 3762042.00 | 5.27E-07 | 3.54E-06 | 2.07E-02 | 1.06E+00 | 1.08E+00 |
| 370969.00 | 3762042.00 | 6.17E-07 | 4.16E-06 | 2.42E-02 | 1.25E+00 | 1.27E+00 |
| 370989.00 | 3762042.00 | 6.92E-07 | 4.69E-06 | 2.72E-02 | 1.41E+00 | 1.43E+00 |
| 371009.00 | 3762042.00 | 7.42E-07 | 5.04E-06 | 2.92E-02 | 1.51E+00 | 1.54E+00 |
| 371029.00 | 3762042.00 | 7.66E-07 | 5.21E-06 | 3.01E-02 | 1.56E+00 | 1.59E+00 |
| 371049.00 | 3762042.00 | 7.62E-07 | 5.18E-06 | 2.99E-02 | 1.55E+00 | 1.58E+00 |
| 371069.00 | 3762042.00 | 7.36E-07 | 5.01E-06 | 2.89E-02 | 1.50E+00 | 1.53E+00 |
| 371089.00 | 3762042.00 | 6.94E-07 | 4.72E-06 | 2.73E-02 | 1.42E+00 | 1.44E+00 |
| 371109.00 | 3762042.00 | 6.41E-07 | 4.36E-06 | 2.52E-02 | 1.31E+00 | 1.33E+00 |
| 371129.00 | 3762042.00 | 5.83E-07 | 3.97E-06 | 2.29E-02 | 1.19E+00 | 1.21E+00 |
| 371149.00 | 3762042.00 | 5.25E-07 | 3.57E-06 | 2.06E-02 | 1.07E+00 | 1.09E+00 |
| 371169.00 | 3762042.00 | 4.69E-07 | 3.19E-06 | 1.84E-02 | 9.55E-01 | 9.73E-01 |
| 371189.00 | 3762042.00 | 4.16E-07 | 2.82E-06 | 1.63E-02 | 8.46E-01 | 8.62E-01 |
| 371209.00 | 3762042.00 | 3.67E-07 | 2.49E-06 | 1.44E-02 | 7.47E-01 | 7.62E-01 |
| 371229.00 | 3762042.00 | 3.24E-07 | 2.20E-06 | 1.27E-02 | 6.58E-01 | 6.71E-01 |
| 371249.00 | 3762042.00 | 2.85E-07 | 1.93E-06 | 1.12E-02 | 5.78E-01 | 5.90E-01 |
| 371269.00 | 3762042.00 | 2.50E-07 | 1.70E-06 | 9.83E-03 | 5.08E-01 | 5.18E-01 |
| 371289.00 | 3762042.00 | 2.20E-07 | 1.49E-06 | 8.65E-03 | 4.47E-01 | 4.55E-01 |
| 371309.00 | 3762042.00 | 1.94E-07 | 1.31E-06 | 7.61E-03 | 3.93E-01 | 4.01E-01 |
| 371329.00 | 3762042.00 | 1.71E-07 | 1.16E-06 | 6.71E-03 | 3.46E-01 | 3.53E-01 |
| 371349.00 | 3762042.00 | 1.51E-07 | 1.02E-06 | 5.92E-03 | 3.05E-01 | 3.11E-01 |
| 371369.00 | 3762042.00 | 1.32E-07 | 8.92E-07 | 5.19E-03 | 2.67E-01 | 2.72E-01 |
| 371389.00 | 3762042.00 | 1.17E-07 | 7.88E-07 | 4.59E-03 | 2.36E-01 | 2.41E-01 |
| 371409.00 | 3762042.00 | 1.05E-07 | 7.05E-07 | 4.11E-03 | 2.11E-01 | 2.16E-01 |
| 371429.00 | 3762042.00 | 9.27E-08 | 6.25E-07 | 3.64E-03 | 1.87E-01 | 1.91E-01 |
| 371449.00 | 3762042.00 | 8.25E-08 | 5.55E-07 | 3.24E-03 | 1.66E-01 | 1.70E-01 |
| 370869.00 | 3762062.00 | 2.03E-07 | 1.31E-06 | 7.97E-03 | 3.92E-01 | 4.00E-01 |
| 370889.00 | 3762062.00 | 2.38E-07 | 1.55E-06 | 9.34E-03 | 4.65E-01 | 4.74E-01 |
| 370909.00 | 3762062.00 | 2.83E-07 | 1.86E-06 | 1.11E-02 | 5.59E-01 | 5.70E-01 |
| 370929.00 | 3762062.00 | 3.38E-07 | 2.25E-06 | 1.33E-02 | 6.73E-01 | 6.86E-01 |
| 370949.00 | 3762062.00 | 4.03E-07 | 2.70E-06 | 1.58E-02 | 8.09E-01 | 8.25E-01 |
| 370969.00 | 3762062.00 | 4.71E-07 | 3.17E-06 | 1.85E-02 | 9.49E-01 | 9.67E-01 |
| 370989.00 | 3762062.00 | 5.32E-07 | 3.59E-06 | 2.09E-02 | 1.08E+00 | 1.10E+00 |
| 371009.00 | 3762062.00 | 5.78E-07 | 3.91E-06 | 2.27E-02 | 1.17E+00 | 1.20E+00 |
| 371029.00 | 3762062.00 | 6.09E-07 | 4.13E-06 | 2.39E-02 | 1.24E+00 | 1.26E+00 |
| 371049.00 | 3762062.00 | 6.20E-07 | 4.21E-06 | 2.44E-02 | 1.26E+00 | 1.29E+00 |
| 371069.00 | 3762062.00 | 6.14E-07 | 4.17E-06 | 2.41E-02 | 1.25E+00 | 1.27E+00 |
| 371089.00 | 3762062.00 | 5.94E-07 | 4.04E-06 | 2.33E-02 | 1.21E+00 | 1.23E+00 |
| 371109.00 | 3762062.00 | 5.62E-07 | 3.82E-06 | 2.21E-02 | 1.15E+00 | 1.17E+00 |
| 371129.00 | 3762062.00 | 5.24E-07 | 3.56E-06 | 2.06E-02 | 1.07E+00 | 1.09E+00 |
| 371149.00 | 3762062.00 | 4.82E-07 | 3.27E-06 | 1.89E-02 | 9.81E-01 | 1.00E+00 |
| 371169.00 | 3762062.00 | 4.39E-07 | 2.98E-06 | 1.72E-02 | 8.93E-01 | 9.10E-01 |
| 371189.00 | 3762062.00 | 3.96E-07 | 2.69E-06 | 1.56E-02 | 8.06E-01 | 8.22E-01 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor | | 3rd Trimester | 0 < 2 | 3rd Trimester | 0 < 2 | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| X | Y | Dose (mg/kg-day) | | Cancer Risk (in one million) | | |
| 371209.00 | 3762062.00 | 3.56E-07 | 2.41E-06 | 1.40E-02 | 7.24E-01 | 7.38E-01 |
| 371229.00 | 3762062.00 | 3.18E-07 | 2.16E-06 | 1.25E-02 | 6.47E-01 | 6.59E-01 |
| 371249.00 | 3762062.00 | 2.84E-07 | 1.92E-06 | 1.11E-02 | 5.76E-01 | 5.87E-01 |
| 371269.00 | 3762062.00 | 2.52E-07 | 1.71E-06 | 9.92E-03 | 5.13E-01 | 5.22E-01 |
| 371289.00 | 3762062.00 | 2.24E-07 | 1.52E-06 | 8.81E-03 | 4.55E-01 | 4.64E-01 |
| 371309.00 | 3762062.00 | 1.99E-07 | 1.35E-06 | 7.83E-03 | 4.04E-01 | 4.12E-01 |
| 371329.00 | 3762062.00 | 1.77E-07 | 1.20E-06 | 6.96E-03 | 3.59E-01 | 3.66E-01 |
| 371349.00 | 3762062.00 | 1.58E-07 | 1.06E-06 | 6.19E-03 | 3.19E-01 | 3.25E-01 |
| 371369.00 | 3762062.00 | 1.40E-07 | 9.48E-07 | 5.51E-03 | 2.84E-01 | 2.90E-01 |
| 371389.00 | 3762062.00 | 1.25E-07 | 8.42E-07 | 4.90E-03 | 2.52E-01 | 2.57E-01 |
| 371409.00 | 3762062.00 | 1.11E-07 | 7.51E-07 | 4.38E-03 | 2.25E-01 | 2.29E-01 |
| 371429.00 | 3762062.00 | 9.92E-08 | 6.69E-07 | 3.90E-03 | 2.00E-01 | 2.04E-01 |
| 371449.00 | 3762062.00 | 8.87E-08 | 5.98E-07 | 3.49E-03 | 1.79E-01 | 1.83E-01 |
| 370869.00 | 3762082.00 | 1.69E-07 | 1.08E-06 | 6.64E-03 | 3.24E-01 | 3.30E-01 |
| 370889.00 | 3762082.00 | 1.96E-07 | 1.27E-06 | 7.68E-03 | 3.80E-01 | 3.88E-01 |
| 370909.00 | 3762082.00 | 2.29E-07 | 1.50E-06 | 8.99E-03 | 4.50E-01 | 4.59E-01 |
| 370929.00 | 3762082.00 | 2.68E-07 | 1.77E-06 | 1.05E-02 | 5.31E-01 | 5.42E-01 |
| 370949.00 | 3762082.00 | 3.15E-07 | 2.10E-06 | 1.24E-02 | 6.30E-01 | 6.42E-01 |
| 370969.00 | 3762082.00 | 3.67E-07 | 2.46E-06 | 1.44E-02 | 7.37E-01 | 7.51E-01 |
| 370989.00 | 3762082.00 | 4.16E-07 | 2.80E-06 | 1.64E-02 | 8.39E-01 | 8.56E-01 |
| 371009.00 | 3762082.00 | 4.58E-07 | 3.09E-06 | 1.80E-02 | 9.26E-01 | 9.44E-01 |
| 371029.00 | 3762082.00 | 4.87E-07 | 3.29E-06 | 1.91E-02 | 9.86E-01 | 1.01E+00 |
| 371049.00 | 3762082.00 | 5.06E-07 | 3.43E-06 | 1.99E-02 | 1.03E+00 | 1.05E+00 |
| 371069.00 | 3762082.00 | 5.11E-07 | 3.46E-06 | 2.01E-02 | 1.04E+00 | 1.06E+00 |
| 371089.00 | 3762082.00 | 5.04E-07 | 3.42E-06 | 1.98E-02 | 1.03E+00 | 1.05E+00 |
| 371109.00 | 3762082.00 | 4.88E-07 | 3.32E-06 | 1.92E-02 | 9.93E-01 | 1.01E+00 |
| 371129.00 | 3762082.00 | 4.65E-07 | 3.16E-06 | 1.83E-02 | 9.45E-01 | 9.64E-01 |
| 371149.00 | 3762082.00 | 4.36E-07 | 2.96E-06 | 1.71E-02 | 8.86E-01 | 9.04E-01 |
| 371169.00 | 3762082.00 | 4.04E-07 | 2.74E-06 | 1.59E-02 | 8.22E-01 | 8.38E-01 |
| 371189.00 | 3762082.00 | 3.71E-07 | 2.52E-06 | 1.46E-02 | 7.55E-01 | 7.70E-01 |
| 371209.00 | 3762082.00 | 3.39E-07 | 2.30E-06 | 1.33E-02 | 6.89E-01 | 7.02E-01 |
| 371229.00 | 3762082.00 | 3.07E-07 | 2.08E-06 | 1.21E-02 | 6.25E-01 | 6.37E-01 |
| 371249.00 | 3762082.00 | 2.78E-07 | 1.88E-06 | 1.09E-02 | 5.64E-01 | 5.75E-01 |
| 371269.00 | 3762082.00 | 2.50E-07 | 1.69E-06 | 9.82E-03 | 5.07E-01 | 5.17E-01 |
| 371289.00 | 3762082.00 | 2.25E-07 | 1.52E-06 | 8.83E-03 | 4.56E-01 | 4.65E-01 |
| 371309.00 | 3762082.00 | 2.02E-07 | 1.36E-06 | 7.92E-03 | 4.09E-01 | 4.17E-01 |
| 371329.00 | 3762082.00 | 1.81E-07 | 1.22E-06 | 7.10E-03 | 3.66E-01 | 3.74E-01 |
| 371349.00 | 3762082.00 | 1.62E-07 | 1.09E-06 | 6.35E-03 | 3.27E-01 | 3.34E-01 |
| 371369.00 | 3762082.00 | 1.45E-07 | 9.80E-07 | 5.70E-03 | 2.94E-01 | 2.99E-01 |
| 371389.00 | 3762082.00 | 1.30E-07 | 8.80E-07 | 5.12E-03 | 2.64E-01 | 2.69E-01 |
| 371409.00 | 3762082.00 | 1.17E-07 | 7.88E-07 | 4.59E-03 | 2.36E-01 | 2.41E-01 |
| 371429.00 | 3762082.00 | 1.05E-07 | 7.07E-07 | 4.12E-03 | 2.12E-01 | 2.16E-01 |
| 371449.00 | 3762082.00 | 9.42E-08 | 6.35E-07 | 3.70E-03 | 1.90E-01 | 1.94E-01 |
| 370869.00 | 3762102.00 | 1.43E-07 | 9.05E-07 | 5.60E-03 | 2.71E-01 | 2.77E-01 |
| 370889.00 | 3762102.00 | 1.63E-07 | 1.05E-06 | 6.39E-03 | 3.14E-01 | 3.20E-01 |
| 370909.00 | 3762102.00 | 1.89E-07 | 1.23E-06 | 7.41E-03 | 3.68E-01 | 3.76E-01 |
| 370929.00 | 3762102.00 | 2.19E-07 | 1.44E-06 | 8.61E-03 | 4.32E-01 | 4.41E-01 |
| 370949.00 | 3762102.00 | 2.53E-07 | 1.68E-06 | 9.94E-03 | 5.02E-01 | 5.12E-01 |
| 370969.00 | 3762102.00 | 2.91E-07 | 1.94E-06 | 1.14E-02 | 5.82E-01 | 5.94E-01 |
| 370989.00 | 3762102.00 | 3.31E-07 | 2.22E-06 | 1.30E-02 | 6.66E-01 | 6.79E-01 |
| 371009.00 | 3762102.00 | 3.67E-07 | 2.47E-06 | 1.44E-02 | 7.39E-01 | 7.54E-01 |
| 371029.00 | 3762102.00 | 3.94E-07 | 2.66E-06 | 1.55E-02 | 7.97E-01 | 8.12E-01 |
| 371049.00 | 3762102.00 | 4.14E-07 | 2.80E-06 | 1.63E-02 | 8.39E-01 | 8.56E-01 |
| 371069.00 | 3762102.00 | 4.25E-07 | 2.87E-06 | 1.67E-02 | 8.61E-01 | 8.78E-01 |
| 371089.00 | 3762102.00 | 4.26E-07 | 2.89E-06 | 1.68E-02 | 8.66E-01 | 8.82E-01 |
| 371109.00 | 3762102.00 | 4.21E-07 | 2.85E-06 | 1.65E-02 | 8.55E-01 | 8.72E-01 |
| 371129.00 | 3762102.00 | 4.08E-07 | 2.77E-06 | 1.60E-02 | 8.30E-01 | 8.46E-01 |
| 371149.00 | 3762102.00 | 3.90E-07 | 2.64E-06 | 1.53E-02 | 7.92E-01 | 8.07E-01 |
| 371169.00 | 3762102.00 | 3.67E-07 | 2.49E-06 | 1.44E-02 | 7.47E-01 | 7.61E-01 |
| 371189.00 | 3762102.00 | 3.43E-07 | 2.33E-06 | 1.35E-02 | 6.97E-01 | 7.11E-01 |
| 371209.00 | 3762102.00 | 3.18E-07 | 2.15E-06 | 1.25E-02 | 6.46E-01 | 6.58E-01 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor | | 3rd Trimester | 0 < 2 | 3rd Trimester | 0 < 2 | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| X | Y | Dose (mg/kg-day) | | Cancer Risk (in one million) | | |
| 371229.00 | 3762102.00 | 2.93E-07 | 1.98E-06 | 1.15E-02 | 5.94E-01 | 6.06E-01 |
| 371249.00 | 3762102.00 | 2.68E-07 | 1.81E-06 | 1.05E-02 | 5.43E-01 | 5.54E-01 |
| 371269.00 | 3762102.00 | 2.44E-07 | 1.65E-06 | 9.58E-03 | 4.95E-01 | 5.05E-01 |
| 371289.00 | 3762102.00 | 2.22E-07 | 1.50E-06 | 8.70E-03 | 4.49E-01 | 4.58E-01 |
| 371309.00 | 3762102.00 | 2.01E-07 | 1.36E-06 | 7.89E-03 | 4.07E-01 | 4.15E-01 |
| 371329.00 | 3762102.00 | 1.82E-07 | 1.23E-06 | 7.15E-03 | 3.69E-01 | 3.76E-01 |
| 371349.00 | 3762102.00 | 1.64E-07 | 1.11E-06 | 6.46E-03 | 3.33E-01 | 3.39E-01 |
| 371369.00 | 3762102.00 | 1.48E-07 | 1.00E-06 | 5.83E-03 | 3.00E-01 | 3.06E-01 |
| 371389.00 | 3762102.00 | 1.34E-07 | 9.05E-07 | 5.26E-03 | 2.71E-01 | 2.76E-01 |
| 371409.00 | 3762102.00 | 1.21E-07 | 8.16E-07 | 4.75E-03 | 2.45E-01 | 2.49E-01 |
| 371429.00 | 3762102.00 | 1.09E-07 | 7.37E-07 | 4.29E-03 | 2.21E-01 | 2.25E-01 |
| 371449.00 | 3762102.00 | 9.87E-08 | 6.66E-07 | 3.88E-03 | 1.99E-01 | 2.03E-01 |
| 370869.00 | 3762122.00 | 1.22E-07 | 7.69E-07 | 4.79E-03 | 2.30E-01 | 2.35E-01 |
| 370889.00 | 3762122.00 | 1.37E-07 | 8.77E-07 | 5.39E-03 | 2.63E-01 | 2.68E-01 |
| 370909.00 | 3762122.00 | 1.57E-07 | 1.02E-06 | 6.17E-03 | 3.05E-01 | 3.11E-01 |
| 370929.00 | 3762122.00 | 1.81E-07 | 1.19E-06 | 7.12E-03 | 3.55E-01 | 3.62E-01 |
| 370949.00 | 3762122.00 | 2.07E-07 | 1.37E-06 | 8.14E-03 | 4.10E-01 | 4.18E-01 |
| 370969.00 | 3762122.00 | 2.36E-07 | 1.57E-06 | 9.26E-03 | 4.69E-01 | 4.78E-01 |
| 370989.00 | 3762122.00 | 2.67E-07 | 1.79E-06 | 1.05E-02 | 5.35E-01 | 5.46E-01 |
| 371009.00 | 3762122.00 | 2.98E-07 | 1.99E-06 | 1.17E-02 | 5.98E-01 | 6.09E-01 |
| 371029.00 | 3762122.00 | 3.22E-07 | 2.17E-06 | 1.27E-02 | 6.49E-01 | 6.62E-01 |
| 371049.00 | 3762122.00 | 3.41E-07 | 2.30E-06 | 1.34E-02 | 6.89E-01 | 7.03E-01 |
| 371069.00 | 3762122.00 | 3.54E-07 | 2.39E-06 | 1.39E-02 | 7.17E-01 | 7.31E-01 |
| 371089.00 | 3762122.00 | 3.61E-07 | 2.44E-06 | 1.42E-02 | 7.31E-01 | 7.45E-01 |
| 371109.00 | 3762122.00 | 3.62E-07 | 2.45E-06 | 1.42E-02 | 7.34E-01 | 7.48E-01 |
| 371129.00 | 3762122.00 | 3.57E-07 | 2.42E-06 | 1.40E-02 | 7.24E-01 | 7.38E-01 |
| 371149.00 | 3762122.00 | 3.46E-07 | 2.34E-06 | 1.36E-02 | 7.02E-01 | 7.16E-01 |
| 371169.00 | 3762122.00 | 3.31E-07 | 2.24E-06 | 1.30E-02 | 6.72E-01 | 6.85E-01 |
| 371189.00 | 3762122.00 | 3.14E-07 | 2.13E-06 | 1.23E-02 | 6.37E-01 | 6.49E-01 |
| 371209.00 | 3762122.00 | 2.95E-07 | 2.00E-06 | 1.16E-02 | 5.98E-01 | 6.10E-01 |
| 371229.00 | 3762122.00 | 2.75E-07 | 1.86E-06 | 1.08E-02 | 5.58E-01 | 5.69E-01 |
| 371249.00 | 3762122.00 | 2.55E-07 | 1.72E-06 | 1.00E-02 | 5.17E-01 | 5.27E-01 |
| 371269.00 | 3762122.00 | 2.35E-07 | 1.59E-06 | 9.23E-03 | 4.76E-01 | 4.86E-01 |
| 371289.00 | 3762122.00 | 2.16E-07 | 1.46E-06 | 8.47E-03 | 4.37E-01 | 4.46E-01 |
| 371309.00 | 3762122.00 | 1.98E-07 | 1.34E-06 | 7.76E-03 | 4.00E-01 | 4.08E-01 |
| 371329.00 | 3762122.00 | 1.80E-07 | 1.22E-06 | 7.09E-03 | 3.66E-01 | 3.73E-01 |
| 371349.00 | 3762122.00 | 1.65E-07 | 1.11E-06 | 6.46E-03 | 3.33E-01 | 3.40E-01 |
| 371369.00 | 3762122.00 | 1.50E-07 | 1.01E-06 | 5.88E-03 | 3.03E-01 | 3.09E-01 |
| 371389.00 | 3762122.00 | 1.36E-07 | 9.20E-07 | 5.35E-03 | 2.76E-01 | 2.81E-01 |
| 371409.00 | 3762122.00 | 1.24E-07 | 8.35E-07 | 4.86E-03 | 2.50E-01 | 2.55E-01 |
| 371429.00 | 3762122.00 | 1.12E-07 | 7.59E-07 | 4.42E-03 | 2.27E-01 | 2.32E-01 |
| 371449.00 | 3762122.00 | 1.02E-07 | 6.89E-07 | 4.02E-03 | 2.07E-01 | 2.11E-01 |
| 370869.00 | 3762142.00 | 1.06E-07 | 6.62E-07 | 4.15E-03 | 1.98E-01 | 2.02E-01 |
| 370889.00 | 3762142.00 | 1.17E-07 | 7.46E-07 | 4.61E-03 | 2.23E-01 | 2.28E-01 |
| 370909.00 | 3762142.00 | 1.32E-07 | 8.51E-07 | 5.20E-03 | 2.55E-01 | 2.60E-01 |
| 370929.00 | 3762142.00 | 1.52E-07 | 9.88E-07 | 5.97E-03 | 2.96E-01 | 3.02E-01 |
| 370949.00 | 3762142.00 | 1.72E-07 | 1.13E-06 | 6.78E-03 | 3.39E-01 | 3.46E-01 |
| 370969.00 | 3762142.00 | 1.95E-07 | 1.29E-06 | 7.64E-03 | 3.85E-01 | 3.93E-01 |
| 370989.00 | 3762142.00 | 2.19E-07 | 1.46E-06 | 8.60E-03 | 4.36E-01 | 4.45E-01 |
| 371009.00 | 3762142.00 | 2.44E-07 | 1.63E-06 | 9.60E-03 | 4.89E-01 | 4.99E-01 |
| 371029.00 | 3762142.00 | 2.65E-07 | 1.78E-06 | 1.04E-02 | 5.33E-01 | 5.44E-01 |
| 371049.00 | 3762142.00 | 2.83E-07 | 1.90E-06 | 1.11E-02 | 5.69E-01 | 5.80E-01 |
| 371069.00 | 3762142.00 | 2.97E-07 | 2.00E-06 | 1.17E-02 | 5.99E-01 | 6.11E-01 |
| 371089.00 | 3762142.00 | 3.06E-07 | 2.06E-06 | 1.20E-02 | 6.18E-01 | 6.30E-01 |
| 371109.00 | 3762142.00 | 3.11E-07 | 2.10E-06 | 1.22E-02 | 6.29E-01 | 6.41E-01 |
| 371129.00 | 3762142.00 | 3.10E-07 | 2.10E-06 | 1.22E-02 | 6.29E-01 | 6.41E-01 |
| 371149.00 | 3762142.00 | 3.05E-07 | 2.06E-06 | 1.20E-02 | 6.19E-01 | 6.30E-01 |
| 371169.00 | 3762142.00 | 2.96E-07 | 2.00E-06 | 1.16E-02 | 6.00E-01 | 6.12E-01 |
| 371189.00 | 3762142.00 | 2.84E-07 | 1.92E-06 | 1.12E-02 | 5.77E-01 | 5.88E-01 |
| 371209.00 | 3762142.00 | 2.71E-07 | 1.83E-06 | 1.06E-02 | 5.49E-01 | 5.60E-01 |
| 371229.00 | 3762142.00 | 2.56E-07 | 1.73E-06 | 1.00E-02 | 5.19E-01 | 5.29E-01 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor | | 3rd Trimester | 0 < 2 | 3rd Trimester | 0 < 2 | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| X | Y | Dose (mg/kg-day) | | Cancer Risk (in one million) | | |
| 371249.00 | 3762142.00 | 2.40E-07 | 1.62E-06 | 9.42E-03 | 4.86E-01 | 4.95E-01 |
| 371269.00 | 3762142.00 | 2.24E-07 | 1.51E-06 | 8.78E-03 | 4.53E-01 | 4.62E-01 |
| 371289.00 | 3762142.00 | 2.07E-07 | 1.40E-06 | 8.15E-03 | 4.20E-01 | 4.29E-01 |
| 371309.00 | 3762142.00 | 1.92E-07 | 1.30E-06 | 7.54E-03 | 3.89E-01 | 3.97E-01 |
| 371329.00 | 3762142.00 | 1.77E-07 | 1.20E-06 | 6.95E-03 | 3.58E-01 | 3.65E-01 |
| 371349.00 | 3762142.00 | 1.63E-07 | 1.10E-06 | 6.39E-03 | 3.29E-01 | 3.36E-01 |
| 371369.00 | 3762142.00 | 1.49E-07 | 1.01E-06 | 5.86E-03 | 3.02E-01 | 3.08E-01 |
| 371389.00 | 3762142.00 | 1.37E-07 | 9.24E-07 | 5.38E-03 | 2.77E-01 | 2.82E-01 |
| 371409.00 | 3762142.00 | 1.25E-07 | 8.45E-07 | 4.92E-03 | 2.53E-01 | 2.58E-01 |
| 371429.00 | 3762142.00 | 1.14E-07 | 7.72E-07 | 4.50E-03 | 2.31E-01 | 2.36E-01 |
| 371449.00 | 3762142.00 | 1.05E-07 | 7.06E-07 | 4.11E-03 | 2.11E-01 | 2.16E-01 |
| 370869.00 | 3762162.00 | 9.25E-08 | 5.75E-07 | 3.63E-03 | 1.72E-01 | 1.76E-01 |
| 370889.00 | 3762162.00 | 1.02E-07 | 6.46E-07 | 4.02E-03 | 1.94E-01 | 1.98E-01 |
| 370909.00 | 3762162.00 | 1.14E-07 | 7.30E-07 | 4.49E-03 | 2.19E-01 | 2.23E-01 |
| 370929.00 | 3762162.00 | 1.29E-07 | 8.35E-07 | 5.07E-03 | 2.50E-01 | 2.55E-01 |
| 370949.00 | 3762162.00 | 1.45E-07 | 9.49E-07 | 5.71E-03 | 2.84E-01 | 2.90E-01 |
| 370969.00 | 3762162.00 | 1.63E-07 | 1.07E-06 | 6.38E-03 | 3.20E-01 | 3.27E-01 |
| 370989.00 | 3762162.00 | 1.82E-07 | 1.20E-06 | 7.15E-03 | 3.61E-01 | 3.68E-01 |
| 371009.00 | 3762162.00 | 2.03E-07 | 1.35E-06 | 7.98E-03 | 4.05E-01 | 4.13E-01 |
| 371029.00 | 3762162.00 | 2.21E-07 | 1.48E-06 | 8.69E-03 | 4.43E-01 | 4.51E-01 |
| 371049.00 | 3762162.00 | 2.36E-07 | 1.58E-06 | 9.29E-03 | 4.75E-01 | 4.84E-01 |
| 371069.00 | 3762162.00 | 2.50E-07 | 1.68E-06 | 9.82E-03 | 5.03E-01 | 5.13E-01 |
| 371089.00 | 3762162.00 | 2.60E-07 | 1.75E-06 | 1.02E-02 | 5.24E-01 | 5.34E-01 |
| 371109.00 | 3762162.00 | 2.67E-07 | 1.80E-06 | 1.05E-02 | 5.39E-01 | 5.49E-01 |
| 371129.00 | 3762162.00 | 2.70E-07 | 1.82E-06 | 1.06E-02 | 5.45E-01 | 5.56E-01 |
| 371149.00 | 3762162.00 | 2.68E-07 | 1.81E-06 | 1.05E-02 | 5.43E-01 | 5.54E-01 |
| 371169.00 | 3762162.00 | 2.64E-07 | 1.78E-06 | 1.04E-02 | 5.33E-01 | 5.44E-01 |
| 371189.00 | 3762162.00 | 2.56E-07 | 1.73E-06 | 1.01E-02 | 5.19E-01 | 5.29E-01 |
| 371209.00 | 3762162.00 | 2.47E-07 | 1.67E-06 | 9.70E-03 | 5.00E-01 | 5.10E-01 |
| 371229.00 | 3762162.00 | 2.36E-07 | 1.60E-06 | 9.27E-03 | 4.78E-01 | 4.87E-01 |
| 371249.00 | 3762162.00 | 2.24E-07 | 1.51E-06 | 8.78E-03 | 4.53E-01 | 4.62E-01 |
| 371269.00 | 3762162.00 | 2.11E-07 | 1.42E-06 | 8.28E-03 | 4.27E-01 | 4.35E-01 |
| 371289.00 | 3762162.00 | 1.98E-07 | 1.33E-06 | 7.76E-03 | 4.00E-01 | 4.08E-01 |
| 371309.00 | 3762162.00 | 1.85E-07 | 1.25E-06 | 7.25E-03 | 3.74E-01 | 3.81E-01 |
| 371329.00 | 3762162.00 | 1.72E-07 | 1.16E-06 | 6.74E-03 | 3.47E-01 | 3.54E-01 |
| 371349.00 | 3762162.00 | 1.59E-07 | 1.07E-06 | 6.25E-03 | 3.22E-01 | 3.28E-01 |
| 371369.00 | 3762162.00 | 1.47E-07 | 9.93E-07 | 5.78E-03 | 2.98E-01 | 3.03E-01 |
| 371389.00 | 3762162.00 | 1.36E-07 | 9.17E-07 | 5.34E-03 | 2.75E-01 | 2.80E-01 |
| 371409.00 | 3762162.00 | 1.25E-07 | 8.46E-07 | 4.92E-03 | 2.53E-01 | 2.58E-01 |
| 371429.00 | 3762162.00 | 1.15E-07 | 7.78E-07 | 4.53E-03 | 2.33E-01 | 2.38E-01 |
| 371449.00 | 3762162.00 | 1.06E-07 | 7.15E-07 | 4.17E-03 | 2.14E-01 | 2.18E-01 |
| 370869.00 | 3762182.00 | 8.12E-08 | 5.02E-07 | 3.19E-03 | 1.51E-01 | 1.54E-01 |
| 370889.00 | 3762182.00 | 8.92E-08 | 5.60E-07 | 3.50E-03 | 1.68E-01 | 1.71E-01 |
| 370909.00 | 3762182.00 | 9.89E-08 | 6.29E-07 | 3.89E-03 | 1.88E-01 | 1.92E-01 |
| 370929.00 | 3762182.00 | 1.11E-07 | 7.13E-07 | 4.36E-03 | 2.14E-01 | 2.18E-01 |
| 370949.00 | 3762182.00 | 1.24E-07 | 8.02E-07 | 4.86E-03 | 2.40E-01 | 2.45E-01 |
| 370969.00 | 3762182.00 | 1.37E-07 | 8.99E-07 | 5.40E-03 | 2.69E-01 | 2.75E-01 |
| 370989.00 | 3762182.00 | 1.53E-07 | 1.00E-06 | 5.99E-03 | 3.01E-01 | 3.07E-01 |
| 371009.00 | 3762182.00 | 1.70E-07 | 1.13E-06 | 6.70E-03 | 3.38E-01 | 3.45E-01 |
| 371029.00 | 3762182.00 | 1.85E-07 | 1.23E-06 | 7.28E-03 | 3.69E-01 | 3.77E-01 |
| 371049.00 | 3762182.00 | 1.99E-07 | 1.33E-06 | 7.81E-03 | 3.98E-01 | 4.06E-01 |
| 371069.00 | 3762182.00 | 2.12E-07 | 1.42E-06 | 8.31E-03 | 4.25E-01 | 4.33E-01 |
| 371089.00 | 3762182.00 | 2.22E-07 | 1.49E-06 | 8.71E-03 | 4.46E-01 | 4.55E-01 |
| 371109.00 | 3762182.00 | 2.29E-07 | 1.54E-06 | 9.01E-03 | 4.62E-01 | 4.71E-01 |
| 371129.00 | 3762182.00 | 2.34E-07 | 1.58E-06 | 9.20E-03 | 4.73E-01 | 4.82E-01 |
| 371149.00 | 3762182.00 | 2.36E-07 | 1.59E-06 | 9.26E-03 | 4.76E-01 | 4.85E-01 |
| 371169.00 | 3762182.00 | 2.34E-07 | 1.58E-06 | 9.19E-03 | 4.73E-01 | 4.82E-01 |
| 371189.00 | 3762182.00 | 2.30E-07 | 1.55E-06 | 9.03E-03 | 4.65E-01 | 4.74E-01 |
| 371209.00 | 3762182.00 | 2.24E-07 | 1.51E-06 | 8.79E-03 | 4.53E-01 | 4.62E-01 |
| 371229.00 | 3762182.00 | 2.16E-07 | 1.46E-06 | 8.50E-03 | 4.38E-01 | 4.46E-01 |
| 371249.00 | 3762182.00 | 2.07E-07 | 1.40E-06 | 8.13E-03 | 4.19E-01 | 4.27E-01 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor | | 3rd Trimester | 0 < 2 | 3rd Trimester | 0 < 2 | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| X | Y | Dose (mg/kg-day) | | Cancer Risk (in one million) | | |
| 371269.00 | 3762182.00 | 1.97E-07 | 1.33E-06 | 7.74E-03 | 3.99E-01 | 4.07E-01 |
| 371289.00 | 3762182.00 | 1.86E-07 | 1.26E-06 | 7.33E-03 | 3.77E-01 | 3.85E-01 |
| 371309.00 | 3762182.00 | 1.76E-07 | 1.19E-06 | 6.91E-03 | 3.56E-01 | 3.63E-01 |
| 371329.00 | 3762182.00 | 1.65E-07 | 1.11E-06 | 6.48E-03 | 3.34E-01 | 3.40E-01 |
| 371349.00 | 3762182.00 | 1.54E-07 | 1.04E-06 | 6.06E-03 | 3.12E-01 | 3.18E-01 |
| 371369.00 | 3762182.00 | 1.44E-07 | 9.70E-07 | 5.65E-03 | 2.91E-01 | 2.96E-01 |
| 371389.00 | 3762182.00 | 1.34E-07 | 9.02E-07 | 5.25E-03 | 2.70E-01 | 2.76E-01 |
| 371409.00 | 3762182.00 | 1.24E-07 | 8.36E-07 | 4.87E-03 | 2.51E-01 | 2.55E-01 |
| 371429.00 | 3762182.00 | 1.15E-07 | 7.75E-07 | 4.52E-03 | 2.32E-01 | 2.37E-01 |
| 371449.00 | 3762182.00 | 1.06E-07 | 7.17E-07 | 4.18E-03 | 2.15E-01 | 2.19E-01 |
| 370869.00 | 3762202.00 | 7.15E-08 | 4.40E-07 | 2.81E-03 | 1.32E-01 | 1.35E-01 |
| 370889.00 | 3762202.00 | 7.80E-08 | 4.87E-07 | 3.06E-03 | 1.46E-01 | 1.49E-01 |
| 370909.00 | 3762202.00 | 8.57E-08 | 5.42E-07 | 3.37E-03 | 1.62E-01 | 1.66E-01 |
| 370929.00 | 3762202.00 | 9.56E-08 | 6.11E-07 | 3.76E-03 | 1.83E-01 | 1.87E-01 |
| 370949.00 | 3762202.00 | 1.06E-07 | 6.83E-07 | 4.16E-03 | 2.05E-01 | 2.09E-01 |
| 370969.00 | 3762202.00 | 1.17E-07 | 7.62E-07 | 4.60E-03 | 2.28E-01 | 2.33E-01 |
| 370989.00 | 3762202.00 | 1.30E-07 | 8.51E-07 | 5.10E-03 | 2.55E-01 | 2.60E-01 |
| 371009.00 | 3762202.00 | 1.44E-07 | 9.52E-07 | 5.67E-03 | 2.85E-01 | 2.91E-01 |
| 371029.00 | 3762202.00 | 1.55E-07 | 1.03E-06 | 6.11E-03 | 3.09E-01 | 3.15E-01 |
| 371049.00 | 3762202.00 | 1.69E-07 | 1.13E-06 | 6.64E-03 | 3.37E-01 | 3.44E-01 |
| 371069.00 | 3762202.00 | 1.80E-07 | 1.20E-06 | 7.08E-03 | 3.60E-01 | 3.67E-01 |
| 371089.00 | 3762202.00 | 1.89E-07 | 1.27E-06 | 7.44E-03 | 3.80E-01 | 3.87E-01 |
| 371109.00 | 3762202.00 | 1.98E-07 | 1.33E-06 | 7.77E-03 | 3.97E-01 | 4.05E-01 |
| 371129.00 | 3762202.00 | 2.04E-07 | 1.37E-06 | 8.00E-03 | 4.10E-01 | 4.18E-01 |
| 371149.00 | 3762202.00 | 2.07E-07 | 1.39E-06 | 8.12E-03 | 4.17E-01 | 4.25E-01 |
| 371169.00 | 3762202.00 | 2.07E-07 | 1.39E-06 | 8.13E-03 | 4.18E-01 | 4.26E-01 |
| 371189.00 | 3762202.00 | 2.05E-07 | 1.38E-06 | 8.07E-03 | 4.15E-01 | 4.23E-01 |
| 371209.00 | 3762202.00 | 2.02E-07 | 1.36E-06 | 7.94E-03 | 4.08E-01 | 4.16E-01 |
| 371229.00 | 3762202.00 | 1.97E-07 | 1.33E-06 | 7.75E-03 | 3.99E-01 | 4.06E-01 |
| 371249.00 | 3762202.00 | 1.90E-07 | 1.28E-06 | 7.48E-03 | 3.85E-01 | 3.92E-01 |
| 371269.00 | 3762202.00 | 1.83E-07 | 1.24E-06 | 7.19E-03 | 3.70E-01 | 3.77E-01 |
| 371289.00 | 3762202.00 | 1.75E-07 | 1.18E-06 | 6.87E-03 | 3.53E-01 | 3.60E-01 |
| 371309.00 | 3762202.00 | 1.66E-07 | 1.12E-06 | 6.53E-03 | 3.36E-01 | 3.43E-01 |
| 371329.00 | 3762202.00 | 1.57E-07 | 1.06E-06 | 6.18E-03 | 3.18E-01 | 3.24E-01 |
| 371349.00 | 3762202.00 | 1.48E-07 | 9.99E-07 | 5.82E-03 | 2.99E-01 | 3.05E-01 |
| 371369.00 | 3762202.00 | 1.39E-07 | 9.38E-07 | 5.47E-03 | 2.81E-01 | 2.87E-01 |
| 371389.00 | 3762202.00 | 1.30E-07 | 8.80E-07 | 5.12E-03 | 2.64E-01 | 2.69E-01 |
| 371409.00 | 3762202.00 | 1.22E-07 | 8.21E-07 | 4.78E-03 | 2.46E-01 | 2.51E-01 |
| 371429.00 | 3762202.00 | 1.13E-07 | 7.65E-07 | 4.46E-03 | 2.29E-01 | 2.34E-01 |
| 371449.00 | 3762202.00 | 1.06E-07 | 7.12E-07 | 4.15E-03 | 2.13E-01 | 2.18E-01 |
| 370869.00 | 3762222.00 | 6.29E-08 | 3.86E-07 | 2.47E-03 | 1.16E-01 | 1.18E-01 |
| 370889.00 | 3762222.00 | 6.82E-08 | 4.24E-07 | 2.68E-03 | 1.27E-01 | 1.30E-01 |
| 370909.00 | 3762222.00 | 7.47E-08 | 4.69E-07 | 2.93E-03 | 1.41E-01 | 1.44E-01 |
| 370929.00 | 3762222.00 | 8.29E-08 | 5.27E-07 | 3.26E-03 | 1.58E-01 | 1.61E-01 |
| 370949.00 | 3762222.00 | 9.13E-08 | 5.86E-07 | 3.59E-03 | 1.76E-01 | 1.79E-01 |
| 370969.00 | 3762222.00 | 1.01E-07 | 6.53E-07 | 3.96E-03 | 1.96E-01 | 2.00E-01 |
| 370989.00 | 3762222.00 | 1.11E-07 | 7.26E-07 | 4.37E-03 | 2.18E-01 | 2.22E-01 |
| 371009.00 | 3762222.00 | 1.23E-07 | 8.10E-07 | 4.84E-03 | 2.43E-01 | 2.48E-01 |
| 371029.00 | 3762222.00 | 1.33E-07 | 8.78E-07 | 5.22E-03 | 2.63E-01 | 2.68E-01 |
| 371049.00 | 3762222.00 | 1.44E-07 | 9.56E-07 | 5.66E-03 | 2.86E-01 | 2.92E-01 |
| 371069.00 | 3762222.00 | 1.54E-07 | 1.03E-06 | 6.07E-03 | 3.08E-01 | 3.14E-01 |
| 371089.00 | 3762222.00 | 1.63E-07 | 1.09E-06 | 6.41E-03 | 3.26E-01 | 3.33E-01 |
| 371109.00 | 3762222.00 | 1.71E-07 | 1.14E-06 | 6.72E-03 | 3.43E-01 | 3.50E-01 |
| 371129.00 | 3762222.00 | 1.77E-07 | 1.19E-06 | 6.97E-03 | 3.56E-01 | 3.63E-01 |
| 371149.00 | 3762222.00 | 1.82E-07 | 1.22E-06 | 7.13E-03 | 3.65E-01 | 3.72E-01 |
| 371169.00 | 3762222.00 | 1.83E-07 | 1.23E-06 | 7.19E-03 | 3.69E-01 | 3.76E-01 |
| 371189.00 | 3762222.00 | 1.83E-07 | 1.23E-06 | 7.21E-03 | 3.70E-01 | 3.77E-01 |
| 371209.00 | 3762222.00 | 1.82E-07 | 1.22E-06 | 7.15E-03 | 3.67E-01 | 3.74E-01 |
| 371229.00 | 3762222.00 | 1.79E-07 | 1.21E-06 | 7.04E-03 | 3.61E-01 | 3.69E-01 |
| 371249.00 | 3762222.00 | 1.74E-07 | 1.18E-06 | 6.85E-03 | 3.52E-01 | 3.59E-01 |
| 371269.00 | 3762222.00 | 1.69E-07 | 1.14E-06 | 6.64E-03 | 3.42E-01 | 3.48E-01 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

| Receptor X | Receptor Y | 3rd Trimester 0 < 2 Dose (mg/kg-day) | | 3rd Trimester 0 < 2 Cancer Risk (in one million) | | Total Cancer Risk (in one million) |
|---|---|---|---|---|---|---|
| 371289.00 | 3762222.00 | 1.63E-07 | 1.10E-06 | 6.39E-03 | 3.29E-01 | 3.35E-01 |
| 371309.00 | 3762222.00 | 1.56E-07 | 1.05E-06 | 6.14E-03 | 3.16E-01 | 3.22E-01 |
| 371329.00 | 3762222.00 | 1.49E-07 | 1.00E-06 | 5.85E-03 | 3.01E-01 | 3.07E-01 |
| 371349.00 | 3762222.00 | 1.41E-07 | 9.53E-07 | 5.55E-03 | 2.86E-01 | 2.91E-01 |
| 371369.00 | 3762222.00 | 1.34E-07 | 9.02E-07 | 5.25E-03 | 2.70E-01 | 2.75E-01 |
| 371389.00 | 3762222.00 | 1.26E-07 | 8.51E-07 | 4.96E-03 | 2.55E-01 | 2.60E-01 |
| 371409.00 | 3762222.00 | 1.19E-07 | 8.00E-07 | 4.66E-03 | 2.40E-01 | 2.44E-01 |
| 371429.00 | 3762222.00 | 1.11E-07 | 7.50E-07 | 4.37E-03 | 2.25E-01 | 2.29E-01 |
| 371449.00 | 3762222.00 | 1.04E-07 | 7.02E-07 | 4.10E-03 | 2.10E-01 | 2.15E-01 |
| 370869.00 | 3762242.00 | 5.65E-08 | 3.45E-07 | 2.22E-03 | 1.03E-01 | 1.06E-01 |
| 370889.00 | 3762242.00 | 6.10E-08 | 3.78E-07 | 2.40E-03 | 1.13E-01 | 1.16E-01 |
| 370909.00 | 3762242.00 | 6.64E-08 | 4.16E-07 | 2.61E-03 | 1.25E-01 | 1.27E-01 |
| 370929.00 | 3762242.00 | 7.29E-08 | 4.61E-07 | 2.86E-03 | 1.38E-01 | 1.41E-01 |
| 370949.00 | 3762242.00 | 7.98E-08 | 5.10E-07 | 3.13E-03 | 1.53E-01 | 1.56E-01 |
| 370969.00 | 3762242.00 | 8.76E-08 | 5.65E-07 | 3.44E-03 | 1.69E-01 | 1.73E-01 |
| 370989.00 | 3762242.00 | 9.64E-08 | 6.26E-07 | 3.79E-03 | 1.88E-01 | 1.91E-01 |
| 371009.00 | 3762242.00 | 1.06E-07 | 6.95E-07 | 4.17E-03 | 2.08E-01 | 2.12E-01 |
| 371029.00 | 3762242.00 | 1.15E-07 | 7.56E-07 | 4.51E-03 | 2.26E-01 | 2.31E-01 |
| 371049.00 | 3762242.00 | 1.25E-07 | 8.23E-07 | 4.89E-03 | 2.47E-01 | 2.52E-01 |
| 371069.00 | 3762242.00 | 1.34E-07 | 8.87E-07 | 5.25E-03 | 2.66E-01 | 2.71E-01 |
| 371089.00 | 3762242.00 | 1.42E-07 | 9.44E-07 | 5.57E-03 | 2.83E-01 | 2.88E-01 |
| 371109.00 | 3762242.00 | 1.49E-07 | 9.92E-07 | 5.84E-03 | 2.97E-01 | 3.03E-01 |
| 371129.00 | 3762242.00 | 1.55E-07 | 1.04E-06 | 6.09E-03 | 3.11E-01 | 3.17E-01 |
| 371149.00 | 3762242.00 | 1.60E-07 | 1.07E-06 | 6.27E-03 | 3.20E-01 | 3.26E-01 |
| 371169.00 | 3762242.00 | 1.62E-07 | 1.09E-06 | 6.36E-03 | 3.26E-01 | 3.32E-01 |
| 371189.00 | 3762242.00 | 1.64E-07 | 1.10E-06 | 6.42E-03 | 3.29E-01 | 3.36E-01 |
| 371209.00 | 3762242.00 | 1.63E-07 | 1.10E-06 | 6.42E-03 | 3.29E-01 | 3.36E-01 |
| 371229.00 | 3762242.00 | 1.62E-07 | 1.09E-06 | 6.37E-03 | 3.27E-01 | 3.33E-01 |
| 371249.00 | 3762242.00 | 1.59E-07 | 1.07E-06 | 6.25E-03 | 3.21E-01 | 3.27E-01 |
| 371269.00 | 3762242.00 | 1.56E-07 | 1.05E-06 | 6.11E-03 | 3.14E-01 | 3.20E-01 |
| 371289.00 | 3762242.00 | 1.51E-07 | 1.02E-06 | 5.93E-03 | 3.05E-01 | 3.11E-01 |
| 371309.00 | 3762242.00 | 1.46E-07 | 9.84E-07 | 5.74E-03 | 2.95E-01 | 3.00E-01 |
| 371329.00 | 3762242.00 | 1.40E-07 | 9.44E-07 | 5.51E-03 | 2.83E-01 | 2.89E-01 |
| 371349.00 | 3762242.00 | 1.34E-07 | 9.03E-07 | 5.27E-03 | 2.71E-01 | 2.76E-01 |
| 371369.00 | 3762242.00 | 1.28E-07 | 8.60E-07 | 5.02E-03 | 2.58E-01 | 2.63E-01 |
| 371389.00 | 3762242.00 | 1.21E-07 | 8.18E-07 | 4.77E-03 | 2.45E-01 | 2.50E-01 |
| 371409.00 | 3762242.00 | 1.15E-07 | 7.73E-07 | 4.51E-03 | 2.32E-01 | 2.36E-01 |
| 371429.00 | 3762242.00 | 1.08E-07 | 7.29E-07 | 4.26E-03 | 2.19E-01 | 2.23E-01 |
| 371449.00 | 3762242.00 | 1.02E-07 | 6.88E-07 | 4.01E-03 | 2.06E-01 | 2.10E-01 |
| 370868.00 | 3761881.00 | 4.04E-06 | 2.71E-05 | 1.59E-01 | 8.13E+00 | 8.29E+00 |
| 370873.00 | 3761881.00 | 4.75E-06 | 3.19E-05 | 1.87E-01 | 9.55E+00 | 9.73E+00 |
| 370878.00 | 3761881.00 | 5.64E-06 | 3.77E-05 | 2.22E-01 | 1.13E+01 | 1.15E+01 |
| 370883.00 | 3761881.00 | 6.73E-06 | 4.49E-05 | 2.64E-01 | 1.35E+01 | 1.37E+01 |
| 370888.00 | 3761881.00 | 8.00E-06 | 5.34E-05 | 3.14E-01 | 1.60E+01 | 1.63E+01 |
| 370868.00 | 3761886.00 | 3.58E-06 | 2.40E-05 | 1.41E-01 | 7.21E+00 | 7.35E+00 |
| 370873.00 | 3761886.00 | 4.17E-06 | 2.80E-05 | 1.64E-01 | 8.40E+00 | 8.56E+00 |
| 370878.00 | 3761886.00 | 4.91E-06 | 3.29E-05 | 1.93E-01 | 9.87E+00 | 1.01E+01 |
| 370883.00 | 3761886.00 | 5.83E-06 | 3.90E-05 | 2.29E-01 | 1.17E+01 | 1.19E+01 |
| 370888.00 | 3761886.00 | 6.92E-06 | 4.63E-05 | 2.72E-01 | 1.39E+01 | 1.41E+01 |
| 370868.00 | 3761891.00 | 3.16E-06 | 2.12E-05 | 1.24E-01 | 6.36E+00 | 6.49E+00 |
| Spatial Average | | 4.47E-06 | 3.00E-05 | 1.76E-01 | 8.99E+00 | 9.16E+00 |

| XY | X | Y | Receptor Group | Residential Cancer Risk (per million) | Maximum Residential Cancer Risk (per million) |
|---|---|---|---|---|---|

| Spatial Average at Max Receptor |
|---|
| Maximum Residential Cancer Risk (per million) |

**Localized DPM Emissions**

| | | | |
|---|---|---|---|
| **Start** | 5/4/2020 | 5/4/2021 | 5/4/2022 |
| **End** | 5/3/2021 | 5/3/2022 | 7/1/2022 |
| Total Workdays | 313 | 313 | 51 |

**Off-Road Heavy Duty Construction Equipment Emission Rates**

| Phase | Start Date | End Date | Number of Work Days | Hours per day | DPM: Exhaust PM10 (lb/day) | DPM: Emission Rate per work day (g/s) | Days per Age Group: Construction Year 1 | Days per Age Group: Construction Year 2 | Days per Age Group: Construction Year 3 | Weighted DPM Emissions per Age Bin (g/s): Construction Year 1 | Weighted DPM Emissions per Age Bin (g/s): Construction Year 2 | Weighted DPM Emissions per Age Bin (g/s): Construction Year 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Demolition | 5/4/2020 | 7/3/2020 | 53 | 8 | 0.0324 | 0.0005 | 53 | | | 2.70E-02 | 0.00E+00 | 0.00E+00 |
| Excavation | 7/6/2020 | 9/30/2020 | 75 | 8 | 0.0409 | 0.0006 | 75 | | | 4.83E-02 | 0.00E+00 | 0.00E+00 |
| Foundations | 10/1/2020 | 12/31/2020 | 79 | 8 | 0.0246 | 0.0004 | 79 | | | 3.06E-02 | 0.00E+00 | 0.00E+00 |
| Continuous Concrete Pour | 11/2/2020 | 11/7/2020 | 6 | 8 | 0.0263 | 0.0004 | 6 | | | 2.49E-03 | 0.00E+00 | 0.00E+00 |
| Building Construction | 1/2/2021 | 7/1/2022 | 468 | 8 | 0.0886 | 0.0014 | 104 | 313 | 51 | 1.45E-01 | 4.37E-01 | 7.11E-02 |
| Paving | 11/1/2021 | 11/12/2021 | 11 | 8 | 0.0805 | 0.0013 | | 11 | | 0.00E+00 | 1.39E-02 | 0.00E+00 |
| Architectural Coating | 2/1/2022 | 4/30/2022 | 77 | 8 | 0.0053 | 0.0001 | | 77 | | 0.00E+00 | 6.40E-03 | 0.00E+00 |
| | | | | | | | | | **Weighted Average** | **8.10E-04** | **1.46E-03** | **1.39E-03** |

**Travel On-Road Haul, Concrete, Vendor Truck Emission Rates**

| Phase | Start Date | End Date | Number of Work Days | Hours per day | First Year of Construction Activity | Total Truck Trips per day | Daily One-Way Trips | One-way Trip distance (mi.) | DPM Running Emissions Factor (g/mi) | Emission Rate (g/s) | Weighted DPM Emissions per Age Bin (g/s): Construction Year 1 | Weighted DPM Emissions per Age Bin (g/s): Construction Year 2 | Weighted DPM Emissions per Age Bin (g/s): Construction Year 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Demolition | 5/4/2020 | 7/3/2020 | 53 | 8 | 2020 | 5 | 10 | 0.42 | 6.25E-02 | 9.06E-06 | 4.80E-04 | 0.00E+00 | 0.00E+00 |
| Excavation | 7/6/2020 | 9/30/2020 | 75 | 8 | 2020 | 59 | 118 | 0.42 | 6.25E-02 | 1.07E-04 | 8.02E-03 | 0.00E+00 | 0.00E+00 |
| Foundations | 10/1/2020 | 12/31/2020 | 79 | 8 | 2020 | 13 | 26 | 0.42 | 6.25E-02 | 2.35E-05 | 1.86E-03 | 0.00E+00 | 0.00E+00 |
| Continuous Concrete Pour | 11/2/2020 | 11/7/2020 | 6 | 8 | 2020 | 116 | 232 | 0.42 | 6.25E-02 | 2.10E-04 | 1.26E-03 | 0.00E+00 | 0.00E+00 |
| Building Construction | 1/2/2021 | 7/1/2022 | 468 | 8 | 2021 | 13 | 26 | 0.42 | 5.22E-02 | 1.97E-05 | 2.05E-03 | 6.16E-03 | 1.00E-03 |
| Paving | 11/1/2021 | 11/12/2021 | 11 | 8 | 2021 | 0 | 0 | 0.42 | 5.22E-02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Architectural Coating | 2/1/2022 | 4/30/2022 | 77 | 8 | 2021 | 0 | 0 | 0.42 | 5.22E-02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | | | | | | | | | | **Weighted Average** | **4.36E-05** | **1.97E-05** | **1.97E-05** |

**Idling Haul, Concrete, Vendor Truck Emission Rates**

| Phase | Start Date | End Date | Number of Work Days | Hours per day | First Year of Construction Activity | Total Truck Trips Haul Trips per Day | Daily One-Way Trips | Idling Time (minutes) | DPM Idling Emissions Factor (g/min) | Emission Rate (g/s) | Weighted DPM Emissions per Age Bin (g/s): Construction Year 1 | Weighted DPM Emissions per Age Bin (g/s): Construction Year 2 | Weighted DPM Emissions per Age Bin (g/s): Construction Year 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Demolition | 5/4/2020 | 7/3/2020 | 53 | 8 | 2020 | 5 | 10.00 | 15 | 4.19E-04 | 1.09E-06 | 5.79E-05 | 0.00E+00 | 0.00E+00 |
| Excavation | 7/6/2020 | 9/30/2020 | 75 | 8 | 2020 | 59 | 118.00 | 15 | 4.19E-04 | 1.29E-05 | 9.66E-04 | 0.00E+00 | 0.00E+00 |
| Foundations | 10/1/2020 | 12/31/2020 | 79 | 8 | 2020 | 13 | 26.00 | 15 | 4.19E-04 | 2.84E-06 | 2.24E-04 | 0.00E+00 | 0.00E+00 |
| Continuous Concrete Pour | 11/2/2020 | 11/7/2020 | 6 | 8 | 2020 | 116 | 232.00 | 15 | 4.19E-04 | 2.53E-05 | 1.52E-04 | 0.00E+00 | 0.00E+00 |
| Building Construction | 1/2/2021 | 7/1/2022 | 468 | 8 | 2021 | 13 | 26.00 | 15 | 3.54E-04 | 2.39E-06 | 2.49E-04 | 7.49E-04 | 1.22E-04 |
| Paving | 11/1/2021 | 11/12/2021 | 11 | 8 | 2021 | 0 | 0.00 | 15 | 3.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Architectural Coating | 2/1/2022 | 4/30/2022 | 77 | 8 | 2021 | 0 | 0.00 | 15 | 3.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | | | | | | | | | | **Weighted Average** | **5.27E-06** | **2.39E-06** | **2.39E-06** |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 Project Concentrations (ug/m$^3$) | Construction Year 2 Project Concentrations (ug/m$^3$) | Construction Year 3 Project Concentrations (ug/m$^3$) | Construction Year 1 Project Concentrations (ug/m$^3$) | Construction Year 2 Project Concentrations (ug/m$^3$) | Construction Year 3 Project Concentrations (ug/m$^3$) | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| 3708373761841 | 370837 | 3761841 | RESIDENT | 1.11E-02 | 1.94E-02 | 1.85E-02 | 3.26E-02 | 5.70E-02 | 5.45E-02 | **5.70E-02** |
| 3708423761841 | 370842 | 3761841 | RESIDENT | 1.28E-02 | 2.24E-02 | 2.14E-02 | | | | |
| 3708473761841 | 370847 | 3761841 | RESIDENT | 1.50E-02 | 2.61E-02 | 2.50E-02 | | | | |
| 3708523761841 | 370852 | 3761841 | RESIDENT | 1.76E-02 | 3.07E-02 | 2.94E-02 | | | | |
| 3708573761841 | 370857 | 3761841 | RESIDENT | 2.09E-02 | 3.64E-02 | 3.48E-02 | | | | |
| 3708173761846 | 370817 | 3761846 | RESIDENT | 6.72E-03 | 1.16E-02 | 1.11E-02 | | | | |
| 3708323761846 | 370832 | 3761846 | RESIDENT | 9.56E-03 | 1.67E-02 | 1.59E-02 | | | | |
| 3708373761846 | 370837 | 3761846 | RESIDENT | 1.09E-02 | 1.91E-02 | 1.83E-02 | | | | |
| 3708423761846 | 370842 | 3761846 | RESIDENT | 1.26E-02 | 2.21E-02 | 2.11E-02 | | | | |
| 3708473761846 | 370847 | 3761846 | RESIDENT | 1.48E-02 | 2.58E-02 | 2.46E-02 | | | | |
| 3708523761846 | 370852 | 3761846 | RESIDENT | 1.74E-02 | 3.03E-02 | 2.90E-02 | | | | |
| 3708573761846 | 370857 | 3761846 | RESIDENT | 2.06E-02 | 3.60E-02 | 3.44E-02 | | | | |
| 3708623761846 | 370862 | 3761846 | RESIDENT | 2.45E-02 | 4.27E-02 | 4.08E-02 | | | | |
| 3707973761851 | 370797 | 3761851 | RESIDENT | 4.47E-03 | 7.65E-03 | 7.31E-03 | | | | |
| 3708023761851 | 370802 | 3761851 | RESIDENT | 4.89E-03 | 8.39E-03 | 8.02E-03 | | | | |
| 3708073761851 | 370807 | 3761851 | RESIDENT | 5.36E-03 | 9.24E-03 | 8.84E-03 | | | | |
| 3708123761851 | 370812 | 3761851 | RESIDENT | 5.92E-03 | 1.02E-02 | 9.78E-03 | | | | |
| 3708173761851 | 370817 | 3761851 | RESIDENT | 6.57E-03 | 1.14E-02 | 1.09E-02 | | | | |
| 3708373761851 | 370837 | 3761851 | RESIDENT | 1.07E-02 | 1.86E-02 | 1.78E-02 | | | | |
| 3708423761851 | 370842 | 3761851 | RESIDENT | 1.23E-02 | 2.15E-02 | 2.05E-02 | | | | |
| 3708473761851 | 370847 | 3761851 | RESIDENT | 1.43E-02 | 2.50E-02 | 2.39E-02 | | | | |
| 3708523761851 | 370852 | 3761851 | RESIDENT | 1.68E-02 | 2.94E-02 | 2.81E-02 | | | | |
| 3708573761851 | 370857 | 3761851 | RESIDENT | 1.99E-02 | 3.48E-02 | 3.32E-02 | | | | |
| 3708623761851 | 370862 | 3761851 | RESIDENT | 2.37E-02 | 4.13E-02 | 3.95E-02 | | | | |
| 3707773761856 | 370777 | 3761856 | RESIDENT | 3.21E-03 | 5.37E-03 | 5.14E-03 | | | | |
| 3707823761856 | 370782 | 3761856 | RESIDENT | 3.44E-03 | 5.80E-03 | 5.54E-03 | | | | |
| 3707873761856 | 370787 | 3761856 | RESIDENT | 3.71E-03 | 6.28E-03 | 6.01E-03 | | | | |
| 3707923761856 | 370792 | 3761856 | RESIDENT | 4.01E-03 | 6.83E-03 | 6.53E-03 | | | | |
| 3707973761856 | 370797 | 3761856 | RESIDENT | 4.36E-03 | 7.45E-03 | 7.12E-03 | | | | |
| 3708023761856 | 370802 | 3761856 | RESIDENT | 4.75E-03 | 8.16E-03 | 7.81E-03 | | | | |
| 3708073761856 | 370807 | 3761856 | RESIDENT | 5.21E-03 | 8.99E-03 | 8.59E-03 | | | | |
| 3708123761856 | 370812 | 3761856 | RESIDENT | 5.75E-03 | 9.94E-03 | 9.50E-03 | | | | |
| 3708173761856 | 370817 | 3761856 | RESIDENT | 6.37E-03 | 1.10E-02 | 1.06E-02 | | | | |
| 3708223761856 | 370822 | 3761856 | RESIDENT | 7.10E-03 | 1.23E-02 | 1.18E-02 | | | | |
| 3708373761856 | 370837 | 3761856 | RESIDENT | 1.03E-02 | 1.79E-02 | 1.71E-02 | | | | |
| 3708423761856 | 370842 | 3761856 | RESIDENT | 1.18E-02 | 2.06E-02 | 1.97E-02 | | | | |
| 3708473761856 | 370847 | 3761856 | RESIDENT | 1.37E-02 | 2.40E-02 | 2.29E-02 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3708523761856 | 370852 | 3761856 | RESIDENT | 1.60E-02 | 2.80E-02 | 2.68E-02 | | | | |
| 3708573761856 | 370857 | 3761856 | RESIDENT | 1.89E-02 | 3.31E-02 | 3.16E-02 | | | | |
| 3708623761856 | 370862 | 3761856 | RESIDENT | 2.24E-02 | 3.92E-02 | 3.74E-02 | | | | |
| 3708673761856 | 370867 | 3761856 | RESIDENT | 2.66E-02 | 4.64E-02 | 4.44E-02 | | | | |
| 3707573761861 | 370757 | 3761861 | RESIDENT | 2.46E-03 | 3.97E-03 | 3.80E-03 | | | | |
| 3707623761861 | 370762 | 3761861 | RESIDENT | 2.59E-03 | 4.23E-03 | 4.05E-03 | | | | |
| 3707673761861 | 370767 | 3761861 | RESIDENT | 2.75E-03 | 4.53E-03 | 4.33E-03 | | | | |
| 3707723761861 | 370772 | 3761861 | RESIDENT | 2.92E-03 | 4.86E-03 | 4.65E-03 | | | | |
| 3707773761861 | 370777 | 3761861 | RESIDENT | 3.12E-03 | 5.22E-03 | 5.00E-03 | | | | |
| 3707823761861 | 370782 | 3761861 | RESIDENT | 3.34E-03 | 5.63E-03 | 5.39E-03 | | | | |
| 3707873761861 | 370787 | 3761861 | RESIDENT | 3.60E-03 | 6.10E-03 | 5.83E-03 | | | | |
| 3707923761861 | 370792 | 3761861 | RESIDENT | 3.89E-03 | 6.62E-03 | 6.33E-03 | | | | |
| 3707973761861 | 370797 | 3761861 | RESIDENT | 4.22E-03 | 7.22E-03 | 6.90E-03 | | | | |
| 3708023761861 | 370802 | 3761861 | RESIDENT | 4.60E-03 | 7.90E-03 | 7.56E-03 | | | | |
| 3708073761861 | 370807 | 3761861 | RESIDENT | 5.04E-03 | 8.68E-03 | 8.30E-03 | | | | |
| 3708123761861 | 370812 | 3761861 | RESIDENT | 5.54E-03 | 9.59E-03 | 9.17E-03 | | | | |
| 3708173761861 | 370817 | 3761861 | RESIDENT | 6.13E-03 | 1.06E-02 | 1.02E-02 | | | | |
| 3708223761861 | 370822 | 3761861 | RESIDENT | 6.83E-03 | 1.19E-02 | 1.13E-02 | | | | |
| 3708423761861 | 370842 | 3761861 | RESIDENT | 1.12E-02 | 1.96E-02 | 1.87E-02 | | | | |
| 3708473761861 | 370847 | 3761861 | RESIDENT | 1.29E-02 | 2.26E-02 | 2.16E-02 | | | | |
| 3708523761861 | 370852 | 3761861 | RESIDENT | 1.51E-02 | 2.64E-02 | 2.52E-02 | | | | |
| 3708573761861 | 370857 | 3761861 | RESIDENT | 1.77E-02 | 3.10E-02 | 2.96E-02 | | | | |
| 3708623761861 | 370862 | 3761861 | RESIDENT | 2.09E-02 | 3.66E-02 | 3.50E-02 | | | | |
| 3708673761861 | 370867 | 3761861 | RESIDENT | 2.48E-02 | 4.34E-02 | 4.14E-02 | | | | |
| 3708723761861 | 370872 | 3761861 | RESIDENT | 2.94E-02 | 5.13E-02 | 4.91E-02 | | | | |
| 3707573761866 | 370757 | 3761866 | RESIDENT | 2.38E-03 | 3.86E-03 | 3.69E-03 | | | | |
| 3707623761866 | 370762 | 3761866 | RESIDENT | 2.52E-03 | 4.11E-03 | 3.94E-03 | | | | |
| 3707673761866 | 370767 | 3761866 | RESIDENT | 2.67E-03 | 4.40E-03 | 4.21E-03 | | | | |
| 3707723761866 | 370772 | 3761866 | RESIDENT | 2.83E-03 | 4.71E-03 | 4.51E-03 | | | | |
| 3707773761866 | 370777 | 3761866 | RESIDENT | 3.02E-03 | 5.06E-03 | 4.84E-03 | | | | |
| 3707823761866 | 370782 | 3761866 | RESIDENT | 3.24E-03 | 5.45E-03 | 5.22E-03 | | | | |
| 3707873761866 | 370787 | 3761866 | RESIDENT | 3.48E-03 | 5.90E-03 | 5.64E-03 | | | | |
| 3707923761866 | 370792 | 3761866 | RESIDENT | 3.76E-03 | 6.40E-03 | 6.12E-03 | | | | |
| 3707973761866 | 370797 | 3761866 | RESIDENT | 4.07E-03 | 6.96E-03 | 6.66E-03 | | | | |
| 3708023761866 | 370802 | 3761866 | RESIDENT | 4.43E-03 | 7.61E-03 | 7.27E-03 | | | | |
| 3708073761866 | 370807 | 3761866 | RESIDENT | 4.84E-03 | 8.35E-03 | 7.98E-03 | | | | |
| 3708123761866 | 370812 | 3761866 | RESIDENT | 5.32E-03 | 9.20E-03 | 8.79E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3708173761866 | 370817 | 3761866 | RESIDENT | 5.87E-03 | 1.02E-02 | 9.73E-03 | | | | |
| 3708223761866 | 370822 | 3761866 | RESIDENT | 6.52E-03 | 1.13E-02 | 1.08E-02 | | | | |
| 3708423761866 | 370842 | 3761866 | RESIDENT | 1.05E-02 | 1.84E-02 | 1.76E-02 | | | | |
| 3708473761866 | 370847 | 3761866 | RESIDENT | 1.21E-02 | 2.12E-02 | 2.03E-02 | | | | |
| 3708523761866 | 370852 | 3761866 | RESIDENT | 1.40E-02 | 2.46E-02 | 2.35E-02 | | | | |
| 3708573761866 | 370857 | 3761866 | RESIDENT | 1.64E-02 | 2.87E-02 | 2.74E-02 | | | | |
| 3708623761866 | 370862 | 3761866 | RESIDENT | 1.93E-02 | 3.37E-02 | 3.22E-02 | | | | |
| 3708673761866 | 370867 | 3761866 | RESIDENT | 2.28E-02 | 3.99E-02 | 3.81E-02 | | | | |
| 3708723761866 | 370872 | 3761866 | RESIDENT | 2.71E-02 | 4.73E-02 | 4.52E-02 | | | | |
| 3707573761871 | 370757 | 3761871 | RESIDENT | 2.31E-03 | 3.74E-03 | 3.58E-03 | | | | |
| 3707623761871 | 370762 | 3761871 | RESIDENT | 2.44E-03 | 3.99E-03 | 3.81E-03 | | | | |
| 3707673761871 | 370767 | 3761871 | RESIDENT | 2.58E-03 | 4.26E-03 | 4.07E-03 | | | | |
| 3707723761871 | 370772 | 3761871 | RESIDENT | 2.74E-03 | 4.55E-03 | 4.36E-03 | | | | |
| 3707773761871 | 370777 | 3761871 | RESIDENT | 2.92E-03 | 4.89E-03 | 4.68E-03 | | | | |
| 3707823761871 | 370782 | 3761871 | RESIDENT | 3.12E-03 | 5.26E-03 | 5.03E-03 | | | | |
| 3707873761871 | 370787 | 3761871 | RESIDENT | 3.35E-03 | 5.68E-03 | 5.43E-03 | | | | |
| 3707923761871 | 370792 | 3761871 | RESIDENT | 3.61E-03 | 6.15E-03 | 5.88E-03 | | | | |
| 3707973761871 | 370797 | 3761871 | RESIDENT | 3.91E-03 | 6.69E-03 | 6.39E-03 | | | | |
| 3708023761871 | 370802 | 3761871 | RESIDENT | 4.24E-03 | 7.29E-03 | 6.97E-03 | | | | |
| 3708073761871 | 370807 | 3761871 | RESIDENT | 4.63E-03 | 7.98E-03 | 7.63E-03 | | | | |
| 3708123761871 | 370812 | 3761871 | RESIDENT | 5.07E-03 | 8.78E-03 | 8.39E-03 | | | | |
| 3708173761871 | 370817 | 3761871 | RESIDENT | 5.59E-03 | 9.69E-03 | 9.26E-03 | | | | |
| 3708223761871 | 370822 | 3761871 | RESIDENT | 6.18E-03 | 1.08E-02 | 1.03E-02 | | | | |
| 3708273761871 | 370827 | 3761871 | RESIDENT | 6.88E-03 | 1.20E-02 | 1.15E-02 | | | | |
| 3708473761871 | 370847 | 3761871 | RESIDENT | 1.12E-02 | 1.97E-02 | 1.88E-02 | | | | |
| 3708523761871 | 370852 | 3761871 | RESIDENT | 1.29E-02 | 2.27E-02 | 2.17E-02 | | | | |
| 3708573761871 | 370857 | 3761871 | RESIDENT | 1.50E-02 | 2.63E-02 | 2.52E-02 | | | | |
| 3708623761871 | 370862 | 3761871 | RESIDENT | 1.76E-02 | 3.07E-02 | 2.94E-02 | | | | |
| 3708673761871 | 370867 | 3761871 | RESIDENT | 2.07E-02 | 3.62E-02 | 3.46E-02 | | | | |
| 3708723761871 | 370872 | 3761871 | RESIDENT | 2.46E-02 | 4.29E-02 | 4.10E-02 | | | | |
| 3708773761871 | 370877 | 3761871 | RESIDENT | 2.93E-02 | 5.11E-02 | 4.88E-02 | | | | |
| 3707573761876 | 370757 | 3761876 | RESIDENT | 2.23E-03 | 3.62E-03 | 3.47E-03 | | | | |
| 3707623761876 | 370762 | 3761876 | RESIDENT | 2.35E-03 | 3.85E-03 | 3.69E-03 | | | | |
| 3707673761876 | 370767 | 3761876 | RESIDENT | 2.49E-03 | 4.11E-03 | 3.93E-03 | | | | |
| 3707723761876 | 370772 | 3761876 | RESIDENT | 2.64E-03 | 4.39E-03 | 4.20E-03 | | | | |
| 3707773761876 | 370777 | 3761876 | RESIDENT | 2.81E-03 | 4.71E-03 | 4.50E-03 | | | | |
| 3707823761876 | 370782 | 3761876 | RESIDENT | 3.00E-03 | 5.06E-03 | 4.84E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3707873761876 | 370787 | 3761876 | RESIDENT | 3.22E-03 | 5.45E-03 | 5.22E-03 | | | | |
| 3707923761876 | 370792 | 3761876 | RESIDENT | 3.46E-03 | 5.90E-03 | 5.64E-03 | | | | |
| 3707973761876 | 370797 | 3761876 | RESIDENT | 3.74E-03 | 6.40E-03 | 6.12E-03 | | | | |
| 3708023761876 | 370802 | 3761876 | RESIDENT | 4.05E-03 | 6.96E-03 | 6.65E-03 | | | | |
| 3708073761876 | 370807 | 3761876 | RESIDENT | 4.41E-03 | 7.60E-03 | 7.27E-03 | | | | |
| 3708123761876 | 370812 | 3761876 | RESIDENT | 4.82E-03 | 8.33E-03 | 7.97E-03 | | | | |
| 3708173761876 | 370817 | 3761876 | RESIDENT | 5.29E-03 | 9.18E-03 | 8.77E-03 | | | | |
| 3708223761876 | 370822 | 3761876 | RESIDENT | 5.84E-03 | 1.01E-02 | 9.70E-03 | | | | |
| 3708273761876 | 370827 | 3761876 | RESIDENT | 6.47E-03 | 1.13E-02 | 1.08E-02 | | | | |
| 3708473761876 | 370847 | 3761876 | RESIDENT | 1.03E-02 | 1.81E-02 | 1.73E-02 | | | | |
| 3708523761876 | 370852 | 3761876 | RESIDENT | 1.18E-02 | 2.08E-02 | 1.98E-02 | | | | |
| 3708573761876 | 370857 | 3761876 | RESIDENT | 1.37E-02 | 2.39E-02 | 2.29E-02 | | | | |
| 3708623761876 | 370862 | 3761876 | RESIDENT | 1.59E-02 | 2.78E-02 | 2.66E-02 | | | | |
| 3708673761876 | 370867 | 3761876 | RESIDENT | 1.86E-02 | 3.25E-02 | 3.11E-02 | | | | |
| 3708723761876 | 370872 | 3761876 | RESIDENT | 2.20E-02 | 3.84E-02 | 3.67E-02 | | | | |
| 3708773761876 | 370877 | 3761876 | RESIDENT | 2.61E-02 | 4.56E-02 | 4.36E-02 | | | | |
| 3708823761876 | 370882 | 3761876 | RESIDENT | 3.12E-02 | 5.44E-02 | 5.20E-02 | | | | |
| 3707573761881 | 370757 | 3761881 | RESIDENT | 2.16E-03 | 3.50E-03 | 3.35E-03 | | | | |
| 3707623761881 | 370762 | 3761881 | RESIDENT | 2.27E-03 | 3.72E-03 | 3.56E-03 | | | | |
| 3707673761881 | 370767 | 3761881 | RESIDENT | 2.40E-03 | 3.96E-03 | 3.79E-03 | | | | |
| 3707723761881 | 370772 | 3761881 | RESIDENT | 2.54E-03 | 4.23E-03 | 4.04E-03 | | | | |
| 3707773761881 | 370777 | 3761881 | RESIDENT | 2.70E-03 | 4.52E-03 | 4.33E-03 | | | | |
| 3707823761881 | 370782 | 3761881 | RESIDENT | 2.88E-03 | 4.85E-03 | 4.64E-03 | | | | |
| 3707873761881 | 370787 | 3761881 | RESIDENT | 3.08E-03 | 5.22E-03 | 4.99E-03 | | | | |
| 3707923761881 | 370792 | 3761881 | RESIDENT | 3.31E-03 | 5.63E-03 | 5.39E-03 | | | | |
| 3707973761881 | 370797 | 3761881 | RESIDENT | 3.57E-03 | 6.10E-03 | 5.83E-03 | | | | |
| 3708023761881 | 370802 | 3761881 | RESIDENT | 3.86E-03 | 6.62E-03 | 6.33E-03 | | | | |
| 3708073761881 | 370807 | 3761881 | RESIDENT | 4.19E-03 | 7.21E-03 | 6.89E-03 | | | | |
| 3708123761881 | 370812 | 3761881 | RESIDENT | 4.56E-03 | 7.88E-03 | 7.54E-03 | | | | |
| 3708173761881 | 370817 | 3761881 | RESIDENT | 4.99E-03 | 8.65E-03 | 8.27E-03 | | | | |
| 3708223761881 | 370822 | 3761881 | RESIDENT | 5.49E-03 | 9.53E-03 | 9.11E-03 | | | | |
| 3708273761881 | 370827 | 3761881 | RESIDENT | 6.06E-03 | 1.06E-02 | 1.01E-02 | | | | |
| 3708323761881 | 370832 | 3761881 | RESIDENT | 6.72E-03 | 1.17E-02 | 1.12E-02 | | | | |
| 3708523761881 | 370852 | 3761881 | RESIDENT | 1.08E-02 | 1.89E-02 | 1.81E-02 | | | | |
| 3708573761881 | 370857 | 3761881 | RESIDENT | 1.23E-02 | 2.16E-02 | 2.07E-02 | | | | |
| 3708623761881 | 370862 | 3761881 | RESIDENT | 1.43E-02 | 2.50E-02 | 2.39E-02 | | | | |
| 3708673761881 | 370867 | 3761881 | RESIDENT | 1.66E-02 | 2.90E-02 | 2.78E-02 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3708723761881 | 370872 | 3761881 | RESIDENT | 1.94E-02 | 3.40E-02 | 3.25E-02 | | | | |
| 3708773761881 | 370877 | 3761881 | RESIDENT | 2.30E-02 | 4.02E-02 | 3.85E-02 | | | | |
| 3708823761881 | 370882 | 3761881 | RESIDENT | 2.74E-02 | 4.79E-02 | 4.58E-02 | | | | |
| 3708873761881 | 370887 | 3761881 | RESIDENT | 3.26E-02 | 5.70E-02 | 5.45E-02 | | | | |
| 3707573761886 | 370757 | 3761886 | RESIDENT | 2.08E-03 | 3.37E-03 | 3.22E-03 | | | | |
| 3707623761886 | 370762 | 3761886 | RESIDENT | 2.18E-03 | 3.58E-03 | 3.42E-03 | | | | |
| 3707673761886 | 370767 | 3761886 | RESIDENT | 2.30E-03 | 3.80E-03 | 3.64E-03 | | | | |
| 3707723761886 | 370772 | 3761886 | RESIDENT | 2.44E-03 | 4.05E-03 | 3.88E-03 | | | | |
| 3707773761886 | 370777 | 3761886 | RESIDENT | 2.59E-03 | 4.33E-03 | 4.14E-03 | | | | |
| 3707823761886 | 370782 | 3761886 | RESIDENT | 2.76E-03 | 4.64E-03 | 4.44E-03 | | | | |
| 3707873761886 | 370787 | 3761886 | RESIDENT | 2.94E-03 | 4.98E-03 | 4.77E-03 | | | | |
| 3707923761886 | 370792 | 3761886 | RESIDENT | 3.15E-03 | 5.37E-03 | 5.13E-03 | | | | |
| 3707973761886 | 370797 | 3761886 | RESIDENT | 3.39E-03 | 5.80E-03 | 5.54E-03 | | | | |
| 3708023761886 | 370802 | 3761886 | RESIDENT | 3.66E-03 | 6.28E-03 | 6.00E-03 | | | | |
| 3708073761886 | 370807 | 3761886 | RESIDENT | 3.96E-03 | 6.82E-03 | 6.52E-03 | | | | |
| 3708123761886 | 370812 | 3761886 | RESIDENT | 4.30E-03 | 7.43E-03 | 7.11E-03 | | | | |
| 3708173761886 | 370817 | 3761886 | RESIDENT | 4.69E-03 | 8.13E-03 | 7.77E-03 | | | | |
| 3708223761886 | 370822 | 3761886 | RESIDENT | 5.14E-03 | 8.92E-03 | 8.53E-03 | | | | |
| 3708273761886 | 370827 | 3761886 | RESIDENT | 5.65E-03 | 9.84E-03 | 9.40E-03 | | | | |
| 3708323761886 | 370832 | 3761886 | RESIDENT | 6.24E-03 | 1.09E-02 | 1.04E-02 | | | | |
| 3708373761886 | 370837 | 3761886 | RESIDENT | 6.93E-03 | 1.21E-02 | 1.16E-02 | | | | |
| 3708573761886 | 370857 | 3761886 | RESIDENT | 1.11E-02 | 1.95E-02 | 1.86E-02 | | | | |
| 3708623761886 | 370862 | 3761886 | RESIDENT | 1.27E-02 | 2.23E-02 | 2.14E-02 | | | | |
| 3708673761886 | 370867 | 3761886 | RESIDENT | 1.47E-02 | 2.58E-02 | 2.47E-02 | | | | |
| 3708723761886 | 370872 | 3761886 | RESIDENT | 1.71E-02 | 3.00E-02 | 2.87E-02 | | | | |
| 3708773761886 | 370877 | 3761886 | RESIDENT | 2.01E-02 | 3.52E-02 | 3.36E-02 | | | | |
| 3708823761886 | 370882 | 3761886 | RESIDENT | 2.38E-02 | 4.16E-02 | 3.97E-02 | | | | |
| 3708873761886 | 370887 | 3761886 | RESIDENT | 2.82E-02 | 4.93E-02 | 4.72E-02 | | | | |
| 3707623761891 | 370762 | 3761891 | RESIDENT | 2.10E-03 | 3.43E-03 | 3.29E-03 | | | | |
| 3707673761891 | 370767 | 3761891 | RESIDENT | 2.21E-03 | 3.65E-03 | 3.49E-03 | | | | |
| 3707723761891 | 370772 | 3761891 | RESIDENT | 2.34E-03 | 3.88E-03 | 3.72E-03 | | | | |
| 3707773761891 | 370777 | 3761891 | RESIDENT | 2.48E-03 | 4.14E-03 | 3.96E-03 | | | | |
| 3707823761891 | 370782 | 3761891 | RESIDENT | 2.63E-03 | 4.43E-03 | 4.24E-03 | | | | |
| 3707873761891 | 370787 | 3761891 | RESIDENT | 2.81E-03 | 4.75E-03 | 4.54E-03 | | | | |
| 3707923761891 | 370792 | 3761891 | RESIDENT | 3.00E-03 | 5.10E-03 | 4.88E-03 | | | | |
| 3707973761891 | 370797 | 3761891 | RESIDENT | 3.22E-03 | 5.49E-03 | 5.25E-03 | | | | |
| 3708023761891 | 370802 | 3761891 | RESIDENT | 3.46E-03 | 5.93E-03 | 5.67E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 Project Concentrations (ug/m$^3$) | Construction Year 2 Project Concentrations (ug/m$^3$) | Construction Year 3 Project Concentrations (ug/m$^3$) | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| 3708073761891 | 370807 | 3761891 | RESIDENT | 3.74E-03 | 6.43E-03 | 6.15E-03 | | | | |
| 3708123761891 | 370812 | 3761891 | RESIDENT | 4.05E-03 | 6.98E-03 | 6.68E-03 | | | | |
| 3708173761891 | 370817 | 3761891 | RESIDENT | 4.40E-03 | 7.61E-03 | 7.28E-03 | | | | |
| 3708223761891 | 370822 | 3761891 | RESIDENT | 4.80E-03 | 8.33E-03 | 7.96E-03 | | | | |
| 3708273761891 | 370827 | 3761891 | RESIDENT | 5.25E-03 | 9.14E-03 | 8.74E-03 | | | | |
| 3708323761891 | 370832 | 3761891 | RESIDENT | 5.78E-03 | 1.01E-02 | 9.63E-03 | | | | |
| 3708373761891 | 370837 | 3761891 | RESIDENT | 6.38E-03 | 1.11E-02 | 1.07E-02 | | | | |
| 3708423761891 | 370842 | 3761891 | RESIDENT | 7.08E-03 | 1.24E-02 | 1.18E-02 | | | | |
| 3708573761891 | 370857 | 3761891 | RESIDENT | 9.97E-03 | 1.75E-02 | 1.67E-02 | | | | |
| 3708623761891 | 370862 | 3761891 | RESIDENT | 1.13E-02 | 1.99E-02 | 1.90E-02 | | | | |
| 3708673761891 | 370867 | 3761891 | RESIDENT | 1.30E-02 | 2.28E-02 | 2.18E-02 | | | | |
| 3708723761891 | 370872 | 3761891 | RESIDENT | 1.50E-02 | 2.63E-02 | 2.52E-02 | | | | |
| 3708773761891 | 370877 | 3761891 | RESIDENT | 1.74E-02 | 3.06E-02 | 2.92E-02 | | | | |
| 3708823761891 | 370882 | 3761891 | RESIDENT | 2.05E-02 | 3.58E-02 | 3.43E-02 | | | | |
| 3708873761891 | 370887 | 3761891 | RESIDENT | 2.41E-02 | 4.22E-02 | 4.04E-02 | | | | |
| 3708923761891 | 370892 | 3761891 | RESIDENT | 2.84E-02 | 4.98E-02 | 4.76E-02 | | | | |
| 3707623761896 | 370762 | 3761896 | RESIDENT | 2.01E-03 | 3.29E-03 | 3.15E-03 | | | | |
| 3707673761896 | 370767 | 3761896 | RESIDENT | 2.12E-03 | 3.49E-03 | 3.34E-03 | | | | |
| 3707723761896 | 370772 | 3761896 | RESIDENT | 2.24E-03 | 3.71E-03 | 3.55E-03 | | | | |
| 3707773761896 | 370777 | 3761896 | RESIDENT | 2.37E-03 | 3.95E-03 | 3.78E-03 | | | | |
| 3707823761896 | 370782 | 3761896 | RESIDENT | 2.51E-03 | 4.22E-03 | 4.04E-03 | | | | |
| 3707873761896 | 370787 | 3761896 | RESIDENT | 2.67E-03 | 4.51E-03 | 4.32E-03 | | | | |
| 3707923761896 | 370792 | 3761896 | RESIDENT | 2.85E-03 | 4.84E-03 | 4.63E-03 | | | | |
| 3707973761896 | 370797 | 3761896 | RESIDENT | 3.05E-03 | 5.20E-03 | 4.97E-03 | | | | |
| 3708023761896 | 370802 | 3761896 | RESIDENT | 3.27E-03 | 5.60E-03 | 5.35E-03 | | | | |
| 3708073761896 | 370807 | 3761896 | RESIDENT | 3.52E-03 | 6.05E-03 | 5.78E-03 | | | | |
| 3708123761896 | 370812 | 3761896 | RESIDENT | 3.80E-03 | 6.55E-03 | 6.26E-03 | | | | |
| 3708173761896 | 370817 | 3761896 | RESIDENT | 4.11E-03 | 7.11E-03 | 6.80E-03 | | | | |
| 3708223761896 | 370822 | 3761896 | RESIDENT | 4.47E-03 | 7.75E-03 | 7.41E-03 | | | | |
| 3708273761896 | 370827 | 3761896 | RESIDENT | 4.87E-03 | 8.48E-03 | 8.10E-03 | | | | |
| 3708323761896 | 370832 | 3761896 | RESIDENT | 5.33E-03 | 9.30E-03 | 8.89E-03 | | | | |
| 3708373761896 | 370837 | 3761896 | RESIDENT | 5.86E-03 | 1.02E-02 | 9.79E-03 | | | | |
| 3708423761896 | 370842 | 3761896 | RESIDENT | 6.47E-03 | 1.13E-02 | 1.08E-02 | | | | |
| 3708623761896 | 370862 | 3761896 | RESIDENT | 1.01E-02 | 1.77E-02 | 1.69E-02 | | | | |
| 3708673761896 | 370867 | 3761896 | RESIDENT | 1.14E-02 | 2.01E-02 | 1.92E-02 | | | | |
| 3708723761896 | 370872 | 3761896 | RESIDENT | 1.31E-02 | 2.30E-02 | 2.20E-02 | | | | |
| 3708773761896 | 370877 | 3761896 | RESIDENT | 1.51E-02 | 2.65E-02 | 2.54E-02 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3708823761896 | 370882 | 3761896 | RESIDENT | 1.75E-02 | 3.08E-02 | 2.94E-02 | | | | |
| 3708873761896 | 370887 | 3761896 | RESIDENT | 2.05E-02 | 3.60E-02 | 3.44E-02 | | | | |
| 3708923761896 | 370892 | 3761896 | RESIDENT | 2.40E-02 | 4.21E-02 | 4.03E-02 | | | | |
| 3708973761896 | 370897 | 3761896 | RESIDENT | 2.81E-02 | 4.93E-02 | 4.71E-02 | | | | |
| 3707673761901 | 370767 | 3761901 | RESIDENT | 2.03E-03 | 3.34E-03 | 3.20E-03 | | | | |
| 3707723761901 | 370772 | 3761901 | RESIDENT | 2.14E-03 | 3.54E-03 | 3.39E-03 | | | | |
| 3707773761901 | 370777 | 3761901 | RESIDENT | 2.26E-03 | 3.77E-03 | 3.60E-03 | | | | |
| 3707823761901 | 370782 | 3761901 | RESIDENT | 2.39E-03 | 4.01E-03 | 3.84E-03 | | | | |
| 3707873761901 | 370787 | 3761901 | RESIDENT | 2.53E-03 | 4.28E-03 | 4.09E-03 | | | | |
| 3707923761901 | 370792 | 3761901 | RESIDENT | 2.70E-03 | 4.58E-03 | 4.38E-03 | | | | |
| 3707973761901 | 370797 | 3761901 | RESIDENT | 2.88E-03 | 4.91E-03 | 4.69E-03 | | | | |
| 3708023761901 | 370802 | 3761901 | RESIDENT | 3.08E-03 | 5.27E-03 | 5.04E-03 | | | | |
| 3708073761901 | 370807 | 3761901 | RESIDENT | 3.31E-03 | 5.68E-03 | 5.43E-03 | | | | |
| 3708123761901 | 370812 | 3761901 | RESIDENT | 3.56E-03 | 6.13E-03 | 5.86E-03 | | | | |
| 3708173761901 | 370817 | 3761901 | RESIDENT | 3.84E-03 | 6.64E-03 | 6.35E-03 | | | | |
| 3708223761901 | 370822 | 3761901 | RESIDENT | 4.16E-03 | 7.20E-03 | 6.89E-03 | | | | |
| 3708273761901 | 370827 | 3761901 | RESIDENT | 4.51E-03 | 7.84E-03 | 7.50E-03 | | | | |
| 3708323761901 | 370832 | 3761901 | RESIDENT | 4.92E-03 | 8.57E-03 | 8.19E-03 | | | | |
| 3708373761901 | 370837 | 3761901 | RESIDENT | 5.38E-03 | 9.39E-03 | 8.97E-03 | | | | |
| 3708423761901 | 370842 | 3761901 | RESIDENT | 5.90E-03 | 1.03E-02 | 9.87E-03 | | | | |
| 3708473761901 | 370847 | 3761901 | RESIDENT | 6.51E-03 | 1.14E-02 | 1.09E-02 | | | | |
| 3708673761901 | 370867 | 3761901 | RESIDENT | 1.01E-02 | 1.77E-02 | 1.70E-02 | | | | |
| 3708723761901 | 370872 | 3761901 | RESIDENT | 1.15E-02 | 2.02E-02 | 1.93E-02 | | | | |
| 3708773761901 | 370877 | 3761901 | RESIDENT | 1.31E-02 | 2.30E-02 | 2.20E-02 | | | | |
| 3708823761901 | 370882 | 3761901 | RESIDENT | 1.51E-02 | 2.65E-02 | 2.53E-02 | | | | |
| 3708873761901 | 370887 | 3761901 | RESIDENT | 1.74E-02 | 3.06E-02 | 2.93E-02 | | | | |
| 3708923761901 | 370892 | 3761901 | RESIDENT | 2.03E-02 | 3.56E-02 | 3.40E-02 | | | | |
| 3708973761901 | 370897 | 3761901 | RESIDENT | 2.36E-02 | 4.15E-02 | 3.97E-02 | | | | |
| 3707723761906 | 370772 | 3761906 | RESIDENT | 2.04E-03 | 3.38E-03 | 3.23E-03 | | | | |
| 3707773761906 | 370777 | 3761906 | RESIDENT | 2.15E-03 | 3.58E-03 | 3.43E-03 | | | | |
| 3707823761906 | 370782 | 3761906 | RESIDENT | 2.27E-03 | 3.81E-03 | 3.64E-03 | | | | |
| 3707873761906 | 370787 | 3761906 | RESIDENT | 2.40E-03 | 4.06E-03 | 3.88E-03 | | | | |
| 3707923761906 | 370792 | 3761906 | RESIDENT | 2.55E-03 | 4.33E-03 | 4.14E-03 | | | | |
| 3707973761906 | 370797 | 3761906 | RESIDENT | 2.72E-03 | 4.63E-03 | 4.43E-03 | | | | |
| 3708023761906 | 370802 | 3761906 | RESIDENT | 2.90E-03 | 4.96E-03 | 4.74E-03 | | | | |
| 3708073761906 | 370807 | 3761906 | RESIDENT | 3.10E-03 | 5.32E-03 | 5.09E-03 | | | | |
| 3708123761906 | 370812 | 3761906 | RESIDENT | 3.33E-03 | 5.73E-03 | 5.48E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3708173761906 | 370817 | 3761906 | RESIDENT | 3.58E-03 | 6.18E-03 | 5.91E-03 | | | | |
| 3708223761906 | 370822 | 3761906 | RESIDENT | 3.86E-03 | 6.69E-03 | 6.39E-03 | | | | |
| 3708273761906 | 370827 | 3761906 | RESIDENT | 4.18E-03 | 7.25E-03 | 6.93E-03 | | | | |
| 3708323761906 | 370832 | 3761906 | RESIDENT | 4.53E-03 | 7.88E-03 | 7.54E-03 | | | | |
| 3708373761906 | 370837 | 3761906 | RESIDENT | 4.93E-03 | 8.60E-03 | 8.22E-03 | | | | |
| 3708423761906 | 370842 | 3761906 | RESIDENT | 5.39E-03 | 9.41E-03 | 8.99E-03 | | | | |
| 3708473761906 | 370847 | 3761906 | RESIDENT | 5.90E-03 | 1.03E-02 | 9.88E-03 | | | | |
| 3708523761906 | 370852 | 3761906 | RESIDENT | 6.50E-03 | 1.14E-02 | 1.09E-02 | | | | |
| 3708723761906 | 370872 | 3761906 | RESIDENT | 1.00E-02 | 1.77E-02 | 1.69E-02 | | | | |
| 3708773761906 | 370877 | 3761906 | RESIDENT | 1.14E-02 | 2.00E-02 | 1.91E-02 | | | | |
| 3708823761906 | 370882 | 3761906 | RESIDENT | 1.30E-02 | 2.28E-02 | 2.18E-02 | | | | |
| 3708873761906 | 370887 | 3761906 | RESIDENT | 1.49E-02 | 2.62E-02 | 2.50E-02 | | | | |
| 3708923761906 | 370892 | 3761906 | RESIDENT | 1.72E-02 | 3.02E-02 | 2.89E-02 | | | | |
| 3708973761906 | 370897 | 3761906 | RESIDENT | 1.99E-02 | 3.50E-02 | 3.34E-02 | | | | |
| 3709023761906 | 370902 | 3761906 | RESIDENT | 2.31E-02 | 4.07E-02 | 3.89E-02 | | | | |
| 3707773761911 | 370777 | 3761911 | RESIDENT | 2.04E-03 | 3.41E-03 | 3.26E-03 | | | | |
| 3707823761911 | 370782 | 3761911 | RESIDENT | 2.16E-03 | 3.61E-03 | 3.46E-03 | | | | |
| 3707873761911 | 370787 | 3761911 | RESIDENT | 2.28E-03 | 3.84E-03 | 3.67E-03 | | | | |
| 3707923761911 | 370792 | 3761911 | RESIDENT | 2.41E-03 | 4.09E-03 | 3.91E-03 | | | | |
| 3707973761911 | 370797 | 3761911 | RESIDENT | 2.56E-03 | 4.36E-03 | 4.17E-03 | | | | |
| 3708023761911 | 370802 | 3761911 | RESIDENT | 2.73E-03 | 4.66E-03 | 4.45E-03 | | | | |
| 3708073761911 | 370807 | 3761911 | RESIDENT | 2.91E-03 | 4.99E-03 | 4.77E-03 | | | | |
| 3708123761911 | 370812 | 3761911 | RESIDENT | 3.11E-03 | 5.35E-03 | 5.12E-03 | | | | |
| 3708173761911 | 370817 | 3761911 | RESIDENT | 3.34E-03 | 5.75E-03 | 5.50E-03 | | | | |
| 3708223761911 | 370822 | 3761911 | RESIDENT | 3.58E-03 | 6.20E-03 | 5.93E-03 | | | | |
| 3708273761911 | 370827 | 3761911 | RESIDENT | 3.86E-03 | 6.70E-03 | 6.40E-03 | | | | |
| 3708323761911 | 370832 | 3761911 | RESIDENT | 4.17E-03 | 7.25E-03 | 6.93E-03 | | | | |
| 3708373761911 | 370837 | 3761911 | RESIDENT | 4.52E-03 | 7.88E-03 | 7.53E-03 | | | | |
| 3708423761911 | 370842 | 3761911 | RESIDENT | 4.91E-03 | 8.58E-03 | 8.20E-03 | | | | |
| 3708473761911 | 370847 | 3761911 | RESIDENT | 5.36E-03 | 9.37E-03 | 8.96E-03 | | | | |
| 3708523761911 | 370852 | 3761911 | RESIDENT | 5.87E-03 | 1.03E-02 | 9.82E-03 | | | | |
| 3708573761911 | 370857 | 3761911 | RESIDENT | 6.45E-03 | 1.13E-02 | 1.08E-02 | | | | |
| 3708723761911 | 370872 | 3761911 | RESIDENT | 8.83E-03 | 1.55E-02 | 1.48E-02 | | | | |
| 3708773761911 | 370877 | 3761911 | RESIDENT | 9.92E-03 | 1.75E-02 | 1.67E-02 | | | | |
| 3708823761911 | 370882 | 3761911 | RESIDENT | 1.12E-02 | 1.98E-02 | 1.89E-02 | | | | |
| 3708873761911 | 370887 | 3761911 | RESIDENT | 1.28E-02 | 2.25E-02 | 2.15E-02 | | | | |
| 3708923761911 | 370892 | 3761911 | RESIDENT | 1.46E-02 | 2.57E-02 | 2.46E-02 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3708973761911 | 370897 | 3761911 | RESIDENT | 1.68E-02 | 2.96E-02 | 2.83E-02 | | | | |
| 3709023761911 | 370902 | 3761911 | RESIDENT | 1.94E-02 | 3.42E-02 | 3.27E-02 | | | | |
| 3709073761911 | 370907 | 3761911 | RESIDENT | 2.25E-02 | 3.97E-02 | 3.80E-02 | | | | |
| 3707773761916 | 370777 | 3761916 | RESIDENT | 1.94E-03 | 3.23E-03 | 3.09E-03 | | | | |
| 3707823761916 | 370782 | 3761916 | RESIDENT | 2.05E-03 | 3.42E-03 | 3.27E-03 | | | | |
| 3707873761916 | 370787 | 3761916 | RESIDENT | 2.16E-03 | 3.63E-03 | 3.47E-03 | | | | |
| 3707923761916 | 370792 | 3761916 | RESIDENT | 2.28E-03 | 3.86E-03 | 3.69E-03 | | | | |
| 3707973761916 | 370797 | 3761916 | RESIDENT | 2.42E-03 | 4.10E-03 | 3.92E-03 | | | | |
| 3708023761916 | 370802 | 3761916 | RESIDENT | 2.56E-03 | 4.37E-03 | 4.18E-03 | | | | |
| 3708073761916 | 370807 | 3761916 | RESIDENT | 2.73E-03 | 4.67E-03 | 4.46E-03 | | | | |
| 3708123761916 | 370812 | 3761916 | RESIDENT | 2.91E-03 | 4.99E-03 | 4.78E-03 | | | | |
| 3708173761916 | 370817 | 3761916 | RESIDENT | 3.11E-03 | 5.35E-03 | 5.12E-03 | | | | |
| 3708223761916 | 370822 | 3761916 | RESIDENT | 3.33E-03 | 5.75E-03 | 5.50E-03 | | | | |
| 3708273761916 | 370827 | 3761916 | RESIDENT | 3.57E-03 | 6.19E-03 | 5.92E-03 | | | | |
| 3708323761916 | 370832 | 3761916 | RESIDENT | 3.84E-03 | 6.68E-03 | 6.38E-03 | | | | |
| 3708373761916 | 370837 | 3761916 | RESIDENT | 4.15E-03 | 7.22E-03 | 6.90E-03 | | | | |
| 3708423761916 | 370842 | 3761916 | RESIDENT | 4.49E-03 | 7.83E-03 | 7.48E-03 | | | | |
| 3708473761916 | 370847 | 3761916 | RESIDENT | 4.87E-03 | 8.51E-03 | 8.13E-03 | | | | |
| 3708523761916 | 370852 | 3761916 | RESIDENT | 5.31E-03 | 9.28E-03 | 8.87E-03 | | | | |
| 3708573761916 | 370857 | 3761916 | RESIDENT | 5.80E-03 | 1.02E-02 | 9.72E-03 | | | | |
| 3708773761916 | 370877 | 3761916 | RESIDENT | 8.70E-03 | 1.53E-02 | 1.46E-02 | | | | |
| 3708823761916 | 370882 | 3761916 | RESIDENT | 9.77E-03 | 1.72E-02 | 1.64E-02 | | | | |
| 3708873761916 | 370887 | 3761916 | RESIDENT | 1.10E-02 | 1.94E-02 | 1.86E-02 | | | | |
| 3708923761916 | 370892 | 3761916 | RESIDENT | 1.25E-02 | 2.21E-02 | 2.11E-02 | | | | |
| 3708973761916 | 370897 | 3761916 | RESIDENT | 1.43E-02 | 2.53E-02 | 2.41E-02 | | | | |
| 3709023761916 | 370902 | 3761916 | RESIDENT | 1.64E-02 | 2.90E-02 | 2.77E-02 | | | | |
| 3709073761916 | 370907 | 3761916 | RESIDENT | 1.89E-02 | 3.34E-02 | 3.19E-02 | | | | |
| 3709123761916 | 370912 | 3761916 | RESIDENT | 2.17E-02 | 3.85E-02 | 3.68E-02 | | | | |
| 3707823761921 | 370782 | 3761921 | RESIDENT | 1.94E-03 | 3.24E-03 | 3.10E-03 | | | | |
| 3707873761921 | 370787 | 3761921 | RESIDENT | 2.04E-03 | 3.43E-03 | 3.28E-03 | | | | |
| 3707923761921 | 370792 | 3761921 | RESIDENT | 2.15E-03 | 3.64E-03 | 3.48E-03 | | | | |
| 3707973761921 | 370797 | 3761921 | RESIDENT | 2.28E-03 | 3.86E-03 | 3.69E-03 | | | | |
| 3708023761921 | 370802 | 3761921 | RESIDENT | 2.41E-03 | 4.10E-03 | 3.92E-03 | | | | |
| 3708073761921 | 370807 | 3761921 | RESIDENT | 2.56E-03 | 4.37E-03 | 4.18E-03 | | | | |
| 3708123761921 | 370812 | 3761921 | RESIDENT | 2.72E-03 | 4.66E-03 | 4.46E-03 | | | | |
| 3708173761921 | 370817 | 3761921 | RESIDENT | 2.89E-03 | 4.98E-03 | 4.76E-03 | | | | |
| 3708223761921 | 370822 | 3761921 | RESIDENT | 3.09E-03 | 5.33E-03 | 5.10E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3708273761921 | 370827 | 3761921 | RESIDENT | 3.30E-03 | 5.72E-03 | 5.47E-03 | | | | |
| 3708323761921 | 370832 | 3761921 | RESIDENT | 3.54E-03 | 6.15E-03 | 5.88E-03 | | | | |
| 3708373761921 | 370837 | 3761921 | RESIDENT | 3.81E-03 | 6.62E-03 | 6.33E-03 | | | | |
| 3708423761921 | 370842 | 3761921 | RESIDENT | 4.10E-03 | 7.15E-03 | 6.83E-03 | | | | |
| 3708473761921 | 370847 | 3761921 | RESIDENT | 4.43E-03 | 7.74E-03 | 7.40E-03 | | | | |
| 3708523761921 | 370852 | 3761921 | RESIDENT | 4.81E-03 | 8.40E-03 | 8.03E-03 | | | | |
| 3708573761921 | 370857 | 3761921 | RESIDENT | 5.23E-03 | 9.16E-03 | 8.75E-03 | | | | |
| 3708623761921 | 370862 | 3761921 | RESIDENT | 5.71E-03 | 1.00E-02 | 9.57E-03 | | | | |
| 3708823761921 | 370882 | 3761921 | RESIDENT | 8.55E-03 | 1.51E-02 | 1.44E-02 | | | | |
| 3708873761921 | 370887 | 3761921 | RESIDENT | 9.60E-03 | 1.69E-02 | 1.62E-02 | | | | |
| 3708923761921 | 370892 | 3761921 | RESIDENT | 1.08E-02 | 1.91E-02 | 1.83E-02 | | | | |
| 3708973761921 | 370897 | 3761921 | RESIDENT | 1.23E-02 | 2.17E-02 | 2.07E-02 | | | | |
| 3709023761921 | 370902 | 3761921 | RESIDENT | 1.40E-02 | 2.47E-02 | 2.36E-02 | | | | |
| 3709073761921 | 370907 | 3761921 | RESIDENT | 1.60E-02 | 2.83E-02 | 2.70E-02 | | | | |
| 3709123761921 | 370912 | 3761921 | RESIDENT | 1.82E-02 | 3.23E-02 | 3.08E-02 | | | | |
| 3707873761926 | 370787 | 3761926 | RESIDENT | 1.93E-03 | 3.24E-03 | 3.10E-03 | | | | |
| 3707923761926 | 370792 | 3761926 | RESIDENT | 2.03E-03 | 3.43E-03 | 3.28E-03 | | | | |
| 3707973761926 | 370797 | 3761926 | RESIDENT | 2.14E-03 | 3.63E-03 | 3.47E-03 | | | | |
| 3708023761926 | 370802 | 3761926 | RESIDENT | 2.26E-03 | 3.85E-03 | 3.68E-03 | | | | |
| 3708073761926 | 370807 | 3761926 | RESIDENT | 2.40E-03 | 4.09E-03 | 3.91E-03 | | | | |
| 3708123761926 | 370812 | 3761926 | RESIDENT | 2.54E-03 | 4.35E-03 | 4.16E-03 | | | | |
| 3708173761926 | 370817 | 3761926 | RESIDENT | 2.70E-03 | 4.63E-03 | 4.43E-03 | | | | |
| 3708223761926 | 370822 | 3761926 | RESIDENT | 2.87E-03 | 4.95E-03 | 4.73E-03 | | | | |
| 3708273761926 | 370827 | 3761926 | RESIDENT | 3.06E-03 | 5.29E-03 | 5.06E-03 | | | | |
| 3708323761926 | 370832 | 3761926 | RESIDENT | 3.27E-03 | 5.66E-03 | 5.42E-03 | | | | |
| 3708373761926 | 370837 | 3761926 | RESIDENT | 3.50E-03 | 6.08E-03 | 5.81E-03 | | | | |
| 3708423761926 | 370842 | 3761926 | RESIDENT | 3.76E-03 | 6.54E-03 | 6.25E-03 | | | | |
| 3708473761926 | 370847 | 3761926 | RESIDENT | 4.04E-03 | 7.05E-03 | 6.74E-03 | | | | |
| 3708523761926 | 370852 | 3761926 | RESIDENT | 4.37E-03 | 7.63E-03 | 7.29E-03 | | | | |
| 3708573761926 | 370857 | 3761926 | RESIDENT | 4.73E-03 | 8.27E-03 | 7.91E-03 | | | | |
| 3708623761926 | 370862 | 3761926 | RESIDENT | 5.14E-03 | 9.01E-03 | 8.61E-03 | | | | |
| 3708673761926 | 370867 | 3761926 | RESIDENT | 5.62E-03 | 9.85E-03 | 9.41E-03 | | | | |
| 3708823761926 | 370882 | 3761926 | RESIDENT | 7.54E-03 | 1.33E-02 | 1.27E-02 | | | | |
| 3708873761926 | 370887 | 3761926 | RESIDENT | 8.41E-03 | 1.48E-02 | 1.41E-02 | | | | |
| 3708923761926 | 370892 | 3761926 | RESIDENT | 9.44E-03 | 1.66E-02 | 1.59E-02 | | | | |
| 3708973761926 | 370897 | 3761926 | RESIDENT | 1.06E-02 | 1.88E-02 | 1.79E-02 | | | | |
| 3709023761926 | 370902 | 3761926 | RESIDENT | 1.20E-02 | 2.12E-02 | 2.03E-02 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3709073761926 | 370907 | 3761926 | RESIDENT | 1.36E-02 | 2.41E-02 | 2.30E-02 | | | | |
| 3709123761926 | 370912 | 3761926 | RESIDENT | 1.54E-02 | 2.73E-02 | 2.61E-02 | | | | |
| 3709173761926 | 370917 | 3761926 | RESIDENT | 1.73E-02 | 3.07E-02 | 2.93E-02 | | | | |
| 3707923761931 | 370792 | 3761931 | RESIDENT | 1.92E-03 | 3.23E-03 | 3.09E-03 | | | | |
| 3707973761931 | 370797 | 3761931 | RESIDENT | 2.02E-03 | 3.41E-03 | 3.27E-03 | | | | |
| 3708023761931 | 370802 | 3761931 | RESIDENT | 2.13E-03 | 3.61E-03 | 3.46E-03 | | | | |
| 3708073761931 | 370807 | 3761931 | RESIDENT | 2.25E-03 | 3.83E-03 | 3.66E-03 | | | | |
| 3708123761931 | 370812 | 3761931 | RESIDENT | 2.37E-03 | 4.06E-03 | 3.88E-03 | | | | |
| 3708173761931 | 370817 | 3761931 | RESIDENT | 2.51E-03 | 4.32E-03 | 4.13E-03 | | | | |
| 3708223761931 | 370822 | 3761931 | RESIDENT | 2.67E-03 | 4.59E-03 | 4.39E-03 | | | | |
| 3708273761931 | 370827 | 3761931 | RESIDENT | 2.84E-03 | 4.89E-03 | 4.68E-03 | | | | |
| 3708323761931 | 370832 | 3761931 | RESIDENT | 3.02E-03 | 5.23E-03 | 5.00E-03 | | | | |
| 3708373761931 | 370837 | 3761931 | RESIDENT | 3.22E-03 | 5.59E-03 | 5.35E-03 | | | | |
| 3708423761931 | 370842 | 3761931 | RESIDENT | 3.45E-03 | 5.99E-03 | 5.73E-03 | | | | |
| 3708473761931 | 370847 | 3761931 | RESIDENT | 3.70E-03 | 6.44E-03 | 6.16E-03 | | | | |
| 3708523761931 | 370852 | 3761931 | RESIDENT | 3.98E-03 | 6.94E-03 | 6.63E-03 | | | | |
| 3708573761931 | 370857 | 3761931 | RESIDENT | 4.29E-03 | 7.50E-03 | 7.17E-03 | | | | |
| 3708623761931 | 370862 | 3761931 | RESIDENT | 4.64E-03 | 8.13E-03 | 7.77E-03 | | | | |
| 3708673761931 | 370867 | 3761931 | RESIDENT | 5.05E-03 | 8.85E-03 | 8.46E-03 | | | | |
| 3708873761931 | 370887 | 3761931 | RESIDENT | 7.41E-03 | 1.30E-02 | 1.25E-02 | | | | |
| 3708923761931 | 370892 | 3761931 | RESIDENT | 8.27E-03 | 1.46E-02 | 1.39E-02 | | | | |
| 3708973761931 | 370897 | 3761931 | RESIDENT | 9.26E-03 | 1.63E-02 | 1.56E-02 | | | | |
| 3709023761931 | 370902 | 3761931 | RESIDENT | 1.04E-02 | 1.84E-02 | 1.76E-02 | | | | |
| 3709073761931 | 370907 | 3761931 | RESIDENT | 1.17E-02 | 2.07E-02 | 1.98E-02 | | | | |
| 3709123761931 | 370912 | 3761931 | RESIDENT | 1.32E-02 | 2.33E-02 | 2.23E-02 | | | | |
| 3709173761931 | 370917 | 3761931 | RESIDENT | 1.47E-02 | 2.60E-02 | 2.49E-02 | | | | |
| 3709223761931 | 370922 | 3761931 | RESIDENT | 1.62E-02 | 2.87E-02 | 2.75E-02 | | | | |
| 3707923761936 | 370792 | 3761936 | RESIDENT | 1.81E-03 | 3.05E-03 | 2.91E-03 | | | | |
| 3707973761936 | 370797 | 3761936 | RESIDENT | 1.90E-03 | 3.21E-03 | 3.07E-03 | | | | |
| 3708023761936 | 370802 | 3761936 | RESIDENT | 2.00E-03 | 3.39E-03 | 3.24E-03 | | | | |
| 3708073761936 | 370807 | 3761936 | RESIDENT | 2.11E-03 | 3.58E-03 | 3.43E-03 | | | | |
| 3708123761936 | 370812 | 3761936 | RESIDENT | 2.22E-03 | 3.79E-03 | 3.63E-03 | | | | |
| 3708173761936 | 370817 | 3761936 | RESIDENT | 2.35E-03 | 4.02E-03 | 3.84E-03 | | | | |
| 3708223761936 | 370822 | 3761936 | RESIDENT | 2.48E-03 | 4.27E-03 | 4.08E-03 | | | | |
| 3708273761936 | 370827 | 3761936 | RESIDENT | 2.63E-03 | 4.54E-03 | 4.34E-03 | | | | |
| 3708323761936 | 370832 | 3761936 | RESIDENT | 2.79E-03 | 4.83E-03 | 4.62E-03 | | | | |
| 3708373761936 | 370837 | 3761936 | RESIDENT | 2.97E-03 | 5.15E-03 | 4.92E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3708423761936 | 370842 | 3761936 | RESIDENT | 3.17E-03 | 5.50E-03 | 5.26E-03 | | | | |
| 3708473761936 | 370847 | 3761936 | RESIDENT | 3.39E-03 | 5.89E-03 | 5.64E-03 | | | | |
| 3708523761936 | 370852 | 3761936 | RESIDENT | 3.63E-03 | 6.33E-03 | 6.05E-03 | | | | |
| 3708573761936 | 370857 | 3761936 | RESIDENT | 3.90E-03 | 6.81E-03 | 6.51E-03 | | | | |
| 3708623761936 | 370862 | 3761936 | RESIDENT | 4.21E-03 | 7.36E-03 | 7.04E-03 | | | | |
| 3708673761936 | 370867 | 3761936 | RESIDENT | 4.56E-03 | 7.98E-03 | 7.63E-03 | | | | |
| 3708723761936 | 370872 | 3761936 | RESIDENT | 4.96E-03 | 8.69E-03 | 8.31E-03 | | | | |
| 3708923761936 | 370892 | 3761936 | RESIDENT | 7.29E-03 | 1.28E-02 | 1.23E-02 | | | | |
| 3708973761936 | 370897 | 3761936 | RESIDENT | 8.12E-03 | 1.43E-02 | 1.37E-02 | | | | |
| 3709023761936 | 370902 | 3761936 | RESIDENT | 9.08E-03 | 1.60E-02 | 1.53E-02 | | | | |
| 3709073761936 | 370907 | 3761936 | RESIDENT | 1.01E-02 | 1.79E-02 | 1.71E-02 | | | | |
| 3709123761936 | 370912 | 3761936 | RESIDENT | 1.13E-02 | 2.00E-02 | 1.92E-02 | | | | |
| 3709173761936 | 370917 | 3761936 | RESIDENT | 1.26E-02 | 2.23E-02 | 2.13E-02 | | | | |
| 3709223761936 | 370922 | 3761936 | RESIDENT | 1.38E-02 | 2.45E-02 | 2.34E-02 | | | | |
| 3709273761936 | 370927 | 3761936 | RESIDENT | 1.50E-02 | 2.66E-02 | 2.55E-02 | | | | |
| 3707973761941 | 370797 | 3761941 | RESIDENT | 1.79E-03 | 3.02E-03 | 2.89E-03 | | | | |
| 3708023761941 | 370802 | 3761941 | RESIDENT | 1.88E-03 | 3.18E-03 | 3.05E-03 | | | | |
| 3708073761941 | 370807 | 3761941 | RESIDENT | 1.98E-03 | 3.36E-03 | 3.21E-03 | | | | |
| 3708123761941 | 370812 | 3761941 | RESIDENT | 2.08E-03 | 3.55E-03 | 3.39E-03 | | | | |
| 3708173761941 | 370817 | 3761941 | RESIDENT | 2.19E-03 | 3.75E-03 | 3.59E-03 | | | | |
| 3708223761941 | 370822 | 3761941 | RESIDENT | 2.31E-03 | 3.97E-03 | 3.80E-03 | | | | |
| 3708273761941 | 370827 | 3761941 | RESIDENT | 2.45E-03 | 4.21E-03 | 4.02E-03 | | | | |
| 3708323761941 | 370832 | 3761941 | RESIDENT | 2.59E-03 | 4.47E-03 | 4.27E-03 | | | | |
| 3708373761941 | 370837 | 3761941 | RESIDENT | 2.75E-03 | 4.75E-03 | 4.54E-03 | | | | |
| 3708423761941 | 370842 | 3761941 | RESIDENT | 2.92E-03 | 5.06E-03 | 4.84E-03 | | | | |
| 3708473761941 | 370847 | 3761941 | RESIDENT | 3.11E-03 | 5.41E-03 | 5.17E-03 | | | | |
| 3708523761941 | 370852 | 3761941 | RESIDENT | 3.33E-03 | 5.79E-03 | 5.53E-03 | | | | |
| 3708573761941 | 370857 | 3761941 | RESIDENT | 3.56E-03 | 6.21E-03 | 5.94E-03 | | | | |
| 3708623761941 | 370862 | 3761941 | RESIDENT | 3.83E-03 | 6.69E-03 | 6.40E-03 | | | | |
| 3708673761941 | 370867 | 3761941 | RESIDENT | 4.13E-03 | 7.23E-03 | 6.91E-03 | | | | |
| 3708723761941 | 370872 | 3761941 | RESIDENT | 4.48E-03 | 7.84E-03 | 7.50E-03 | | | | |
| 3708773761941 | 370877 | 3761941 | RESIDENT | 4.87E-03 | 8.55E-03 | 8.17E-03 | | | | |
| 3708973761941 | 370897 | 3761941 | RESIDENT | 7.17E-03 | 1.26E-02 | 1.21E-02 | | | | |
| 3709023761941 | 370902 | 3761941 | RESIDENT | 7.97E-03 | 1.41E-02 | 1.34E-02 | | | | |
| 3709073761941 | 370907 | 3761941 | RESIDENT | 8.86E-03 | 1.56E-02 | 1.50E-02 | | | | |
| 3709123761941 | 370912 | 3761941 | RESIDENT | 9.83E-03 | 1.74E-02 | 1.66E-02 | | | | |
| 3709173761941 | 370917 | 3761941 | RESIDENT | 1.09E-02 | 1.92E-02 | 1.84E-02 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3709223761941 | 370922 | 3761941 | RESIDENT | 1.19E-02 | 2.11E-02 | 2.02E-02 | | | | |
| 3709273761941 | 370927 | 3761941 | RESIDENT | 1.29E-02 | 2.29E-02 | 2.19E-02 | | | | |
| 3709323761941 | 370932 | 3761941 | RESIDENT | 1.38E-02 | 2.46E-02 | 2.35E-02 | | | | |
| 3708023761946 | 370802 | 3761946 | RESIDENT | 1.77E-03 | 2.99E-03 | 2.86E-03 | | | | |
| 3708073761946 | 370807 | 3761946 | RESIDENT | 1.86E-03 | 3.15E-03 | 3.01E-03 | | | | |
| 3708123761946 | 370812 | 3761946 | RESIDENT | 1.95E-03 | 3.32E-03 | 3.17E-03 | | | | |
| 3708173761946 | 370817 | 3761946 | RESIDENT | 2.05E-03 | 3.50E-03 | 3.35E-03 | | | | |
| 3708223761946 | 370822 | 3761946 | RESIDENT | 2.16E-03 | 3.70E-03 | 3.54E-03 | | | | |
| 3708273761946 | 370827 | 3761946 | RESIDENT | 2.28E-03 | 3.91E-03 | 3.74E-03 | | | | |
| 3708323761946 | 370832 | 3761946 | RESIDENT | 2.40E-03 | 4.14E-03 | 3.96E-03 | | | | |
| 3708373761946 | 370837 | 3761946 | RESIDENT | 2.54E-03 | 4.39E-03 | 4.20E-03 | | | | |
| 3708423761946 | 370842 | 3761946 | RESIDENT | 2.70E-03 | 4.67E-03 | 4.47E-03 | | | | |
| 3708473761946 | 370847 | 3761946 | RESIDENT | 2.87E-03 | 4.97E-03 | 4.76E-03 | | | | |
| 3708523761946 | 370852 | 3761946 | RESIDENT | 3.05E-03 | 5.31E-03 | 5.08E-03 | | | | |
| 3708573761946 | 370857 | 3761946 | RESIDENT | 3.26E-03 | 5.68E-03 | 5.43E-03 | | | | |
| 3708623761946 | 370862 | 3761946 | RESIDENT | 3.50E-03 | 6.10E-03 | 5.83E-03 | | | | |
| 3708673761946 | 370867 | 3761946 | RESIDENT | 3.76E-03 | 6.57E-03 | 6.28E-03 | | | | |
| 3708723761946 | 370872 | 3761946 | RESIDENT | 4.06E-03 | 7.11E-03 | 6.79E-03 | | | | |
| 3708773761946 | 370877 | 3761946 | RESIDENT | 4.40E-03 | 7.72E-03 | 7.38E-03 | | | | |
| 3708823761946 | 370882 | 3761946 | RESIDENT | 4.80E-03 | 8.42E-03 | 8.05E-03 | | | | |
| 3708973761946 | 370897 | 3761946 | RESIDENT | 6.36E-03 | 1.12E-02 | 1.07E-02 | | | | |
| 3709023761946 | 370902 | 3761946 | RESIDENT | 7.04E-03 | 1.24E-02 | 1.19E-02 | | | | |
| 3709073761946 | 370907 | 3761946 | RESIDENT | 7.78E-03 | 1.37E-02 | 1.31E-02 | | | | |
| 3709123761946 | 370912 | 3761946 | RESIDENT | 8.59E-03 | 1.52E-02 | 1.45E-02 | | | | |
| 3709173761946 | 370917 | 3761946 | RESIDENT | 9.45E-03 | 1.67E-02 | 1.60E-02 | | | | |
| 3709223761946 | 370922 | 3761946 | RESIDENT | 1.03E-02 | 1.83E-02 | 1.75E-02 | | | | |
| 3709273761946 | 370927 | 3761946 | RESIDENT | 1.12E-02 | 1.99E-02 | 1.90E-02 | | | | |
| 3709323761946 | 370932 | 3761946 | RESIDENT | 1.20E-02 | 2.13E-02 | 2.03E-02 | | | | |
| 3709373761946 | 370937 | 3761946 | RESIDENT | 1.27E-02 | 2.26E-02 | 2.16E-02 | | | | |
| 3708073761951 | 370807 | 3761951 | RESIDENT | 1.75E-03 | 2.96E-03 | 2.83E-03 | | | | |
| 3708123761951 | 370812 | 3761951 | RESIDENT | 1.83E-03 | 3.11E-03 | 2.97E-03 | | | | |
| 3708173761951 | 370817 | 3761951 | RESIDENT | 1.92E-03 | 3.27E-03 | 3.13E-03 | | | | |
| 3708223761951 | 370822 | 3761951 | RESIDENT | 2.02E-03 | 3.45E-03 | 3.30E-03 | | | | |
| 3708273761951 | 370827 | 3761951 | RESIDENT | 2.12E-03 | 3.64E-03 | 3.48E-03 | | | | |
| 3708323761951 | 370832 | 3761951 | RESIDENT | 2.24E-03 | 3.85E-03 | 3.68E-03 | | | | |
| 3708373761951 | 370837 | 3761951 | RESIDENT | 2.36E-03 | 4.07E-03 | 3.89E-03 | | | | |
| 3708423761951 | 370842 | 3761951 | RESIDENT | 2.50E-03 | 4.32E-03 | 4.13E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3708473761951 | 370847 | 3761951 | RESIDENT | 2.65E-03 | 4.59E-03 | 4.38E-03 | | | | |
| 3708523761951 | 370852 | 3761951 | RESIDENT | 2.81E-03 | 4.88E-03 | 4.67E-03 | | | | |
| 3708573761951 | 370857 | 3761951 | RESIDENT | 3.00E-03 | 5.21E-03 | 4.98E-03 | | | | |
| 3708623761951 | 370862 | 3761951 | RESIDENT | 3.20E-03 | 5.58E-03 | 5.34E-03 | | | | |
| 3708673761951 | 370867 | 3761951 | RESIDENT | 3.43E-03 | 6.00E-03 | 5.73E-03 | | | | |
| 3708723761951 | 370872 | 3761951 | RESIDENT | 3.70E-03 | 6.46E-03 | 6.18E-03 | | | | |
| 3708773761951 | 370877 | 3761951 | RESIDENT | 4.00E-03 | 7.00E-03 | 6.69E-03 | | | | |
| 3708823761951 | 370882 | 3761951 | RESIDENT | 4.34E-03 | 7.61E-03 | 7.27E-03 | | | | |
| 3709023761951 | 370902 | 3761951 | RESIDENT | 6.25E-03 | 1.10E-02 | 1.05E-02 | | | | |
| 3709073761951 | 370907 | 3761951 | RESIDENT | 6.88E-03 | 1.21E-02 | 1.16E-02 | | | | |
| 3709123761951 | 370912 | 3761951 | RESIDENT | 7.57E-03 | 1.34E-02 | 1.28E-02 | | | | |
| 3709173761951 | 370917 | 3761951 | RESIDENT | 8.29E-03 | 1.47E-02 | 1.40E-02 | | | | |
| 3709223761951 | 370922 | 3761951 | RESIDENT | 9.04E-03 | 1.60E-02 | 1.53E-02 | | | | |
| 3709273761951 | 370927 | 3761951 | RESIDENT | 9.77E-03 | 1.73E-02 | 1.66E-02 | | | | |
| 3709323761951 | 370932 | 3761951 | RESIDENT | 1.05E-02 | 1.86E-02 | 1.78E-02 | | | | |
| 3709373761951 | 370937 | 3761951 | RESIDENT | 1.11E-02 | 1.97E-02 | 1.89E-02 | | | | |
| 3709423761951 | 370942 | 3761951 | RESIDENT | 1.17E-02 | 2.07E-02 | 1.98E-02 | | | | |
| 3708073761956 | 370807 | 3761956 | RESIDENT | 1.64E-03 | 2.78E-03 | 2.66E-03 | | | | |
| 3708123761956 | 370812 | 3761956 | RESIDENT | 1.72E-03 | 2.91E-03 | 2.79E-03 | | | | |
| 3708173761956 | 370817 | 3761956 | RESIDENT | 1.80E-03 | 3.06E-03 | 2.93E-03 | | | | |
| 3708223761956 | 370822 | 3761956 | RESIDENT | 1.89E-03 | 3.22E-03 | 3.08E-03 | | | | |
| 3708273761956 | 370827 | 3761956 | RESIDENT | 1.98E-03 | 3.39E-03 | 3.24E-03 | | | | |
| 3708323761956 | 370832 | 3761956 | RESIDENT | 2.08E-03 | 3.58E-03 | 3.42E-03 | | | | |
| 3708373761956 | 370837 | 3761956 | RESIDENT | 2.19E-03 | 3.78E-03 | 3.61E-03 | | | | |
| 3708423761956 | 370842 | 3761956 | RESIDENT | 2.32E-03 | 4.00E-03 | 3.82E-03 | | | | |
| 3708473761956 | 370847 | 3761956 | RESIDENT | 2.45E-03 | 4.24E-03 | 4.05E-03 | | | | |
| 3708523761956 | 370852 | 3761956 | RESIDENT | 2.60E-03 | 4.50E-03 | 4.30E-03 | | | | |
| 3708573761956 | 370857 | 3761956 | RESIDENT | 2.76E-03 | 4.79E-03 | 4.58E-03 | | | | |
| 3708623761956 | 370862 | 3761956 | RESIDENT | 2.94E-03 | 5.12E-03 | 4.90E-03 | | | | |
| 3708673761956 | 370867 | 3761956 | RESIDENT | 3.15E-03 | 5.49E-03 | 5.25E-03 | | | | |
| 3708723761956 | 370872 | 3761956 | RESIDENT | 3.38E-03 | 5.90E-03 | 5.64E-03 | | | | |
| 3708773761956 | 370877 | 3761956 | RESIDENT | 3.64E-03 | 6.37E-03 | 6.09E-03 | | | | |
| 3708823761956 | 370882 | 3761956 | RESIDENT | 3.94E-03 | 6.90E-03 | 6.60E-03 | | | | |
| 3708873761956 | 370887 | 3761956 | RESIDENT | 4.28E-03 | 7.51E-03 | 7.17E-03 | | | | |
| 3709073761956 | 370907 | 3761956 | RESIDENT | 6.12E-03 | 1.08E-02 | 1.03E-02 | | | | |
| 3709123761956 | 370912 | 3761956 | RESIDENT | 6.71E-03 | 1.18E-02 | 1.13E-02 | | | | |
| 3709173761956 | 370917 | 3761956 | RESIDENT | 7.32E-03 | 1.29E-02 | 1.24E-02 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3709223761956 | 370922 | 3761956 | RESIDENT | 7.96E-03 | 1.41E-02 | 1.35E-02 | | | | |
| 3709273761956 | 370927 | 3761956 | RESIDENT | 8.59E-03 | 1.52E-02 | 1.46E-02 | | | | |
| 3709323761956 | 370932 | 3761956 | RESIDENT | 9.21E-03 | 1.63E-02 | 1.56E-02 | | | | |
| 3709373761956 | 370937 | 3761956 | RESIDENT | 9.78E-03 | 1.74E-02 | 1.66E-02 | | | | |
| 3709423761956 | 370942 | 3761956 | RESIDENT | 1.03E-02 | 1.83E-02 | 1.75E-02 | | | | |
| 3708123761961 | 370812 | 3761961 | RESIDENT | 1.62E-03 | 2.74E-03 | 2.62E-03 | | | | |
| 3708173761961 | 370817 | 3761961 | RESIDENT | 1.69E-03 | 2.87E-03 | 2.74E-03 | | | | |
| 3708223761961 | 370822 | 3761961 | RESIDENT | 1.77E-03 | 3.01E-03 | 2.88E-03 | | | | |
| 3708273761961 | 370827 | 3761961 | RESIDENT | 1.85E-03 | 3.17E-03 | 3.03E-03 | | | | |
| 3708323761961 | 370832 | 3761961 | RESIDENT | 1.94E-03 | 3.33E-03 | 3.19E-03 | | | | |
| 3708373761961 | 370837 | 3761961 | RESIDENT | 2.04E-03 | 3.51E-03 | 3.36E-03 | | | | |
| 3708423761961 | 370842 | 3761961 | RESIDENT | 2.15E-03 | 3.71E-03 | 3.55E-03 | | | | |
| 3708473761961 | 370847 | 3761961 | RESIDENT | 2.27E-03 | 3.92E-03 | 3.75E-03 | | | | |
| 3708523761961 | 370852 | 3761961 | RESIDENT | 2.40E-03 | 4.16E-03 | 3.98E-03 | | | | |
| 3708573761961 | 370857 | 3761961 | RESIDENT | 2.55E-03 | 4.42E-03 | 4.23E-03 | | | | |
| 3708623761961 | 370862 | 3761961 | RESIDENT | 2.71E-03 | 4.71E-03 | 4.51E-03 | | | | |
| 3708673761961 | 370867 | 3761961 | RESIDENT | 2.89E-03 | 5.04E-03 | 4.82E-03 | | | | |
| 3708723761961 | 370872 | 3761961 | RESIDENT | 3.10E-03 | 5.40E-03 | 5.17E-03 | | | | |
| 3708773761961 | 370877 | 3761961 | RESIDENT | 3.33E-03 | 5.82E-03 | 5.56E-03 | | | | |
| 3708823761961 | 370882 | 3761961 | RESIDENT | 3.59E-03 | 6.29E-03 | 6.01E-03 | | | | |
| 3708873761961 | 370887 | 3761961 | RESIDENT | 3.89E-03 | 6.81E-03 | 6.51E-03 | | | | |
| 3708923761961 | 370892 | 3761961 | RESIDENT | 4.22E-03 | 7.41E-03 | 7.08E-03 | | | | |
| 3709123761961 | 370912 | 3761961 | RESIDENT | 5.98E-03 | 1.05E-02 | 1.01E-02 | | | | |
| 3709173761961 | 370917 | 3761961 | RESIDENT | 6.50E-03 | 1.15E-02 | 1.10E-02 | | | | |
| 3709223761961 | 370922 | 3761961 | RESIDENT | 7.05E-03 | 1.25E-02 | 1.19E-02 | | | | |
| 3709273761961 | 370927 | 3761961 | RESIDENT | 7.60E-03 | 1.35E-02 | 1.29E-02 | | | | |
| 3709323761961 | 370932 | 3761961 | RESIDENT | 8.14E-03 | 1.44E-02 | 1.38E-02 | | | | |
| 3709373761961 | 370937 | 3761961 | RESIDENT | 8.65E-03 | 1.53E-02 | 1.47E-02 | | | | |
| 3709423761961 | 370942 | 3761961 | RESIDENT | 9.11E-03 | 1.62E-02 | 1.55E-02 | | | | |
| 3708173761966 | 370817 | 3761966 | RESIDENT | 1.59E-03 | 2.69E-03 | 2.57E-03 | | | | |
| 3708223761966 | 370822 | 3761966 | RESIDENT | 1.66E-03 | 2.82E-03 | 2.70E-03 | | | | |
| 3708273761966 | 370827 | 3761966 | RESIDENT | 1.73E-03 | 2.96E-03 | 2.83E-03 | | | | |
| 3708323761966 | 370832 | 3761966 | RESIDENT | 1.82E-03 | 3.11E-03 | 2.97E-03 | | | | |
| 3708373761966 | 370837 | 3761966 | RESIDENT | 1.91E-03 | 3.27E-03 | 3.13E-03 | | | | |
| 3708423761966 | 370842 | 3761966 | RESIDENT | 2.00E-03 | 3.45E-03 | 3.30E-03 | | | | |
| 3708473761966 | 370847 | 3761966 | RESIDENT | 2.11E-03 | 3.64E-03 | 3.48E-03 | | | | |
| 3708523761966 | 370852 | 3761966 | RESIDENT | 2.23E-03 | 3.86E-03 | 3.69E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3708573761966 | 370857 | 3761966 | RESIDENT | 2.36E-03 | 4.09E-03 | 3.91E-03 | | | | |
| 3708623761966 | 370862 | 3761966 | RESIDENT | 2.51E-03 | 4.35E-03 | 4.16E-03 | | | | |
| 3708673761966 | 370867 | 3761966 | RESIDENT | 2.67E-03 | 4.64E-03 | 4.44E-03 | | | | |
| 3708723761966 | 370872 | 3761966 | RESIDENT | 2.85E-03 | 4.97E-03 | 4.75E-03 | | | | |
| 3708773761966 | 370877 | 3761966 | RESIDENT | 3.05E-03 | 5.33E-03 | 5.10E-03 | | | | |
| 3708823761966 | 370882 | 3761966 | RESIDENT | 3.29E-03 | 5.74E-03 | 5.49E-03 | | | | |
| 3708873761966 | 370887 | 3761966 | RESIDENT | 3.55E-03 | 6.21E-03 | 5.94E-03 | | | | |
| 3708923761966 | 370892 | 3761966 | RESIDENT | 3.84E-03 | 6.73E-03 | 6.44E-03 | | | | |
| 3708973761966 | 370897 | 3761966 | RESIDENT | 4.17E-03 | 7.32E-03 | 6.99E-03 | | | | |
| 3709123761966 | 370912 | 3761966 | RESIDENT | 5.36E-03 | 9.44E-03 | 9.03E-03 | | | | |
| 3709173761966 | 370917 | 3761966 | RESIDENT | 5.81E-03 | 1.03E-02 | 9.81E-03 | | | | |
| 3709223761966 | 370922 | 3761966 | RESIDENT | 6.28E-03 | 1.11E-02 | 1.06E-02 | | | | |
| 3709273761966 | 370927 | 3761966 | RESIDENT | 6.76E-03 | 1.20E-02 | 1.14E-02 | | | | |
| 3709323761966 | 370932 | 3761966 | RESIDENT | 7.24E-03 | 1.28E-02 | 1.22E-02 | | | | |
| 3709373761966 | 370937 | 3761966 | RESIDENT | 7.69E-03 | 1.36E-02 | 1.30E-02 | | | | |
| 3709423761966 | 370942 | 3761966 | RESIDENT | 8.11E-03 | 1.44E-02 | 1.38E-02 | | | | |
| 3709473761966 | 370947 | 3761966 | RESIDENT | 8.49E-03 | 1.51E-02 | 1.44E-02 | | | | |
| 3708223761971 | 370822 | 3761971 | RESIDENT | 1.56E-03 | 2.65E-03 | 2.53E-03 | | | | |
| 3708273761971 | 370827 | 3761971 | RESIDENT | 1.63E-03 | 2.77E-03 | 2.65E-03 | | | | |
| 3708323761971 | 370832 | 3761971 | RESIDENT | 1.70E-03 | 2.91E-03 | 2.78E-03 | | | | |
| 3708373761971 | 370837 | 3761971 | RESIDENT | 1.78E-03 | 3.06E-03 | 2.92E-03 | | | | |
| 3708423761971 | 370842 | 3761971 | RESIDENT | 1.87E-03 | 3.22E-03 | 3.07E-03 | | | | |
| 3708473761971 | 370847 | 3761971 | RESIDENT | 1.97E-03 | 3.39E-03 | 3.24E-03 | | | | |
| 3708523761971 | 370852 | 3761971 | RESIDENT | 2.07E-03 | 3.58E-03 | 3.42E-03 | | | | |
| 3708573761971 | 370857 | 3761971 | RESIDENT | 2.19E-03 | 3.79E-03 | 3.63E-03 | | | | |
| 3708623761971 | 370862 | 3761971 | RESIDENT | 2.32E-03 | 4.03E-03 | 3.85E-03 | | | | |
| 3708673761971 | 370867 | 3761971 | RESIDENT | 2.47E-03 | 4.29E-03 | 4.10E-03 | | | | |
| 3708723761971 | 370872 | 3761971 | RESIDENT | 2.63E-03 | 4.58E-03 | 4.38E-03 | | | | |
| 3708773761971 | 370877 | 3761971 | RESIDENT | 2.81E-03 | 4.90E-03 | 4.69E-03 | | | | |
| 3708823761971 | 370882 | 3761971 | RESIDENT | 3.02E-03 | 5.27E-03 | 5.04E-03 | | | | |
| 3708873761971 | 370887 | 3761971 | RESIDENT | 3.25E-03 | 5.68E-03 | 5.43E-03 | | | | |
| 3708923761971 | 370892 | 3761971 | RESIDENT | 3.50E-03 | 6.14E-03 | 5.87E-03 | | | | |
| 3708973761971 | 370897 | 3761971 | RESIDENT | 3.79E-03 | 6.65E-03 | 6.36E-03 | | | | |
| 3709173761971 | 370917 | 3761971 | RESIDENT | 5.22E-03 | 9.21E-03 | 8.80E-03 | | | | |
| 3709223761971 | 370922 | 3761971 | RESIDENT | 5.63E-03 | 9.94E-03 | 9.50E-03 | | | | |
| 3709273761971 | 370927 | 3761971 | RESIDENT | 6.05E-03 | 1.07E-02 | 1.02E-02 | | | | |
| 3709323761971 | 370932 | 3761971 | RESIDENT | 6.46E-03 | 1.14E-02 | 1.09E-02 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3709373761971 | 370937 | 3761971 | RESIDENT | 6.87E-03 | 1.22E-02 | 1.16E-02 | | | | |
| 3709423761971 | 370942 | 3761971 | RESIDENT | 7.25E-03 | 1.29E-02 | 1.23E-02 | | | | |
| 3709473761971 | 370947 | 3761971 | RESIDENT | 7.60E-03 | 1.35E-02 | 1.29E-02 | | | | |
| 3709523761971 | 370952 | 3761971 | RESIDENT | 7.91E-03 | 1.40E-02 | 1.34E-02 | | | | |
| 3708223761976 | 370822 | 3761976 | RESIDENT | 1.47E-03 | 2.48E-03 | 2.38E-03 | | | | |
| 3708273761976 | 370827 | 3761976 | RESIDENT | 1.53E-03 | 2.60E-03 | 2.49E-03 | | | | |
| 3708323761976 | 370832 | 3761976 | RESIDENT | 1.60E-03 | 2.72E-03 | 2.60E-03 | | | | |
| 3708373761976 | 370837 | 3761976 | RESIDENT | 1.67E-03 | 2.86E-03 | 2.73E-03 | | | | |
| 3708423761976 | 370842 | 3761976 | RESIDENT | 1.75E-03 | 3.00E-03 | 2.87E-03 | | | | |
| 3708473761976 | 370847 | 3761976 | RESIDENT | 1.84E-03 | 3.16E-03 | 3.02E-03 | | | | |
| 3708523761976 | 370852 | 3761976 | RESIDENT | 1.93E-03 | 3.33E-03 | 3.19E-03 | | | | |
| 3708573761976 | 370857 | 3761976 | RESIDENT | 2.04E-03 | 3.52E-03 | 3.37E-03 | | | | |
| 3708623761976 | 370862 | 3761976 | RESIDENT | 2.16E-03 | 3.73E-03 | 3.57E-03 | | | | |
| 3708673761976 | 370867 | 3761976 | RESIDENT | 2.29E-03 | 3.97E-03 | 3.79E-03 | | | | |
| 3708723761976 | 370872 | 3761976 | RESIDENT | 2.43E-03 | 4.23E-03 | 4.04E-03 | | | | |
| 3708773761976 | 370877 | 3761976 | RESIDENT | 2.60E-03 | 4.52E-03 | 4.32E-03 | | | | |
| 3708823761976 | 370882 | 3761976 | RESIDENT | 2.78E-03 | 4.85E-03 | 4.63E-03 | | | | |
| 3708873761976 | 370887 | 3761976 | RESIDENT | 2.98E-03 | 5.21E-03 | 4.98E-03 | | | | |
| 3708923761976 | 370892 | 3761976 | RESIDENT | 3.21E-03 | 5.62E-03 | 5.37E-03 | | | | |
| 3708973761976 | 370897 | 3761976 | RESIDENT | 3.46E-03 | 6.07E-03 | 5.80E-03 | | | | |
| 3709023761976 | 370902 | 3761976 | RESIDENT | 3.74E-03 | 6.56E-03 | 6.27E-03 | | | | |
| 3709223761976 | 370922 | 3761976 | RESIDENT | 5.07E-03 | 8.94E-03 | 8.55E-03 | | | | |
| 3709273761976 | 370927 | 3761976 | RESIDENT | 5.43E-03 | 9.60E-03 | 9.17E-03 | | | | |
| 3709323761976 | 370932 | 3761976 | RESIDENT | 5.80E-03 | 1.03E-02 | 9.81E-03 | | | | |
| 3709373761976 | 370937 | 3761976 | RESIDENT | 6.16E-03 | 1.09E-02 | 1.04E-02 | | | | |
| 3709423761976 | 370942 | 3761976 | RESIDENT | 6.51E-03 | 1.15E-02 | 1.10E-02 | | | | |
| 3709473761976 | 370947 | 3761976 | RESIDENT | 6.83E-03 | 1.21E-02 | 1.16E-02 | | | | |
| 3709523761976 | 370952 | 3761976 | RESIDENT | 7.12E-03 | 1.26E-02 | 1.21E-02 | | | | |
| 3709573761976 | 370957 | 3761976 | RESIDENT | 7.37E-03 | 1.31E-02 | 1.25E-02 | | | | |
| 3708273761981 | 370827 | 3761981 | RESIDENT | 1.44E-03 | 2.44E-03 | 2.34E-03 | | | | |
| 3708323761981 | 370832 | 3761981 | RESIDENT | 1.50E-03 | 2.55E-03 | 2.44E-03 | | | | |
| 3708373761981 | 370837 | 3761981 | RESIDENT | 1.57E-03 | 2.68E-03 | 2.56E-03 | | | | |
| 3708423761981 | 370842 | 3761981 | RESIDENT | 1.64E-03 | 2.81E-03 | 2.69E-03 | | | | |
| 3708473761981 | 370847 | 3761981 | RESIDENT | 1.72E-03 | 2.95E-03 | 2.82E-03 | | | | |
| 3708523761981 | 370852 | 3761981 | RESIDENT | 1.81E-03 | 3.11E-03 | 2.97E-03 | | | | |
| 3708573761981 | 370857 | 3761981 | RESIDENT | 1.90E-03 | 3.28E-03 | 3.14E-03 | | | | |
| 3708623761981 | 370862 | 3761981 | RESIDENT | 2.01E-03 | 3.47E-03 | 3.32E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3708673761981 | 370867 | 3761981 | RESIDENT | 2.13E-03 | 3.68E-03 | 3.52E-03 | | | | |
| 3708723761981 | 370872 | 3761981 | RESIDENT | 2.26E-03 | 3.92E-03 | 3.75E-03 | | | | |
| 3708773761981 | 370877 | 3761981 | RESIDENT | 2.40E-03 | 4.18E-03 | 4.00E-03 | | | | |
| 3708823761981 | 370882 | 3761981 | RESIDENT | 2.56E-03 | 4.47E-03 | 4.27E-03 | | | | |
| 3708873761981 | 370887 | 3761981 | RESIDENT | 2.75E-03 | 4.79E-03 | 4.58E-03 | | | | |
| 3708923761981 | 370892 | 3761981 | RESIDENT | 2.95E-03 | 5.15E-03 | 4.93E-03 | | | | |
| 3708973761981 | 370897 | 3761981 | RESIDENT | 3.17E-03 | 5.55E-03 | 5.31E-03 | | | | |
| 3709023761981 | 370902 | 3761981 | RESIDENT | 3.41E-03 | 5.99E-03 | 5.72E-03 | | | | |
| 3709073761981 | 370907 | 3761981 | RESIDENT | 3.68E-03 | 6.46E-03 | 6.18E-03 | | | | |
| 3709223761981 | 370922 | 3761981 | RESIDENT | 4.58E-03 | 8.07E-03 | 7.72E-03 | | | | |
| 3709273761981 | 370927 | 3761981 | RESIDENT | 4.90E-03 | 8.66E-03 | 8.27E-03 | | | | |
| 3709323761981 | 370932 | 3761981 | RESIDENT | 5.23E-03 | 9.24E-03 | 8.83E-03 | | | | |
| 3709373761981 | 370937 | 3761981 | RESIDENT | 5.55E-03 | 9.82E-03 | 9.38E-03 | | | | |
| 3709423761981 | 370942 | 3761981 | RESIDENT | 5.86E-03 | 1.04E-02 | 9.92E-03 | | | | |
| 3709473761981 | 370947 | 3761981 | RESIDENT | 6.15E-03 | 1.09E-02 | 1.04E-02 | | | | |
| 3709523761981 | 370952 | 3761981 | RESIDENT | 6.42E-03 | 1.14E-02 | 1.09E-02 | | | | |
| 3709573761981 | 370957 | 3761981 | RESIDENT | 6.67E-03 | 1.18E-02 | 1.13E-02 | | | | |
| 3708323761986 | 370832 | 3761986 | RESIDENT | 1.41E-03 | 2.40E-03 | 2.30E-03 | | | | |
| 3708373761986 | 370837 | 3761986 | RESIDENT | 1.47E-03 | 2.51E-03 | 2.40E-03 | | | | |
| 3708423761986 | 370842 | 3761986 | RESIDENT | 1.54E-03 | 2.63E-03 | 2.52E-03 | | | | |
| 3708473761986 | 370847 | 3761986 | RESIDENT | 1.61E-03 | 2.76E-03 | 2.64E-03 | | | | |
| 3708523761986 | 370852 | 3761986 | RESIDENT | 1.69E-03 | 2.91E-03 | 2.78E-03 | | | | |
| 3708573761986 | 370857 | 3761986 | RESIDENT | 1.78E-03 | 3.06E-03 | 2.93E-03 | | | | |
| 3708623761986 | 370862 | 3761986 | RESIDENT | 1.87E-03 | 3.24E-03 | 3.09E-03 | | | | |
| 3708673761986 | 370867 | 3761986 | RESIDENT | 1.98E-03 | 3.43E-03 | 3.28E-03 | | | | |
| 3708723761986 | 370872 | 3761986 | RESIDENT | 2.10E-03 | 3.64E-03 | 3.48E-03 | | | | |
| 3708773761986 | 370877 | 3761986 | RESIDENT | 2.23E-03 | 3.87E-03 | 3.70E-03 | | | | |
| 3708823761986 | 370882 | 3761986 | RESIDENT | 2.37E-03 | 4.13E-03 | 3.95E-03 | | | | |
| 3708873761986 | 370887 | 3761986 | RESIDENT | 2.54E-03 | 4.42E-03 | 4.23E-03 | | | | |
| 3708923761986 | 370892 | 3761986 | RESIDENT | 2.72E-03 | 4.74E-03 | 4.54E-03 | | | | |
| 3708973761986 | 370897 | 3761986 | RESIDENT | 2.91E-03 | 5.10E-03 | 4.87E-03 | | | | |
| 3709023761986 | 370902 | 3761986 | RESIDENT | 3.13E-03 | 5.48E-03 | 5.24E-03 | | | | |
| 3709073761986 | 370907 | 3761986 | RESIDENT | 3.36E-03 | 5.90E-03 | 5.64E-03 | | | | |
| 3709273761986 | 370927 | 3761986 | RESIDENT | 4.44E-03 | 7.84E-03 | 7.49E-03 | | | | |
| 3709323761986 | 370932 | 3761986 | RESIDENT | 4.73E-03 | 8.36E-03 | 7.99E-03 | | | | |
| 3709373761986 | 370937 | 3761986 | RESIDENT | 5.02E-03 | 8.87E-03 | 8.48E-03 | | | | |
| 3709423761986 | 370942 | 3761986 | RESIDENT | 5.30E-03 | 9.38E-03 | 8.96E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3709473761986 | 370947 | 3761986 | RESIDENT | 5.57E-03 | 9.86E-03 | 9.42E-03 | | | | |
| 3709523761986 | 370952 | 3761986 | RESIDENT | 5.82E-03 | 1.03E-02 | 9.85E-03 | | | | |
| 3709573761986 | 370957 | 3761986 | RESIDENT | 6.05E-03 | 1.07E-02 | 1.02E-02 | | | | |
| 3709623761986 | 370962 | 3761986 | RESIDENT | 6.24E-03 | 1.11E-02 | 1.06E-02 | | | | |
| 3708323761991 | 370832 | 3761991 | RESIDENT | 1.33E-03 | 2.26E-03 | 2.16E-03 | | | | |
| 3708373761991 | 370837 | 3761991 | RESIDENT | 1.39E-03 | 2.36E-03 | 2.26E-03 | | | | |
| 3708423761991 | 370842 | 3761991 | RESIDENT | 1.45E-03 | 2.47E-03 | 2.36E-03 | | | | |
| 3708473761991 | 370847 | 3761991 | RESIDENT | 1.51E-03 | 2.59E-03 | 2.48E-03 | | | | |
| 3708523761991 | 370852 | 3761991 | RESIDENT | 1.59E-03 | 2.72E-03 | 2.60E-03 | | | | |
| 3708573761991 | 370857 | 3761991 | RESIDENT | 1.66E-03 | 2.86E-03 | 2.74E-03 | | | | |
| 3708623761991 | 370862 | 3761991 | RESIDENT | 1.75E-03 | 3.02E-03 | 2.89E-03 | | | | |
| 3708673761991 | 370867 | 3761991 | RESIDENT | 1.85E-03 | 3.19E-03 | 3.05E-03 | | | | |
| 3708723761991 | 370872 | 3761991 | RESIDENT | 1.96E-03 | 3.39E-03 | 3.24E-03 | | | | |
| 3708773761991 | 370877 | 3761991 | RESIDENT | 2.07E-03 | 3.60E-03 | 3.44E-03 | | | | |
| 3708823761991 | 370882 | 3761991 | RESIDENT | 2.20E-03 | 3.83E-03 | 3.67E-03 | | | | |
| 3708873761991 | 370887 | 3761991 | RESIDENT | 2.35E-03 | 4.09E-03 | 3.91E-03 | | | | |
| 3708923761991 | 370892 | 3761991 | RESIDENT | 2.51E-03 | 4.38E-03 | 4.19E-03 | | | | |
| 3708973761991 | 370897 | 3761991 | RESIDENT | 2.68E-03 | 4.69E-03 | 4.49E-03 | | | | |
| 3709023761991 | 370902 | 3761991 | RESIDENT | 2.88E-03 | 5.04E-03 | 4.81E-03 | | | | |
| 3709073761991 | 370907 | 3761991 | RESIDENT | 3.08E-03 | 5.41E-03 | 5.17E-03 | | | | |
| 3709123761991 | 370912 | 3761991 | RESIDENT | 3.30E-03 | 5.80E-03 | 5.55E-03 | | | | |
| 3709323761991 | 370932 | 3761991 | RESIDENT | 4.30E-03 | 7.58E-03 | 7.25E-03 | | | | |
| 3709373761991 | 370937 | 3761991 | RESIDENT | 4.56E-03 | 8.05E-03 | 7.69E-03 | | | | |
| 3709423761991 | 370942 | 3761991 | RESIDENT | 4.81E-03 | 8.50E-03 | 8.13E-03 | | | | |
| 3709473761991 | 370947 | 3761991 | RESIDENT | 5.05E-03 | 8.94E-03 | 8.55E-03 | | | | |
| 3709523761991 | 370952 | 3761991 | RESIDENT | 5.28E-03 | 9.36E-03 | 8.94E-03 | | | | |
| 3709573761991 | 370957 | 3761991 | RESIDENT | 5.50E-03 | 9.74E-03 | 9.31E-03 | | | | |
| 3709623761991 | 370962 | 3761991 | RESIDENT | 5.67E-03 | 1.00E-02 | 9.60E-03 | | | | |
| 3709673761991 | 370967 | 3761991 | RESIDENT | 5.83E-03 | 1.03E-02 | 9.89E-03 | | | | |
| 3708373761996 | 370837 | 3761996 | RESIDENT | 1.31E-03 | 2.22E-03 | 2.12E-03 | | | | |
| 3708423761996 | 370842 | 3761996 | RESIDENT | 1.36E-03 | 2.32E-03 | 2.22E-03 | | | | |
| 3708473761996 | 370847 | 3761996 | RESIDENT | 1.42E-03 | 2.43E-03 | 2.33E-03 | | | | |
| 3708523761996 | 370852 | 3761996 | RESIDENT | 1.49E-03 | 2.55E-03 | 2.44E-03 | | | | |
| 3708573761996 | 370857 | 3761996 | RESIDENT | 1.56E-03 | 2.68E-03 | 2.57E-03 | | | | |
| 3708623761996 | 370862 | 3761996 | RESIDENT | 1.64E-03 | 2.83E-03 | 2.70E-03 | | | | |
| 3708673761996 | 370867 | 3761996 | RESIDENT | 1.73E-03 | 2.98E-03 | 2.85E-03 | | | | |
| 3708723761996 | 370872 | 3761996 | RESIDENT | 1.83E-03 | 3.16E-03 | 3.02E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3708773761996 | 370877 | 3761996 | RESIDENT | 1.93E-03 | 3.35E-03 | 3.20E-03 | | | | |
| 3708823761996 | 370882 | 3761996 | RESIDENT | 2.05E-03 | 3.56E-03 | 3.40E-03 | | | | |
| 3708873761996 | 370887 | 3761996 | RESIDENT | 2.18E-03 | 3.79E-03 | 3.62E-03 | | | | |
| 3708923761996 | 370892 | 3761996 | RESIDENT | 2.32E-03 | 4.05E-03 | 3.87E-03 | | | | |
| 3708973761996 | 370897 | 3761996 | RESIDENT | 2.48E-03 | 4.33E-03 | 4.14E-03 | | | | |
| 3709023761996 | 370902 | 3761996 | RESIDENT | 2.65E-03 | 4.64E-03 | 4.43E-03 | | | | |
| 3709073761996 | 370907 | 3761996 | RESIDENT | 2.84E-03 | 4.97E-03 | 4.75E-03 | | | | |
| 3709123761996 | 370912 | 3761996 | RESIDENT | 3.03E-03 | 5.32E-03 | 5.09E-03 | | | | |
| 3709173761996 | 370917 | 3761996 | RESIDENT | 3.24E-03 | 5.69E-03 | 5.44E-03 | | | | |
| 3709373761996 | 370937 | 3761996 | RESIDENT | 4.15E-03 | 7.32E-03 | 7.00E-03 | | | | |
| 3709423761996 | 370942 | 3761996 | RESIDENT | 4.38E-03 | 7.73E-03 | 7.39E-03 | | | | |
| 3709473761996 | 370947 | 3761996 | RESIDENT | 4.60E-03 | 8.13E-03 | 7.77E-03 | | | | |
| 3709523761996 | 370952 | 3761996 | RESIDENT | 4.81E-03 | 8.52E-03 | 8.14E-03 | | | | |
| 3709573761996 | 370957 | 3761996 | RESIDENT | 5.01E-03 | 8.87E-03 | 8.48E-03 | | | | |
| 3709623761996 | 370962 | 3761996 | RESIDENT | 5.18E-03 | 9.17E-03 | 8.76E-03 | | | | |
| 3709673761996 | 370967 | 3761996 | RESIDENT | 5.33E-03 | 9.45E-03 | 9.04E-03 | | | | |
| 3709723761996 | 370972 | 3761996 | RESIDENT | 5.48E-03 | 9.72E-03 | 9.29E-03 | | | | |
| 3708423762001 | 370842 | 3762001 | RESIDENT | 1.29E-03 | 2.19E-03 | 2.09E-03 | | | | |
| 3708473762001 | 370847 | 3762001 | RESIDENT | 1.34E-03 | 2.29E-03 | 2.19E-03 | | | | |
| 3708523762001 | 370852 | 3762001 | RESIDENT | 1.40E-03 | 2.40E-03 | 2.29E-03 | | | | |
| 3708573762001 | 370857 | 3762001 | RESIDENT | 1.47E-03 | 2.52E-03 | 2.41E-03 | | | | |
| 3708623762001 | 370862 | 3762001 | RESIDENT | 1.54E-03 | 2.65E-03 | 2.53E-03 | | | | |
| 3708673762001 | 370867 | 3762001 | RESIDENT | 1.62E-03 | 2.79E-03 | 2.67E-03 | | | | |
| 3708723762001 | 370872 | 3762001 | RESIDENT | 1.71E-03 | 2.95E-03 | 2.82E-03 | | | | |
| 3708773762001 | 370877 | 3762001 | RESIDENT | 1.81E-03 | 3.13E-03 | 2.99E-03 | | | | |
| 3708823762001 | 370882 | 3762001 | RESIDENT | 1.91E-03 | 3.32E-03 | 3.17E-03 | | | | |
| 3708873762001 | 370887 | 3762001 | RESIDENT | 2.03E-03 | 3.53E-03 | 3.37E-03 | | | | |
| 3708923762001 | 370892 | 3762001 | RESIDENT | 2.16E-03 | 3.76E-03 | 3.59E-03 | | | | |
| 3708973762001 | 370897 | 3762001 | RESIDENT | 2.30E-03 | 4.01E-03 | 3.84E-03 | | | | |
| 3709023762001 | 370902 | 3762001 | RESIDENT | 2.45E-03 | 4.29E-03 | 4.10E-03 | | | | |
| 3709073762001 | 370907 | 3762001 | RESIDENT | 2.62E-03 | 4.58E-03 | 4.38E-03 | | | | |
| 3709123762001 | 370912 | 3762001 | RESIDENT | 2.79E-03 | 4.89E-03 | 4.68E-03 | | | | |
| 3709173762001 | 370917 | 3762001 | RESIDENT | 2.98E-03 | 5.23E-03 | 5.00E-03 | | | | |
| 3709223762001 | 370922 | 3762001 | RESIDENT | 3.17E-03 | 5.58E-03 | 5.33E-03 | | | | |
| 3709373762001 | 370937 | 3762001 | RESIDENT | 3.79E-03 | 6.68E-03 | 6.39E-03 | | | | |
| 3709423762001 | 370942 | 3762001 | RESIDENT | 4.00E-03 | 7.06E-03 | 6.74E-03 | | | | |
| 3709473762001 | 370947 | 3762001 | RESIDENT | 4.20E-03 | 7.42E-03 | 7.09E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3709523762001 | 370952 | 3762001 | RESIDENT | 4.40E-03 | 7.77E-03 | 7.43E-03 | | | | |
| 3709573762001 | 370957 | 3762001 | RESIDENT | 4.58E-03 | 8.11E-03 | 7.75E-03 | | | | |
| 3709623762001 | 370962 | 3762001 | RESIDENT | 4.75E-03 | 8.42E-03 | 8.04E-03 | | | | |
| 3709673762001 | 370967 | 3762001 | RESIDENT | 4.91E-03 | 8.69E-03 | 8.31E-03 | | | | |
| 3709723762001 | 370972 | 3762001 | RESIDENT | 5.04E-03 | 8.94E-03 | 8.54E-03 | | | | |
| 3708473762006 | 370847 | 3762006 | RESIDENT | 1.27E-03 | 2.16E-03 | 2.06E-03 | | | | |
| 3708523762006 | 370852 | 3762006 | RESIDENT | 1.32E-03 | 2.26E-03 | 2.16E-03 | | | | |
| 3708573762006 | 370857 | 3762006 | RESIDENT | 1.38E-03 | 2.37E-03 | 2.26E-03 | | | | |
| 3708623762006 | 370862 | 3762006 | RESIDENT | 1.45E-03 | 2.49E-03 | 2.38E-03 | | | | |
| 3708673762006 | 370867 | 3762006 | RESIDENT | 1.52E-03 | 2.62E-03 | 2.50E-03 | | | | |
| 3708723762006 | 370872 | 3762006 | RESIDENT | 1.60E-03 | 2.76E-03 | 2.64E-03 | | | | |
| 3708773762006 | 370877 | 3762006 | RESIDENT | 1.69E-03 | 2.92E-03 | 2.79E-03 | | | | |
| 3708823762006 | 370882 | 3762006 | RESIDENT | 1.79E-03 | 3.10E-03 | 2.96E-03 | | | | |
| 3708873762006 | 370887 | 3762006 | RESIDENT | 1.89E-03 | 3.29E-03 | 3.14E-03 | | | | |
| 3708923762006 | 370892 | 3762006 | RESIDENT | 2.01E-03 | 3.50E-03 | 3.34E-03 | | | | |
| 3708973762006 | 370897 | 3762006 | RESIDENT | 2.14E-03 | 3.72E-03 | 3.56E-03 | | | | |
| 3709023762006 | 370902 | 3762006 | RESIDENT | 2.27E-03 | 3.97E-03 | 3.79E-03 | | | | |
| 3709073762006 | 370907 | 3762006 | RESIDENT | 2.42E-03 | 4.23E-03 | 4.05E-03 | | | | |
| 3709123762006 | 370912 | 3762006 | RESIDENT | 2.58E-03 | 4.51E-03 | 4.31E-03 | | | | |
| 3709173762006 | 370917 | 3762006 | RESIDENT | 2.74E-03 | 4.81E-03 | 4.60E-03 | | | | |
| 3709223762006 | 370922 | 3762006 | RESIDENT | 2.92E-03 | 5.12E-03 | 4.90E-03 | | | | |
| 3709423762006 | 370942 | 3762006 | RESIDENT | 3.66E-03 | 6.46E-03 | 6.17E-03 | | | | |
| 3709473762006 | 370947 | 3762006 | RESIDENT | 3.85E-03 | 6.79E-03 | 6.49E-03 | | | | |
| 3709523762006 | 370952 | 3762006 | RESIDENT | 4.03E-03 | 7.11E-03 | 6.80E-03 | | | | |
| 3709573762006 | 370957 | 3762006 | RESIDENT | 4.20E-03 | 7.42E-03 | 7.09E-03 | | | | |
| 3709623762006 | 370962 | 3762006 | RESIDENT | 4.36E-03 | 7.71E-03 | 7.37E-03 | | | | |
| 3709673762006 | 370967 | 3762006 | RESIDENT | 4.51E-03 | 7.98E-03 | 7.63E-03 | | | | |
| 3709723762006 | 370972 | 3762006 | RESIDENT | 4.64E-03 | 8.22E-03 | 7.86E-03 | | | | |
| 3709773762006 | 370977 | 3762006 | RESIDENT | 4.75E-03 | 8.43E-03 | 8.05E-03 | | | | |
| 3708473762011 | 370847 | 3762011 | RESIDENT | 1.20E-03 | 2.03E-03 | 1.95E-03 | | | | |
| 3708523762011 | 370852 | 3762011 | RESIDENT | 1.25E-03 | 2.13E-03 | 2.03E-03 | | | | |
| 3708573762011 | 370857 | 3762011 | RESIDENT | 1.30E-03 | 2.23E-03 | 2.13E-03 | | | | |
| 3708623762011 | 370862 | 3762011 | RESIDENT | 1.37E-03 | 2.34E-03 | 2.24E-03 | | | | |
| 3708673762011 | 370867 | 3762011 | RESIDENT | 1.43E-03 | 2.46E-03 | 2.35E-03 | | | | |
| 3708723762011 | 370872 | 3762011 | RESIDENT | 1.51E-03 | 2.59E-03 | 2.48E-03 | | | | |
| 3708773762011 | 370877 | 3762011 | RESIDENT | 1.59E-03 | 2.74E-03 | 2.62E-03 | | | | |
| 3708823762011 | 370882 | 3762011 | RESIDENT | 1.67E-03 | 2.90E-03 | 2.77E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3708873762011 | 370887 | 3762011 | RESIDENT | 1.77E-03 | 3.07E-03 | 2.93E-03 | | | | |
| 3708923762011 | 370892 | 3762011 | RESIDENT | 1.87E-03 | 3.26E-03 | 3.11E-03 | | | | |
| 3708973762011 | 370897 | 3762011 | RESIDENT | 1.99E-03 | 3.46E-03 | 3.31E-03 | | | | |
| 3709023762011 | 370902 | 3762011 | RESIDENT | 2.11E-03 | 3.68E-03 | 3.52E-03 | | | | |
| 3709073762011 | 370907 | 3762011 | RESIDENT | 2.24E-03 | 3.92E-03 | 3.75E-03 | | | | |
| 3709123762011 | 370912 | 3762011 | RESIDENT | 2.39E-03 | 4.17E-03 | 3.99E-03 | | | | |
| 3709173762011 | 370917 | 3762011 | RESIDENT | 2.53E-03 | 4.44E-03 | 4.25E-03 | | | | |
| 3709223762011 | 370922 | 3762011 | RESIDENT | 2.69E-03 | 4.72E-03 | 4.51E-03 | | | | |
| 3709273762011 | 370927 | 3762011 | RESIDENT | 2.85E-03 | 5.01E-03 | 4.79E-03 | | | | |
| 3709473762011 | 370947 | 3762011 | RESIDENT | 3.53E-03 | 6.23E-03 | 5.95E-03 | | | | |
| 3709523762011 | 370952 | 3762011 | RESIDENT | 3.70E-03 | 6.53E-03 | 6.24E-03 | | | | |
| 3709573762011 | 370957 | 3762011 | RESIDENT | 3.85E-03 | 6.81E-03 | 6.51E-03 | | | | |
| 3709623762011 | 370962 | 3762011 | RESIDENT | 4.01E-03 | 7.08E-03 | 6.77E-03 | | | | |
| 3709673762011 | 370967 | 3762011 | RESIDENT | 4.15E-03 | 7.33E-03 | 7.01E-03 | | | | |
| 3709723762011 | 370972 | 3762011 | RESIDENT | 4.27E-03 | 7.57E-03 | 7.23E-03 | | | | |
| 3709773762011 | 370977 | 3762011 | RESIDENT | 4.39E-03 | 7.77E-03 | 7.43E-03 | | | | |
| 3709823762011 | 370982 | 3762011 | RESIDENT | 4.49E-03 | 7.95E-03 | 7.60E-03 | | | | |
| 3708523762016 | 370852 | 3762016 | RESIDENT | 1.18E-03 | 2.01E-03 | 1.92E-03 | | | | |
| 3708573762016 | 370857 | 3762016 | RESIDENT | 1.23E-03 | 2.10E-03 | 2.01E-03 | | | | |
| 3708623762016 | 370862 | 3762016 | RESIDENT | 1.29E-03 | 2.20E-03 | 2.11E-03 | | | | |
| 3708673762016 | 370867 | 3762016 | RESIDENT | 1.35E-03 | 2.32E-03 | 2.21E-03 | | | | |
| 3708723762016 | 370872 | 3762016 | RESIDENT | 1.42E-03 | 2.44E-03 | 2.33E-03 | | | | |
| 3708773762016 | 370877 | 3762016 | RESIDENT | 1.49E-03 | 2.57E-03 | 2.46E-03 | | | | |
| 3708823762016 | 370882 | 3762016 | RESIDENT | 1.57E-03 | 2.71E-03 | 2.59E-03 | | | | |
| 3708873762016 | 370887 | 3762016 | RESIDENT | 1.66E-03 | 2.87E-03 | 2.74E-03 | | | | |
| 3708923762016 | 370892 | 3762016 | RESIDENT | 1.75E-03 | 3.03E-03 | 2.90E-03 | | | | |
| 3708973762016 | 370897 | 3762016 | RESIDENT | 1.85E-03 | 3.21E-03 | 3.07E-03 | | | | |
| 3709023762016 | 370902 | 3762016 | RESIDENT | 1.97E-03 | 3.43E-03 | 3.27E-03 | | | | |
| 3709073762016 | 370907 | 3762016 | RESIDENT | 2.09E-03 | 3.64E-03 | 3.48E-03 | | | | |
| 3709123762016 | 370912 | 3762016 | RESIDENT | 2.21E-03 | 3.87E-03 | 3.70E-03 | | | | |
| 3709173762016 | 370917 | 3762016 | RESIDENT | 2.35E-03 | 4.11E-03 | 3.93E-03 | | | | |
| 3709223762016 | 370922 | 3762016 | RESIDENT | 2.49E-03 | 4.36E-03 | 4.17E-03 | | | | |
| 3709273762016 | 370927 | 3762016 | RESIDENT | 2.64E-03 | 4.63E-03 | 4.42E-03 | | | | |
| 3709323762016 | 370932 | 3762016 | RESIDENT | 2.79E-03 | 4.90E-03 | 4.68E-03 | | | | |
| 3709473762016 | 370947 | 3762016 | RESIDENT | 3.25E-03 | 5.73E-03 | 5.48E-03 | | | | |
| 3709523762016 | 370952 | 3762016 | RESIDENT | 3.40E-03 | 6.00E-03 | 5.74E-03 | | | | |
| 3709573762016 | 370957 | 3762016 | RESIDENT | 3.55E-03 | 6.27E-03 | 5.99E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3709623762016 | 370962 | 3762016 | RESIDENT | 3.69E-03 | 6.52E-03 | 6.23E-03 | | | | |
| 3709673762016 | 370967 | 3762016 | RESIDENT | 3.82E-03 | 6.76E-03 | 6.46E-03 | | | | |
| 3709723762016 | 370972 | 3762016 | RESIDENT | 3.94E-03 | 6.98E-03 | 6.67E-03 | | | | |
| 3709773762016 | 370977 | 3762016 | RESIDENT | 4.05E-03 | 7.18E-03 | 6.86E-03 | | | | |
| 3709823762016 | 370982 | 3762016 | RESIDENT | 4.15E-03 | 7.35E-03 | 7.03E-03 | | | | |
| 3708573762021 | 370857 | 3762021 | RESIDENT | 1.17E-03 | 1.99E-03 | 1.90E-03 | | | | |
| 3708623762021 | 370862 | 3762021 | RESIDENT | 1.22E-03 | 2.08E-03 | 1.99E-03 | | | | |
| 3708673762021 | 370867 | 3762021 | RESIDENT | 1.27E-03 | 2.18E-03 | 2.09E-03 | | | | |
| 3708723762021 | 370872 | 3762021 | RESIDENT | 1.34E-03 | 2.29E-03 | 2.19E-03 | | | | |
| 3708773762021 | 370877 | 3762021 | RESIDENT | 1.40E-03 | 2.41E-03 | 2.31E-03 | | | | |
| 3708823762021 | 370882 | 3762021 | RESIDENT | 1.48E-03 | 2.55E-03 | 2.44E-03 | | | | |
| 3708873762021 | 370887 | 3762021 | RESIDENT | 1.55E-03 | 2.67E-03 | 2.56E-03 | | | | |
| 3708923762021 | 370892 | 3762021 | RESIDENT | 1.63E-03 | 2.82E-03 | 2.70E-03 | | | | |
| 3708973762021 | 370897 | 3762021 | RESIDENT | 1.72E-03 | 2.98E-03 | 2.85E-03 | | | | |
| 3709023762021 | 370902 | 3762021 | RESIDENT | 1.83E-03 | 3.18E-03 | 3.04E-03 | | | | |
| 3709073762021 | 370907 | 3762021 | RESIDENT | 1.94E-03 | 3.38E-03 | 3.23E-03 | | | | |
| 3709123762021 | 370912 | 3762021 | RESIDENT | 2.06E-03 | 3.59E-03 | 3.44E-03 | | | | |
| 3709173762021 | 370917 | 3762021 | RESIDENT | 2.18E-03 | 3.81E-03 | 3.64E-03 | | | | |
| 3709223762021 | 370922 | 3762021 | RESIDENT | 2.31E-03 | 4.04E-03 | 3.86E-03 | | | | |
| 3709273762021 | 370927 | 3762021 | RESIDENT | 2.44E-03 | 4.28E-03 | 4.09E-03 | | | | |
| 3709323762021 | 370932 | 3762021 | RESIDENT | 2.58E-03 | 4.52E-03 | 4.33E-03 | | | | |
| 3709523762021 | 370952 | 3762021 | RESIDENT | 3.14E-03 | 5.53E-03 | 5.29E-03 | | | | |
| 3709573762021 | 370957 | 3762021 | RESIDENT | 3.27E-03 | 5.78E-03 | 5.52E-03 | | | | |
| 3709623762021 | 370962 | 3762021 | RESIDENT | 3.40E-03 | 6.01E-03 | 5.75E-03 | | | | |
| 3709673762021 | 370967 | 3762021 | RESIDENT | 3.53E-03 | 6.24E-03 | 5.96E-03 | | | | |
| 3709723762021 | 370972 | 3762021 | RESIDENT | 3.64E-03 | 6.44E-03 | 6.16E-03 | | | | |
| 3709773762021 | 370977 | 3762021 | RESIDENT | 3.75E-03 | 6.64E-03 | 6.34E-03 | | | | |
| 3709823762021 | 370982 | 3762021 | RESIDENT | 3.84E-03 | 6.80E-03 | 6.50E-03 | | | | |
| 3709873762021 | 370987 | 3762021 | RESIDENT | 3.92E-03 | 6.95E-03 | 6.64E-03 | | | | |
| 3708623762026 | 370862 | 3762026 | RESIDENT | 1.15E-03 | 1.96E-03 | 1.88E-03 | | | | |
| 3708673762026 | 370867 | 3762026 | RESIDENT | 1.20E-03 | 2.06E-03 | 1.97E-03 | | | | |
| 3708723762026 | 370872 | 3762026 | RESIDENT | 1.26E-03 | 2.16E-03 | 2.07E-03 | | | | |
| 3708773762026 | 370877 | 3762026 | RESIDENT | 1.32E-03 | 2.27E-03 | 2.17E-03 | | | | |
| 3708823762026 | 370882 | 3762026 | RESIDENT | 1.39E-03 | 2.39E-03 | 2.28E-03 | | | | |
| 3708873762026 | 370887 | 3762026 | RESIDENT | 1.45E-03 | 2.50E-03 | 2.39E-03 | | | | |
| 3708923762026 | 370892 | 3762026 | RESIDENT | 1.52E-03 | 2.63E-03 | 2.52E-03 | | | | |
| 3708973762026 | 370897 | 3762026 | RESIDENT | 1.60E-03 | 2.78E-03 | 2.66E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 Project Concentrations (ug/m$^3$) | Construction Year 2 Project Concentrations (ug/m$^3$) | Construction Year 3 Project Concentrations (ug/m$^3$) | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| 3709023762026 | 370902 | 3762026 | RESIDENT | 1.70E-03 | 2.96E-03 | 2.83E-03 | | | | |
| 3709073762026 | 370907 | 3762026 | RESIDENT | 1.81E-03 | 3.14E-03 | 3.00E-03 | | | | |
| 3709123762026 | 370912 | 3762026 | RESIDENT | 1.92E-03 | 3.34E-03 | 3.20E-03 | | | | |
| 3709173762026 | 370917 | 3762026 | RESIDENT | 2.03E-03 | 3.54E-03 | 3.39E-03 | | | | |
| 3709223762026 | 370922 | 3762026 | RESIDENT | 2.14E-03 | 3.75E-03 | 3.59E-03 | | | | |
| 3709273762026 | 370927 | 3762026 | RESIDENT | 2.26E-03 | 3.97E-03 | 3.79E-03 | | | | |
| 3709323762026 | 370932 | 3762026 | RESIDENT | 2.39E-03 | 4.19E-03 | 4.01E-03 | | | | |
| 3709373762026 | 370937 | 3762026 | RESIDENT | 2.52E-03 | 4.42E-03 | 4.22E-03 | | | | |
| 3709573762026 | 370957 | 3762026 | RESIDENT | 3.03E-03 | 5.34E-03 | 5.10E-03 | | | | |
| 3709623762026 | 370962 | 3762026 | RESIDENT | 3.15E-03 | 5.56E-03 | 5.31E-03 | | | | |
| 3709673762026 | 370967 | 3762026 | RESIDENT | 3.26E-03 | 5.76E-03 | 5.51E-03 | | | | |
| 3709723762026 | 370972 | 3762026 | RESIDENT | 3.37E-03 | 5.96E-03 | 5.70E-03 | | | | |
| 3709773762026 | 370977 | 3762026 | RESIDENT | 3.48E-03 | 6.15E-03 | 5.87E-03 | | | | |
| 3709823762026 | 370982 | 3762026 | RESIDENT | 3.56E-03 | 6.31E-03 | 6.03E-03 | | | | |
| 3709873762026 | 370987 | 3762026 | RESIDENT | 3.65E-03 | 6.45E-03 | 6.17E-03 | | | | |
| 3709923762026 | 370992 | 3762026 | RESIDENT | 3.72E-03 | 6.58E-03 | 6.29E-03 | | | | |
| 3708623762031 | 370862 | 3762031 | RESIDENT | 1.09E-03 | 1.86E-03 | 1.78E-03 | | | | |
| 3708673762031 | 370867 | 3762031 | RESIDENT | 1.14E-03 | 1.95E-03 | 1.86E-03 | | | | |
| 3708723762031 | 370872 | 3762031 | RESIDENT | 1.19E-03 | 2.04E-03 | 1.95E-03 | | | | |
| 3708773762031 | 370877 | 3762031 | RESIDENT | 1.25E-03 | 2.14E-03 | 2.05E-03 | | | | |
| 3708823762031 | 370882 | 3762031 | RESIDENT | 1.31E-03 | 2.25E-03 | 2.16E-03 | | | | |
| 3708873762031 | 370887 | 3762031 | RESIDENT | 1.37E-03 | 2.36E-03 | 2.26E-03 | | | | |
| 3708923762031 | 370892 | 3762031 | RESIDENT | 1.44E-03 | 2.49E-03 | 2.38E-03 | | | | |
| 3708973762031 | 370897 | 3762031 | RESIDENT | 1.51E-03 | 2.62E-03 | 2.51E-03 | | | | |
| 3709023762031 | 370902 | 3762031 | RESIDENT | 1.60E-03 | 2.77E-03 | 2.65E-03 | | | | |
| 3709073762031 | 370907 | 3762031 | RESIDENT | 1.69E-03 | 2.94E-03 | 2.81E-03 | | | | |
| 3709123762031 | 370912 | 3762031 | RESIDENT | 1.79E-03 | 3.12E-03 | 2.99E-03 | | | | |
| 3709173762031 | 370917 | 3762031 | RESIDENT | 1.89E-03 | 3.30E-03 | 3.16E-03 | | | | |
| 3709223762031 | 370922 | 3762031 | RESIDENT | 2.00E-03 | 3.49E-03 | 3.34E-03 | | | | |
| 3709273762031 | 370927 | 3762031 | RESIDENT | 2.11E-03 | 3.69E-03 | 3.52E-03 | | | | |
| 3709323762031 | 370932 | 3762031 | RESIDENT | 2.22E-03 | 3.89E-03 | 3.72E-03 | | | | |
| 3709373762031 | 370937 | 3762031 | RESIDENT | 2.33E-03 | 4.10E-03 | 3.92E-03 | | | | |
| 3709423762031 | 370942 | 3762031 | RESIDENT | 2.45E-03 | 4.31E-03 | 4.12E-03 | | | | |
| 3709623762031 | 370962 | 3762031 | RESIDENT | 2.92E-03 | 5.14E-03 | 4.92E-03 | | | | |
| 3709673762031 | 370967 | 3762031 | RESIDENT | 3.03E-03 | 5.34E-03 | 5.10E-03 | | | | |
| 3709723762031 | 370972 | 3762031 | RESIDENT | 3.13E-03 | 5.53E-03 | 5.28E-03 | | | | |
| 3709773762031 | 370977 | 3762031 | RESIDENT | 3.23E-03 | 5.70E-03 | 5.45E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3709823762031 | 370982 | 3762031 | RESIDENT | 3.31E-03 | 5.86E-03 | 5.60E-03 | | | | |
| 3709873762031 | 370987 | 3762031 | RESIDENT | 3.40E-03 | 6.00E-03 | 5.74E-03 | | | | |
| 3709923762031 | 370992 | 3762031 | RESIDENT | 3.47E-03 | 6.13E-03 | 5.86E-03 | | | | |
| 3709973762031 | 370997 | 3762031 | RESIDENT | 3.52E-03 | 6.24E-03 | 5.96E-03 | | | | |
| 3708673762036 | 370867 | 3762036 | RESIDENT | 1.08E-03 | 1.84E-03 | 1.76E-03 | | | | |
| 3708723762036 | 370872 | 3762036 | RESIDENT | 1.13E-03 | 1.93E-03 | 1.84E-03 | | | | |
| 3708773762036 | 370877 | 3762036 | RESIDENT | 1.18E-03 | 2.02E-03 | 1.93E-03 | | | | |
| 3708823762036 | 370882 | 3762036 | RESIDENT | 1.24E-03 | 2.13E-03 | 2.03E-03 | | | | |
| 3708873762036 | 370887 | 3762036 | RESIDENT | 1.30E-03 | 2.24E-03 | 2.14E-03 | | | | |
| 3708923762036 | 370892 | 3762036 | RESIDENT | 1.36E-03 | 2.35E-03 | 2.25E-03 | | | | |
| 3708973762036 | 370897 | 3762036 | RESIDENT | 1.43E-03 | 2.48E-03 | 2.37E-03 | | | | |
| 3709023762036 | 370902 | 3762036 | RESIDENT | 1.50E-03 | 2.61E-03 | 2.49E-03 | | | | |
| 3709073762036 | 370907 | 3762036 | RESIDENT | 1.59E-03 | 2.75E-03 | 2.63E-03 | | | | |
| 3709123762036 | 370912 | 3762036 | RESIDENT | 1.68E-03 | 2.92E-03 | 2.79E-03 | | | | |
| 3709173762036 | 370917 | 3762036 | RESIDENT | 1.77E-03 | 3.08E-03 | 2.95E-03 | | | | |
| 3709223762036 | 370922 | 3762036 | RESIDENT | 1.86E-03 | 3.25E-03 | 3.11E-03 | | | | |
| 3709273762036 | 370927 | 3762036 | RESIDENT | 1.96E-03 | 3.43E-03 | 3.28E-03 | | | | |
| 3709323762036 | 370932 | 3762036 | RESIDENT | 2.07E-03 | 3.62E-03 | 3.46E-03 | | | | |
| 3709373762036 | 370937 | 3762036 | RESIDENT | 2.17E-03 | 3.81E-03 | 3.64E-03 | | | | |
| 3709423762036 | 370942 | 3762036 | RESIDENT | 2.28E-03 | 4.00E-03 | 3.82E-03 | | | | |
| 3709473762036 | 370947 | 3762036 | RESIDENT | 2.39E-03 | 4.20E-03 | 4.01E-03 | | | | |
| 3709623762036 | 370962 | 3762036 | RESIDENT | 2.71E-03 | 4.77E-03 | 4.56E-03 | | | | |
| 3709673762036 | 370967 | 3762036 | RESIDENT | 2.81E-03 | 4.95E-03 | 4.74E-03 | | | | |
| 3709723762036 | 370972 | 3762036 | RESIDENT | 2.91E-03 | 5.13E-03 | 4.90E-03 | | | | |
| 3709773762036 | 370977 | 3762036 | RESIDENT | 3.00E-03 | 5.30E-03 | 5.06E-03 | | | | |
| 3709823762036 | 370982 | 3762036 | RESIDENT | 3.08E-03 | 5.45E-03 | 5.21E-03 | | | | |
| 3709873762036 | 370987 | 3762036 | RESIDENT | 3.16E-03 | 5.59E-03 | 5.34E-03 | | | | |
| 3709923762036 | 370992 | 3762036 | RESIDENT | 3.23E-03 | 5.72E-03 | 5.46E-03 | | | | |
| 3709973762036 | 370997 | 3762036 | RESIDENT | 3.29E-03 | 5.82E-03 | 5.56E-03 | | | | |
| 3708723762041 | 370872 | 3762041 | RESIDENT | 1.07E-03 | 1.83E-03 | 1.75E-03 | | | | |
| 3708773762041 | 370877 | 3762041 | RESIDENT | 1.12E-03 | 1.91E-03 | 1.83E-03 | | | | |
| 3708823762041 | 370882 | 3762041 | RESIDENT | 1.17E-03 | 2.01E-03 | 1.92E-03 | | | | |
| 3708873762041 | 370887 | 3762041 | RESIDENT | 1.23E-03 | 2.11E-03 | 2.02E-03 | | | | |
| 3708923762041 | 370892 | 3762041 | RESIDENT | 1.29E-03 | 2.22E-03 | 2.12E-03 | | | | |
| 3708973762041 | 370897 | 3762041 | RESIDENT | 1.35E-03 | 2.33E-03 | 2.23E-03 | | | | |
| 3709023762041 | 370902 | 3762041 | RESIDENT | 1.42E-03 | 2.45E-03 | 2.34E-03 | | | | |
| 3709073762041 | 370907 | 3762041 | RESIDENT | 1.49E-03 | 2.58E-03 | 2.47E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3709123762041 | 370912 | 3762041 | RESIDENT | 1.57E-03 | 2.73E-03 | 2.61E-03 | | | | |
| 3709173762041 | 370917 | 3762041 | RESIDENT | 1.65E-03 | 2.87E-03 | 2.75E-03 | | | | |
| 3709223762041 | 370922 | 3762041 | RESIDENT | 1.74E-03 | 3.03E-03 | 2.90E-03 | | | | |
| 3709273762041 | 370927 | 3762041 | RESIDENT | 1.83E-03 | 3.20E-03 | 3.06E-03 | | | | |
| 3709323762041 | 370932 | 3762041 | RESIDENT | 1.93E-03 | 3.37E-03 | 3.22E-03 | | | | |
| 3709373762041 | 370937 | 3762041 | RESIDENT | 2.02E-03 | 3.55E-03 | 3.39E-03 | | | | |
| 3709423762041 | 370942 | 3762041 | RESIDENT | 2.12E-03 | 3.72E-03 | 3.56E-03 | | | | |
| 3709473762041 | 370947 | 3762041 | RESIDENT | 2.22E-03 | 3.90E-03 | 3.73E-03 | | | | |
| 3709673762041 | 370967 | 3762041 | RESIDENT | 2.61E-03 | 4.61E-03 | 4.40E-03 | | | | |
| 3709723762041 | 370972 | 3762041 | RESIDENT | 2.71E-03 | 4.77E-03 | 4.56E-03 | | | | |
| 3709773762041 | 370977 | 3762041 | RESIDENT | 2.79E-03 | 4.93E-03 | 4.71E-03 | | | | |
| 3709823762041 | 370982 | 3762041 | RESIDENT | 2.87E-03 | 5.07E-03 | 4.85E-03 | | | | |
| 3709873762041 | 370987 | 3762041 | RESIDENT | 2.95E-03 | 5.21E-03 | 4.98E-03 | | | | |
| 3709923762041 | 370992 | 3762041 | RESIDENT | 3.02E-03 | 5.33E-03 | 5.09E-03 | | | | |
| 3709973762041 | 370997 | 3762041 | RESIDENT | 3.07E-03 | 5.44E-03 | 5.20E-03 | | | | |
| 3710023762041 | 371002 | 3762041 | RESIDENT | 3.13E-03 | 5.53E-03 | 5.29E-03 | | | | |
| 3708773762046 | 370877 | 3762046 | RESIDENT | 1.06E-03 | 1.81E-03 | 1.73E-03 | | | | |
| 3708823762046 | 370882 | 3762046 | RESIDENT | 1.11E-03 | 1.90E-03 | 1.81E-03 | | | | |
| 3708873762046 | 370887 | 3762046 | RESIDENT | 1.16E-03 | 1.99E-03 | 1.90E-03 | | | | |
| 3708923762046 | 370892 | 3762046 | RESIDENT | 1.21E-03 | 2.09E-03 | 2.00E-03 | | | | |
| 3708973762046 | 370897 | 3762046 | RESIDENT | 1.27E-03 | 2.20E-03 | 2.10E-03 | | | | |
| 3709023762046 | 370902 | 3762046 | RESIDENT | 1.34E-03 | 2.31E-03 | 2.21E-03 | | | | |
| 3709073762046 | 370907 | 3762046 | RESIDENT | 1.40E-03 | 2.43E-03 | 2.32E-03 | | | | |
| 3709123762046 | 370912 | 3762046 | RESIDENT | 1.47E-03 | 2.55E-03 | 2.44E-03 | | | | |
| 3709173762046 | 370917 | 3762046 | RESIDENT | 1.55E-03 | 2.69E-03 | 2.57E-03 | | | | |
| 3709223762046 | 370922 | 3762046 | RESIDENT | 1.62E-03 | 2.83E-03 | 2.71E-03 | | | | |
| 3709273762046 | 370927 | 3762046 | RESIDENT | 1.71E-03 | 2.98E-03 | 2.85E-03 | | | | |
| 3709323762046 | 370932 | 3762046 | RESIDENT | 1.80E-03 | 3.14E-03 | 3.00E-03 | | | | |
| 3709373762046 | 370937 | 3762046 | RESIDENT | 1.89E-03 | 3.31E-03 | 3.16E-03 | | | | |
| 3709423762046 | 370942 | 3762046 | RESIDENT | 1.98E-03 | 3.47E-03 | 3.32E-03 | | | | |
| 3709473762046 | 370947 | 3762046 | RESIDENT | 2.07E-03 | 3.63E-03 | 3.47E-03 | | | | |
| 3709523762046 | 370952 | 3762046 | RESIDENT | 2.16E-03 | 3.80E-03 | 3.63E-03 | | | | |
| 3709723762046 | 370972 | 3762046 | RESIDENT | 2.52E-03 | 4.44E-03 | 4.25E-03 | | | | |
| 3709773762046 | 370977 | 3762046 | RESIDENT | 2.60E-03 | 4.59E-03 | 4.39E-03 | | | | |
| 3709823762046 | 370982 | 3762046 | RESIDENT | 2.68E-03 | 4.73E-03 | 4.52E-03 | | | | |
| 3709873762046 | 370987 | 3762046 | RESIDENT | 2.75E-03 | 4.86E-03 | 4.65E-03 | | | | |
| 3709923762046 | 370992 | 3762046 | RESIDENT | 2.82E-03 | 4.98E-03 | 4.76E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3709973762046 | 370997 | 3762046 | RESIDENT | 2.88E-03 | 5.09E-03 | 4.86E-03 | | | | |
| 3710023762046 | 371002 | 3762046 | RESIDENT | 2.93E-03 | 5.18E-03 | 4.95E-03 | | | | |
| 3708773762051 | 370877 | 3762051 | RESIDENT | 1.01E-03 | 1.72E-03 | 1.64E-03 | | | | |
| 3708823762051 | 370882 | 3762051 | RESIDENT | 1.05E-03 | 1.80E-03 | 1.72E-03 | | | | |
| 3708873762051 | 370887 | 3762051 | RESIDENT | 1.10E-03 | 1.88E-03 | 1.80E-03 | | | | |
| 3708923762051 | 370892 | 3762051 | RESIDENT | 1.15E-03 | 1.98E-03 | 1.89E-03 | | | | |
| 3708973762051 | 370897 | 3762051 | RESIDENT | 1.20E-03 | 2.07E-03 | 1.98E-03 | | | | |
| 3709023762051 | 370902 | 3762051 | RESIDENT | 1.26E-03 | 2.18E-03 | 2.08E-03 | | | | |
| 3709073762051 | 370907 | 3762051 | RESIDENT | 1.32E-03 | 2.29E-03 | 2.18E-03 | | | | |
| 3709123762051 | 370912 | 3762051 | RESIDENT | 1.38E-03 | 2.40E-03 | 2.29E-03 | | | | |
| 3709173762051 | 370917 | 3762051 | RESIDENT | 1.45E-03 | 2.52E-03 | 2.41E-03 | | | | |
| 3709223762051 | 370922 | 3762051 | RESIDENT | 1.52E-03 | 2.65E-03 | 2.54E-03 | | | | |
| 3709273762051 | 370927 | 3762051 | RESIDENT | 1.60E-03 | 2.79E-03 | 2.67E-03 | | | | |
| 3709323762051 | 370932 | 3762051 | RESIDENT | 1.68E-03 | 2.93E-03 | 2.81E-03 | | | | |
| 3709373762051 | 370937 | 3762051 | RESIDENT | 1.76E-03 | 3.08E-03 | 2.94E-03 | | | | |
| 3709423762051 | 370942 | 3762051 | RESIDENT | 1.85E-03 | 3.24E-03 | 3.09E-03 | | | | |
| 3709473762051 | 370947 | 3762051 | RESIDENT | 1.94E-03 | 3.39E-03 | 3.24E-03 | | | | |
| 3709523762051 | 370952 | 3762051 | RESIDENT | 2.02E-03 | 3.55E-03 | 3.39E-03 | | | | |
| 3709573762051 | 370957 | 3762051 | RESIDENT | 2.11E-03 | 3.70E-03 | 3.53E-03 | | | | |
| 3709723762051 | 370972 | 3762051 | RESIDENT | 2.35E-03 | 4.14E-03 | 3.96E-03 | | | | |
| 3709773762051 | 370977 | 3762051 | RESIDENT | 2.43E-03 | 4.28E-03 | 4.09E-03 | | | | |
| 3709823762051 | 370982 | 3762051 | RESIDENT | 2.51E-03 | 4.42E-03 | 4.22E-03 | | | | |
| 3709873762051 | 370987 | 3762051 | RESIDENT | 2.57E-03 | 4.54E-03 | 4.34E-03 | | | | |
| 3709923762051 | 370992 | 3762051 | RESIDENT | 2.64E-03 | 4.66E-03 | 4.45E-03 | | | | |
| 3709973762051 | 370997 | 3762051 | RESIDENT | 2.70E-03 | 4.77E-03 | 4.56E-03 | | | | |
| 3710023762051 | 371002 | 3762051 | RESIDENT | 2.75E-03 | 4.86E-03 | 4.64E-03 | | | | |
| 3708823762056 | 370882 | 3762056 | RESIDENT | 9.96E-04 | 1.70E-03 | 1.63E-03 | | | | |
| 3708873762056 | 370887 | 3762056 | RESIDENT | 1.04E-03 | 1.78E-03 | 1.70E-03 | | | | |
| 3708923762056 | 370892 | 3762056 | RESIDENT | 1.09E-03 | 1.87E-03 | 1.79E-03 | | | | |
| 3708973762056 | 370897 | 3762056 | RESIDENT | 1.14E-03 | 1.96E-03 | 1.87E-03 | | | | |
| 3709023762056 | 370902 | 3762056 | RESIDENT | 1.19E-03 | 2.06E-03 | 1.97E-03 | | | | |
| 3709073762056 | 370907 | 3762056 | RESIDENT | 1.25E-03 | 2.16E-03 | 2.06E-03 | | | | |
| 3709123762056 | 370912 | 3762056 | RESIDENT | 1.31E-03 | 2.26E-03 | 2.16E-03 | | | | |
| 3709173762056 | 370917 | 3762056 | RESIDENT | 1.37E-03 | 2.37E-03 | 2.27E-03 | | | | |
| 3709223762056 | 370922 | 3762056 | RESIDENT | 1.43E-03 | 2.49E-03 | 2.38E-03 | | | | |
| 3709273762056 | 370927 | 3762056 | RESIDENT | 1.50E-03 | 2.62E-03 | 2.50E-03 | | | | |
| 3709323762056 | 370932 | 3762056 | RESIDENT | 1.58E-03 | 2.75E-03 | 2.63E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3709373762056 | 370937 | 3762056 | RESIDENT | 1.65E-03 | 2.87E-03 | 2.75E-03 | | | | |
| 3709423762056 | 370942 | 3762056 | RESIDENT | 1.73E-03 | 3.02E-03 | 2.89E-03 | | | | |
| 3709473762056 | 370947 | 3762056 | RESIDENT | 1.81E-03 | 3.17E-03 | 3.03E-03 | | | | |
| 3709523762056 | 370952 | 3762056 | RESIDENT | 1.89E-03 | 3.31E-03 | 3.17E-03 | | | | |
| 3709573762056 | 370957 | 3762056 | RESIDENT | 1.97E-03 | 3.45E-03 | 3.30E-03 | | | | |
| 3709623762056 | 370962 | 3762056 | RESIDENT | 2.05E-03 | 3.60E-03 | 3.44E-03 | | | | |
| 3709773762056 | 370977 | 3762056 | RESIDENT | 2.27E-03 | 4.00E-03 | 3.83E-03 | | | | |
| 3709823762056 | 370982 | 3762056 | RESIDENT | 2.34E-03 | 4.13E-03 | 3.95E-03 | | | | |
| 3709873762056 | 370987 | 3762056 | RESIDENT | 2.41E-03 | 4.25E-03 | 4.06E-03 | | | | |
| 3709923762056 | 370992 | 3762056 | RESIDENT | 2.47E-03 | 4.36E-03 | 4.17E-03 | | | | |
| 3709973762056 | 370997 | 3762056 | RESIDENT | 2.53E-03 | 4.47E-03 | 4.27E-03 | | | | |
| 3710023762056 | 371002 | 3762056 | RESIDENT | 2.58E-03 | 4.56E-03 | 4.36E-03 | | | | |
| 3714293761802 | 371429 | 3761802 | RESIDENT | 6.15E-05 | 1.05E-04 | 9.99E-05 | | | | |
| 3714293761822 | 371429 | 3761822 | RESIDENT | 7.33E-05 | 1.25E-04 | 1.20E-04 | | | | |
| 3714493761822 | 371449 | 3761822 | RESIDENT | 6.83E-05 | 1.17E-04 | 1.12E-04 | | | | |
| 3714093761842 | 371409 | 3761842 | RESIDENT | 9.95E-05 | 1.71E-04 | 1.64E-04 | | | | |
| 3714293761842 | 371429 | 3761842 | RESIDENT | 9.11E-05 | 1.57E-04 | 1.50E-04 | | | | |
| 3714493761842 | 371449 | 3761842 | RESIDENT | 8.17E-05 | 1.40E-04 | 1.34E-04 | | | | |
| 3713893761862 | 371389 | 3761862 | RESIDENT | 1.38E-04 | 2.38E-04 | 2.27E-04 | | | | |
| 3714093761862 | 371409 | 3761862 | RESIDENT | 1.23E-04 | 2.13E-04 | 2.04E-04 | | | | |
| 3714293761862 | 371429 | 3761862 | RESIDENT | 1.08E-04 | 1.87E-04 | 1.78E-04 | | | | |
| 3714493761862 | 371449 | 3761862 | RESIDENT | 9.66E-05 | 1.67E-04 | 1.59E-04 | | | | |
| 3713693761882 | 371369 | 3761882 | RESIDENT | 1.89E-04 | 3.29E-04 | 3.14E-04 | | | | |
| 3713893761882 | 371389 | 3761882 | RESIDENT | 1.70E-04 | 2.95E-04 | 2.82E-04 | | | | |
| 3714093761882 | 371409 | 3761882 | RESIDENT | 1.50E-04 | 2.61E-04 | 2.49E-04 | | | | |
| 3714293761882 | 371429 | 3761882 | RESIDENT | 1.31E-04 | 2.28E-04 | 2.18E-04 | | | | |
| 3714493761882 | 371449 | 3761882 | RESIDENT | 1.14E-04 | 1.98E-04 | 1.89E-04 | | | | |
| 3713493761902 | 371349 | 3761902 | RESIDENT | 2.69E-04 | 4.70E-04 | 4.49E-04 | | | | |
| 3713693761902 | 371369 | 3761902 | RESIDENT | 2.33E-04 | 4.07E-04 | 3.89E-04 | | | | |
| 3713893761902 | 371389 | 3761902 | RESIDENT | 2.08E-04 | 3.62E-04 | 3.46E-04 | | | | |
| 3714093761902 | 371409 | 3761902 | RESIDENT | 1.77E-04 | 3.09E-04 | 2.95E-04 | | | | |
| 3714293761902 | 371429 | 3761902 | RESIDENT | 1.56E-04 | 2.71E-04 | 2.59E-04 | | | | |
| 3714493761902 | 371449 | 3761902 | RESIDENT | 1.36E-04 | 2.36E-04 | 2.26E-04 | | | | |
| 3713493761922 | 371349 | 3761922 | RESIDENT | 3.23E-04 | 5.66E-04 | 5.41E-04 | | | | |
| 3713693761922 | 371369 | 3761922 | RESIDENT | 2.83E-04 | 4.96E-04 | 4.74E-04 | | | | |
| 3713893761922 | 371389 | 3761922 | RESIDENT | 2.47E-04 | 4.32E-04 | 4.13E-04 | | | | |
| 3714093761922 | 371409 | 3761922 | RESIDENT | 2.12E-04 | 3.69E-04 | 3.53E-04 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3714293761922 | 371429 | 3761922 | RESIDENT | 1.84E-04 | 3.20E-04 | 3.06E-04 | | | | |
| 3714493761922 | 371449 | 3761922 | RESIDENT | 1.63E-04 | 2.83E-04 | 2.71E-04 | | | | |
| 3713293761942 | 371329 | 3761942 | RESIDENT | 4.38E-04 | 7.69E-04 | 7.35E-04 | | | | |
| 3713493761942 | 371349 | 3761942 | RESIDENT | 3.86E-04 | 6.77E-04 | 6.47E-04 | | | | |
| 3713693761942 | 371369 | 3761942 | RESIDENT | 3.27E-04 | 5.72E-04 | 5.47E-04 | | | | |
| 3713893761942 | 371389 | 3761942 | RESIDENT | 2.88E-04 | 5.05E-04 | 4.83E-04 | | | | |
| 3714093761942 | 371409 | 3761942 | RESIDENT | 2.48E-04 | 4.34E-04 | 4.15E-04 | | | | |
| 3714293761942 | 371429 | 3761942 | RESIDENT | 2.16E-04 | 3.78E-04 | 3.61E-04 | | | | |
| 3714493761942 | 371449 | 3761942 | RESIDENT | 1.94E-04 | 3.39E-04 | 3.25E-04 | | | | |
| 3713093761962 | 371309 | 3761962 | RESIDENT | 5.91E-04 | 1.04E-03 | 9.94E-04 | | | | |
| 3713293761962 | 371329 | 3761962 | RESIDENT | 5.12E-04 | 9.00E-04 | 8.60E-04 | | | | |
| 3713493761962 | 371349 | 3761962 | RESIDENT | 4.45E-04 | 7.82E-04 | 7.47E-04 | | | | |
| 3713693761962 | 371369 | 3761962 | RESIDENT | 3.82E-04 | 6.70E-04 | 6.41E-04 | | | | |
| 3713893761962 | 371389 | 3761962 | RESIDENT | 3.27E-04 | 5.73E-04 | 5.48E-04 | | | | |
| 3714093761962 | 371409 | 3761962 | RESIDENT | 2.86E-04 | 5.01E-04 | 4.79E-04 | | | | |
| 3714293761962 | 371429 | 3761962 | RESIDENT | 2.51E-04 | 4.40E-04 | 4.20E-04 | | | | |
| 3714493761962 | 371449 | 3761962 | RESIDENT | 2.22E-04 | 3.88E-04 | 3.71E-04 | | | | |
| 3712893761982 | 371289 | 3761982 | RESIDENT | 7.76E-04 | 1.37E-03 | 1.31E-03 | | | | |
| 3713093761982 | 371309 | 3761982 | RESIDENT | 6.65E-04 | 1.17E-03 | 1.12E-03 | | | | |
| 3713293761982 | 371329 | 3761982 | RESIDENT | 5.79E-04 | 1.02E-03 | 9.74E-04 | | | | |
| 3713493761982 | 371349 | 3761982 | RESIDENT | 4.96E-04 | 8.72E-04 | 8.34E-04 | | | | |
| 3713693761982 | 371369 | 3761982 | RESIDENT | 4.32E-04 | 7.59E-04 | 7.26E-04 | | | | |
| 3713893761982 | 371389 | 3761982 | RESIDENT | 3.72E-04 | 6.54E-04 | 6.25E-04 | | | | |
| 3714093761982 | 371409 | 3761982 | RESIDENT | 3.26E-04 | 5.71E-04 | 5.46E-04 | | | | |
| 3714293761982 | 371429 | 3761982 | RESIDENT | 2.92E-04 | 5.12E-04 | 4.89E-04 | | | | |
| 3714493761982 | 371449 | 3761982 | RESIDENT | 2.56E-04 | 4.49E-04 | 4.29E-04 | | | | |
| 3712893762002 | 371289 | 3762002 | RESIDENT | 8.42E-04 | 1.49E-03 | 1.42E-03 | | | | |
| 3713093762002 | 371309 | 3762002 | RESIDENT | 7.34E-04 | 1.29E-03 | 1.24E-03 | | | | |
| 3713293762002 | 371329 | 3762002 | RESIDENT | 6.29E-04 | 1.11E-03 | 1.06E-03 | | | | |
| 3713493762002 | 371349 | 3762002 | RESIDENT | 5.46E-04 | 9.61E-04 | 9.18E-04 | | | | |
| 3713693762002 | 371369 | 3762002 | RESIDENT | 4.76E-04 | 8.38E-04 | 8.01E-04 | | | | |
| 3713893762002 | 371389 | 3762002 | RESIDENT | 4.16E-04 | 7.31E-04 | 6.99E-04 | | | | |
| 3714093762002 | 371409 | 3762002 | RESIDENT | 3.66E-04 | 6.43E-04 | 6.15E-04 | | | | |
| 3714293762002 | 371429 | 3762002 | RESIDENT | 3.25E-04 | 5.71E-04 | 5.45E-04 | | | | |
| 3714493762002 | 371449 | 3762002 | RESIDENT | 2.90E-04 | 5.09E-04 | 4.86E-04 | | | | |
| 3712693762022 | 371269 | 3762022 | RESIDENT | 1.03E-03 | 1.82E-03 | 1.74E-03 | | | | |
| 3712893762022 | 371289 | 3762022 | RESIDENT | 9.00E-04 | 1.59E-03 | 1.52E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3713093762022 | 371309 | 3762022 | RESIDENT | 7.85E-04 | 1.38E-03 | 1.32E-03 | | | | |
| 3713293762022 | 371329 | 3762022 | RESIDENT | 6.83E-04 | 1.20E-03 | 1.15E-03 | | | | |
| 3713493762022 | 371349 | 3762022 | RESIDENT | 5.94E-04 | 1.05E-03 | 9.99E-04 | | | | |
| 3713693762022 | 371369 | 3762022 | RESIDENT | 5.21E-04 | 9.16E-04 | 8.76E-04 | | | | |
| 3713893762022 | 371389 | 3762022 | RESIDENT | 4.60E-04 | 8.09E-04 | 7.74E-04 | | | | |
| 3714093762022 | 371409 | 3762022 | RESIDENT | 4.08E-04 | 7.18E-04 | 6.86E-04 | | | | |
| 3714293762022 | 371429 | 3762022 | RESIDENT | 3.61E-04 | 6.35E-04 | 6.07E-04 | | | | |
| 3712893762042 | 371289 | 3762042 | RESIDENT | 9.34E-04 | 1.65E-03 | 1.58E-03 | | | | |
| 3713093762042 | 371309 | 3762042 | RESIDENT | 8.22E-04 | 1.45E-03 | 1.39E-03 | | | | |
| 3713293762042 | 371329 | 3762042 | RESIDENT | 7.25E-04 | 1.28E-03 | 1.22E-03 | | | | |
| 3713493762042 | 371349 | 3762042 | RESIDENT | 6.39E-04 | 1.13E-03 | 1.08E-03 | | | | |
| 3713693762042 | 371369 | 3762042 | RESIDENT | 5.60E-04 | 9.86E-04 | 9.42E-04 | | | | |
| 3713893762042 | 371389 | 3762042 | RESIDENT | 4.95E-04 | 8.71E-04 | 8.33E-04 | | | | |
| 3714093762042 | 371409 | 3762042 | RESIDENT | 4.43E-04 | 7.80E-04 | 7.45E-04 | | | | |
| 3714293762042 | 371429 | 3762042 | RESIDENT | 3.93E-04 | 6.90E-04 | 6.60E-04 | | | | |
| 3708693762062 | 370869 | 3762062 | RESIDENT | 8.45E-04 | 1.43E-03 | 1.37E-03 | | | | |
| 3708893762062 | 370889 | 3762062 | RESIDENT | 9.95E-04 | 1.70E-03 | 1.63E-03 | | | | |
| 3709093762062 | 370909 | 3762062 | RESIDENT | 1.19E-03 | 2.05E-03 | 1.96E-03 | | | | |
| 3709293762062 | 370929 | 3762062 | RESIDENT | 1.42E-03 | 2.47E-03 | 2.37E-03 | | | | |
| 3709493762062 | 370949 | 3762062 | RESIDENT | 1.70E-03 | 2.98E-03 | 2.85E-03 | | | | |
| 3709693762062 | 370969 | 3762062 | RESIDENT | 1.99E-03 | 3.50E-03 | 3.34E-03 | | | | |
| 3709893762062 | 370989 | 3762062 | RESIDENT | 2.25E-03 | 3.97E-03 | 3.80E-03 | | | | |
| 3710093762062 | 371009 | 3762062 | RESIDENT | 2.45E-03 | 4.33E-03 | 4.14E-03 | | | | |
| 3712493762062 | 371249 | 3762062 | RESIDENT | 1.20E-03 | 2.13E-03 | 2.03E-03 | | | | |
| 3713293762062 | 371329 | 3762062 | RESIDENT | 7.51E-04 | 1.33E-03 | 1.27E-03 | | | | |
| 3713493762062 | 371349 | 3762062 | RESIDENT | 6.68E-04 | 1.18E-03 | 1.13E-03 | | | | |
| 3713693762062 | 371369 | 3762062 | RESIDENT | 5.95E-04 | 1.05E-03 | 1.00E-03 | | | | |
| 3713893762062 | 371389 | 3762062 | RESIDENT | 5.29E-04 | 9.31E-04 | 8.90E-04 | | | | |
| 3714093762062 | 371409 | 3762062 | RESIDENT | 4.72E-04 | 8.30E-04 | 7.94E-04 | | | | |
| 3708693762082 | 370869 | 3762082 | RESIDENT | 7.02E-04 | 1.18E-03 | 1.13E-03 | | | | |
| 3708893762082 | 370889 | 3762082 | RESIDENT | 8.16E-04 | 1.39E-03 | 1.33E-03 | | | | |
| 3709093762082 | 370909 | 3762082 | RESIDENT | 9.60E-04 | 1.65E-03 | 1.58E-03 | | | | |
| 3709293762082 | 370929 | 3762082 | RESIDENT | 1.13E-03 | 1.95E-03 | 1.87E-03 | | | | |
| 3709493762082 | 370949 | 3762082 | RESIDENT | 1.33E-03 | 2.32E-03 | 2.22E-03 | | | | |
| 3709693762082 | 370969 | 3762082 | RESIDENT | 1.55E-03 | 2.71E-03 | 2.59E-03 | | | | |
| 3709893762082 | 370989 | 3762082 | RESIDENT | 1.76E-03 | 3.10E-03 | 2.96E-03 | | | | |
| 3710093762082 | 371009 | 3762082 | RESIDENT | 1.94E-03 | 3.42E-03 | 3.27E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3710293762082 | 371029 | 3762082 | RESIDENT | 2.06E-03 | 3.64E-03 | 3.48E-03 | | | | |
| 3711893762082 | 371189 | 3762082 | RESIDENT | 1.58E-03 | 2.79E-03 | 2.67E-03 | | | | |
| 3712093762082 | 371209 | 3762082 | RESIDENT | 1.44E-03 | 2.54E-03 | 2.43E-03 | | | | |
| 3712293762082 | 371229 | 3762082 | RESIDENT | 1.30E-03 | 2.31E-03 | 2.20E-03 | | | | |
| 3712493762082 | 371249 | 3762082 | RESIDENT | 1.18E-03 | 2.08E-03 | 1.99E-03 | | | | |
| 3712693762082 | 371269 | 3762082 | RESIDENT | 1.06E-03 | 1.87E-03 | 1.79E-03 | | | | |
| 3712893762082 | 371289 | 3762082 | RESIDENT | 9.53E-04 | 1.68E-03 | 1.61E-03 | | | | |
| 3713493762082 | 371349 | 3762082 | RESIDENT | 6.85E-04 | 1.21E-03 | 1.15E-03 | | | | |
| 3713693762082 | 371369 | 3762082 | RESIDENT | 6.15E-04 | 1.08E-03 | 1.04E-03 | | | | |
| 3713893762082 | 371389 | 3762082 | RESIDENT | 5.53E-04 | 9.73E-04 | 9.30E-04 | | | | |
| 3708693762102 | 370869 | 3762102 | RESIDENT | 5.91E-04 | 9.87E-04 | 9.45E-04 | | | | |
| 3708893762102 | 370889 | 3762102 | RESIDENT | 6.77E-04 | 1.15E-03 | 1.10E-03 | | | | |
| 3709093762102 | 370909 | 3762102 | RESIDENT | 7.89E-04 | 1.35E-03 | 1.29E-03 | | | | |
| 3709293762102 | 370929 | 3762102 | RESIDENT | 9.20E-04 | 1.59E-03 | 1.52E-03 | | | | |
| 3709493762102 | 370949 | 3762102 | RESIDENT | 1.06E-03 | 1.85E-03 | 1.77E-03 | | | | |
| 3709693762102 | 370969 | 3762102 | RESIDENT | 1.23E-03 | 2.14E-03 | 2.05E-03 | | | | |
| 3709893762102 | 370989 | 3762102 | RESIDENT | 1.40E-03 | 2.45E-03 | 2.34E-03 | | | | |
| 3710093762102 | 371009 | 3762102 | RESIDENT | 1.55E-03 | 2.73E-03 | 2.61E-03 | | | | |
| 3710293762102 | 371029 | 3762102 | RESIDENT | 1.67E-03 | 2.94E-03 | 2.81E-03 | | | | |
| 3711893762102 | 371189 | 3762102 | RESIDENT | 1.46E-03 | 2.58E-03 | 2.46E-03 | | | | |
| 3712093762102 | 371209 | 3762102 | RESIDENT | 1.35E-03 | 2.38E-03 | 2.28E-03 | | | | |
| 3712293762102 | 371229 | 3762102 | RESIDENT | 1.24E-03 | 2.19E-03 | 2.10E-03 | | | | |
| 3712493762102 | 371249 | 3762102 | RESIDENT | 1.14E-03 | 2.01E-03 | 1.92E-03 | | | | |
| 3712693762102 | 371269 | 3762102 | RESIDENT | 1.04E-03 | 1.83E-03 | 1.75E-03 | | | | |
| 3712893762102 | 371289 | 3762102 | RESIDENT | 9.40E-04 | 1.66E-03 | 1.59E-03 | | | | |
| 3713093762102 | 371309 | 3762102 | RESIDENT | 8.52E-04 | 1.50E-03 | 1.44E-03 | | | | |
| 3713693762102 | 371369 | 3762102 | RESIDENT | 6.29E-04 | 1.11E-03 | 1.06E-03 | | | | |
| 3708693762122 | 370869 | 3762122 | RESIDENT | 5.04E-04 | 8.37E-04 | 8.01E-04 | | | | |
| 3708893762122 | 370889 | 3762122 | RESIDENT | 5.70E-04 | 9.58E-04 | 9.17E-04 | | | | |
| 3709093762122 | 370909 | 3762122 | RESIDENT | 6.55E-04 | 1.11E-03 | 1.06E-03 | | | | |
| 3709293762122 | 370929 | 3762122 | RESIDENT | 7.59E-04 | 1.30E-03 | 1.24E-03 | | | | |
| 3709493762122 | 370949 | 3762122 | RESIDENT | 8.70E-04 | 1.50E-03 | 1.44E-03 | | | | |
| 3709693762122 | 370969 | 3762122 | RESIDENT | 9.93E-04 | 1.72E-03 | 1.65E-03 | | | | |
| 3709893762122 | 370989 | 3762122 | RESIDENT | 1.13E-03 | 1.97E-03 | 1.88E-03 | | | | |
| 3710093762122 | 371009 | 3762122 | RESIDENT | 1.26E-03 | 2.20E-03 | 2.11E-03 | | | | |
| 3710293762122 | 371029 | 3762122 | RESIDENT | 1.36E-03 | 2.39E-03 | 2.29E-03 | | | | |
| 3711893762122 | 371189 | 3762122 | RESIDENT | 1.33E-03 | 2.35E-03 | 2.25E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3712093762122 | 371209 | 3762122 | RESIDENT | 1.25E-03 | 2.21E-03 | 2.11E-03 | | | | |
| 3712293762122 | 371229 | 3762122 | RESIDENT | 1.17E-03 | 2.06E-03 | 1.97E-03 | | | | |
| 3712493762122 | 371249 | 3762122 | RESIDENT | 1.08E-03 | 1.91E-03 | 1.82E-03 | | | | |
| 3712693762122 | 371269 | 3762122 | RESIDENT | 9.96E-04 | 1.76E-03 | 1.68E-03 | | | | |
| 3712893762122 | 371289 | 3762122 | RESIDENT | 9.15E-04 | 1.61E-03 | 1.54E-03 | | | | |
| 3713093762122 | 371309 | 3762122 | RESIDENT | 8.38E-04 | 1.48E-03 | 1.41E-03 | | | | |
| 3713293762122 | 371329 | 3762122 | RESIDENT | 7.65E-04 | 1.35E-03 | 1.29E-03 | | | | |
| 3708693762142 | 370869 | 3762142 | RESIDENT | 4.36E-04 | 7.20E-04 | 6.88E-04 | | | | |
| 3708893762142 | 370889 | 3762142 | RESIDENT | 4.86E-04 | 8.13E-04 | 7.78E-04 | | | | |
| 3709093762142 | 370909 | 3762142 | RESIDENT | 5.51E-04 | 9.31E-04 | 8.91E-04 | | | | |
| 3709293762142 | 370929 | 3762142 | RESIDENT | 6.35E-04 | 1.08E-03 | 1.04E-03 | | | | |
| 3709493762142 | 370949 | 3762142 | RESIDENT | 7.23E-04 | 1.24E-03 | 1.19E-03 | | | | |
| 3709693762142 | 370969 | 3762142 | RESIDENT | 8.18E-04 | 1.41E-03 | 1.35E-03 | | | | |
| 3709893762142 | 370989 | 3762142 | RESIDENT | 9.22E-04 | 1.60E-03 | 1.53E-03 | | | | |
| 3710093762142 | 371009 | 3762142 | RESIDENT | 1.03E-03 | 1.80E-03 | 1.72E-03 | | | | |
| 3710293762142 | 371029 | 3762142 | RESIDENT | 1.12E-03 | 1.96E-03 | 1.88E-03 | | | | |
| 3711893762142 | 371189 | 3762142 | RESIDENT | 1.21E-03 | 2.13E-03 | 2.03E-03 | | | | |
| 3712093762142 | 371209 | 3762142 | RESIDENT | 1.15E-03 | 2.03E-03 | 1.94E-03 | | | | |
| 3712293762142 | 371229 | 3762142 | RESIDENT | 1.09E-03 | 1.91E-03 | 1.83E-03 | | | | |
| 3712493762142 | 371249 | 3762142 | RESIDENT | 1.02E-03 | 1.79E-03 | 1.71E-03 | | | | |
| 3712693762142 | 371269 | 3762142 | RESIDENT | 9.48E-04 | 1.67E-03 | 1.60E-03 | | | | |
| 3712893762142 | 371289 | 3762142 | RESIDENT | 8.80E-04 | 1.55E-03 | 1.48E-03 | | | | |
| 3713093762142 | 371309 | 3762142 | RESIDENT | 8.14E-04 | 1.44E-03 | 1.37E-03 | | | | |
| 3713293762142 | 371329 | 3762142 | RESIDENT | 7.50E-04 | 1.32E-03 | 1.26E-03 | | | | |
| 3713493762142 | 371349 | 3762142 | RESIDENT | 6.89E-04 | 1.21E-03 | 1.16E-03 | | | | |
| 3713693762142 | 371369 | 3762142 | RESIDENT | 6.33E-04 | 1.11E-03 | 1.07E-03 | | | | |
| 3708693762162 | 370869 | 3762162 | RESIDENT | 3.80E-04 | 6.25E-04 | 5.98E-04 | | | | |
| 3708893762162 | 370889 | 3762162 | RESIDENT | 4.23E-04 | 7.04E-04 | 6.74E-04 | | | | |
| 3709093762162 | 370909 | 3762162 | RESIDENT | 4.74E-04 | 7.98E-04 | 7.63E-04 | | | | |
| 3709293762162 | 370929 | 3762162 | RESIDENT | 5.38E-04 | 9.14E-04 | 8.75E-04 | | | | |
| 3709493762162 | 370949 | 3762162 | RESIDENT | 6.08E-04 | 1.04E-03 | 9.96E-04 | | | | |
| 3709693762162 | 370969 | 3762162 | RESIDENT | 6.82E-04 | 1.17E-03 | 1.12E-03 | | | | |
| 3709893762162 | 370989 | 3762162 | RESIDENT | 7.65E-04 | 1.33E-03 | 1.27E-03 | | | | |
| 3710093762162 | 371009 | 3762162 | RESIDENT | 8.56E-04 | 1.49E-03 | 1.42E-03 | | | | |
| 3710293762162 | 371029 | 3762162 | RESIDENT | 9.33E-04 | 1.63E-03 | 1.56E-03 | | | | |
| 3711893762162 | 371189 | 3762162 | RESIDENT | 1.09E-03 | 1.92E-03 | 1.83E-03 | | | | |
| 3712093762162 | 371209 | 3762162 | RESIDENT | 1.05E-03 | 1.85E-03 | 1.76E-03 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3712293762162 | 371229 | 3762162 | RESIDENT | 1.00E-03 | 1.76E-03 | 1.69E-03 | | | | |
| 3712493762162 | 371249 | 3762162 | RESIDENT | 9.48E-04 | 1.67E-03 | 1.60E-03 | | | | |
| 3712693762162 | 371269 | 3762162 | RESIDENT | 8.94E-04 | 1.58E-03 | 1.51E-03 | | | | |
| 3712893762162 | 371289 | 3762162 | RESIDENT | 8.37E-04 | 1.48E-03 | 1.41E-03 | | | | |
| 3713093762162 | 371309 | 3762162 | RESIDENT | 7.83E-04 | 1.38E-03 | 1.32E-03 | | | | |
| 3713293762162 | 371329 | 3762162 | RESIDENT | 7.27E-04 | 1.28E-03 | 1.23E-03 | | | | |
| 3713493762162 | 371349 | 3762162 | RESIDENT | 6.74E-04 | 1.19E-03 | 1.14E-03 | | | | |
| 3713693762162 | 371369 | 3762162 | RESIDENT | 6.23E-04 | 1.10E-03 | 1.05E-03 | | | | |
| 3713893762162 | 371389 | 3762162 | RESIDENT | 5.76E-04 | 1.01E-03 | 9.69E-04 | | | | |
| 3708693762182 | 370869 | 3762182 | RESIDENT | 3.33E-04 | 5.45E-04 | 5.21E-04 | | | | |
| 3708893762182 | 370889 | 3762182 | RESIDENT | 3.68E-04 | 6.09E-04 | 5.83E-04 | | | | |
| 3709093762182 | 370909 | 3762182 | RESIDENT | 4.10E-04 | 6.86E-04 | 6.56E-04 | | | | |
| 3709293762182 | 370929 | 3762182 | RESIDENT | 4.61E-04 | 7.80E-04 | 7.46E-04 | | | | |
| 3709493762182 | 370949 | 3762182 | RESIDENT | 5.16E-04 | 8.80E-04 | 8.41E-04 | | | | |
| 3709693762182 | 370969 | 3762182 | RESIDENT | 5.76E-04 | 9.88E-04 | 9.44E-04 | | | | |
| 3709893762182 | 370989 | 3762182 | RESIDENT | 6.41E-04 | 1.11E-03 | 1.06E-03 | | | | |
| 3710093762182 | 371009 | 3762182 | RESIDENT | 7.17E-04 | 1.24E-03 | 1.19E-03 | | | | |
| 3710293762182 | 371029 | 3762182 | RESIDENT | 7.81E-04 | 1.36E-03 | 1.30E-03 | | | | |
| 3711893762182 | 371189 | 3762182 | RESIDENT | 9.74E-04 | 1.71E-03 | 1.64E-03 | | | | |
| 3712093762182 | 371209 | 3762182 | RESIDENT | 9.49E-04 | 1.67E-03 | 1.60E-03 | | | | |
| 3712293762182 | 371229 | 3762182 | RESIDENT | 9.17E-04 | 1.62E-03 | 1.54E-03 | | | | |
| 3712493762182 | 371249 | 3762182 | RESIDENT | 8.77E-04 | 1.55E-03 | 1.48E-03 | | | | |
| 3712693762182 | 371269 | 3762182 | RESIDENT | 8.35E-04 | 1.47E-03 | 1.41E-03 | | | | |
| 3712893762182 | 371289 | 3762182 | RESIDENT | 7.90E-04 | 1.39E-03 | 1.33E-03 | | | | |
| 3713093762182 | 371309 | 3762182 | RESIDENT | 7.45E-04 | 1.31E-03 | 1.26E-03 | | | | |
| 3713293762182 | 371329 | 3762182 | RESIDENT | 6.99E-04 | 1.23E-03 | 1.18E-03 | | | | |
| 3713493762182 | 371349 | 3762182 | RESIDENT | 6.53E-04 | 1.15E-03 | 1.10E-03 | | | | |
| 3713693762182 | 371369 | 3762182 | RESIDENT | 6.09E-04 | 1.07E-03 | 1.02E-03 | | | | |
| 3713893762182 | 371389 | 3762182 | RESIDENT | 5.67E-04 | 9.98E-04 | 9.54E-04 | | | | |
| 3714093762182 | 371409 | 3762182 | RESIDENT | 5.25E-04 | 9.24E-04 | 8.83E-04 | | | | |
| 3714293762182 | 371429 | 3762182 | RESIDENT | 4.87E-04 | 8.57E-04 | 8.19E-04 | | | | |
| 3708693762202 | 370869 | 3762202 | RESIDENT | 2.93E-04 | 4.77E-04 | 4.56E-04 | | | | |
| 3708893762202 | 370889 | 3762202 | RESIDENT | 3.21E-04 | 5.29E-04 | 5.06E-04 | | | | |
| 3709093762202 | 370909 | 3762202 | RESIDENT | 3.55E-04 | 5.90E-04 | 5.65E-04 | | | | |
| 3709293762202 | 370929 | 3762202 | RESIDENT | 3.97E-04 | 6.68E-04 | 6.39E-04 | | | | |
| 3709493762202 | 370949 | 3762202 | RESIDENT | 4.41E-04 | 7.48E-04 | 7.16E-04 | | | | |
| 3709693762202 | 370969 | 3762202 | RESIDENT | 4.90E-04 | 8.36E-04 | 8.00E-04 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 | Construction Year 2 | Construction Year 3 | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project Concentrations (ug/m$^3$) | | | Project Concentrations (ug/m$^3$) | | | |
| 3709893762202 | 370989 | 3762202 | RESIDENT | 5.44E-04 | 9.35E-04 | 8.94E-04 | | | | |
| 3710093762202 | 371009 | 3762202 | RESIDENT | 6.06E-04 | 1.05E-03 | 1.00E-03 | | | | |
| 3710293762202 | 371029 | 3762202 | RESIDENT | 6.54E-04 | 1.13E-03 | 1.08E-03 | | | | |
| 3711893762202 | 371189 | 3762202 | RESIDENT | 8.70E-04 | 1.53E-03 | 1.46E-03 | | | | |
| 3712093762202 | 371209 | 3762202 | RESIDENT | 8.56E-04 | 1.51E-03 | 1.44E-03 | | | | |
| 3712293762202 | 371229 | 3762202 | RESIDENT | 8.35E-04 | 1.47E-03 | 1.41E-03 | | | | |
| 3712493762202 | 371249 | 3762202 | RESIDENT | 8.06E-04 | 1.42E-03 | 1.36E-03 | | | | |
| 3712693762202 | 371269 | 3762202 | RESIDENT | 7.76E-04 | 1.37E-03 | 1.31E-03 | | | | |
| 3712893762202 | 371289 | 3762202 | RESIDENT | 7.40E-04 | 1.30E-03 | 1.25E-03 | | | | |
| 3713093762202 | 371309 | 3762202 | RESIDENT | 7.05E-04 | 1.24E-03 | 1.19E-03 | | | | |
| 3713293762202 | 371329 | 3762202 | RESIDENT | 6.66E-04 | 1.17E-03 | 1.12E-03 | | | | |
| 3713493762202 | 371349 | 3762202 | RESIDENT | 6.28E-04 | 1.10E-03 | 1.06E-03 | | | | |
| 3713693762202 | 371369 | 3762202 | RESIDENT | 5.89E-04 | 1.04E-03 | 9.92E-04 | | | | |
| 3713893762202 | 371389 | 3762202 | RESIDENT | 5.53E-04 | 9.72E-04 | 9.30E-04 | | | | |
| 3714093762202 | 371409 | 3762202 | RESIDENT | 5.16E-04 | 9.07E-04 | 8.67E-04 | | | | |
| 3714293762202 | 371429 | 3762202 | RESIDENT | 4.81E-04 | 8.45E-04 | 8.08E-04 | | | | |
| 3714493762202 | 371449 | 3762202 | RESIDENT | 4.48E-04 | 7.87E-04 | 7.52E-04 | | | | |
| 3708693762222 | 370869 | 3762222 | RESIDENT | 2.57E-04 | 4.17E-04 | 3.99E-04 | | | | |
| 3708893762222 | 370889 | 3762222 | RESIDENT | 2.80E-04 | 4.60E-04 | 4.40E-04 | | | | |
| 3709093762222 | 370909 | 3762222 | RESIDENT | 3.08E-04 | 5.11E-04 | 4.89E-04 | | | | |
| 3709293762222 | 370929 | 3762222 | RESIDENT | 3.44E-04 | 5.75E-04 | 5.50E-04 | | | | |
| 3709493762222 | 370949 | 3762222 | RESIDENT | 3.80E-04 | 6.41E-04 | 6.13E-04 | | | | |
| 3709693762222 | 370969 | 3762222 | RESIDENT | 4.21E-04 | 7.15E-04 | 6.84E-04 | | | | |
| 3709893762222 | 370989 | 3762222 | RESIDENT | 4.66E-04 | 7.97E-04 | 7.62E-04 | | | | |
| 3710093762222 | 371009 | 3762222 | RESIDENT | 5.17E-04 | 8.90E-04 | 8.51E-04 | | | | |
| 3710293762222 | 371029 | 3762222 | RESIDENT | 5.59E-04 | 9.66E-04 | 9.23E-04 | | | | |
| 3711893762222 | 371189 | 3762222 | RESIDENT | 7.76E-04 | 1.36E-03 | 1.30E-03 | | | | |
| 3712093762222 | 371209 | 3762222 | RESIDENT | 7.70E-04 | 1.35E-03 | 1.29E-03 | | | | |
| 3712293762222 | 371229 | 3762222 | RESIDENT | 7.58E-04 | 1.33E-03 | 1.27E-03 | | | | |
| 3712493762222 | 371249 | 3762222 | RESIDENT | 7.39E-04 | 1.30E-03 | 1.24E-03 | | | | |
| 3712693762222 | 371269 | 3762222 | RESIDENT | 7.16E-04 | 1.26E-03 | 1.20E-03 | | | | |
| 3712893762222 | 371289 | 3762222 | RESIDENT | 6.89E-04 | 1.21E-03 | 1.16E-03 | | | | |
| 3713093762222 | 371309 | 3762222 | RESIDENT | 6.62E-04 | 1.16E-03 | 1.11E-03 | | | | |
| 3713293762222 | 371329 | 3762222 | RESIDENT | 6.31E-04 | 1.11E-03 | 1.06E-03 | | | | |
| 3713493762222 | 371349 | 3762222 | RESIDENT | 5.99E-04 | 1.05E-03 | 1.01E-03 | | | | |
| 3713693762222 | 371369 | 3762222 | RESIDENT | 5.66E-04 | 9.97E-04 | 9.53E-04 | | | | |
| 3713893762222 | 371389 | 3762222 | RESIDENT | 5.35E-04 | 9.41E-04 | 8.99E-04 | | | | |

**Chronic Concentrations**

| XY | X | Y | Receptor Group | Construction Year 1 Project Concentrations (ug/m$^3$) | Construction Year 2 Project Concentrations (ug/m$^3$) | Construction Year 3 Project Concentrations (ug/m$^3$) | Construction Year 1 | Construction Year 2 | Construction Year 3 | Residential Maximum |
|---|---|---|---|---|---|---|---|---|---|---|
| 3714093762222 | 371409 | 3762222 | RESIDENT | 5.02E-04 | 8.84E-04 | 8.45E-04 | | | | |
| 3714293762222 | 371429 | 3762222 | RESIDENT | 4.71E-04 | 8.28E-04 | 7.92E-04 | | | | |
| 3714493762222 | 371449 | 3762222 | RESIDENT | 4.41E-04 | 7.76E-04 | 7.42E-04 | | | | |
| 3708693762242 | 370869 | 3762242 | RESIDENT | 2.31E-04 | 3.73E-04 | 3.57E-04 | | | | |
| 3708893762242 | 370889 | 3762242 | RESIDENT | 2.50E-04 | 4.10E-04 | 3.92E-04 | | | | |
| 3709093762242 | 370909 | 3762242 | RESIDENT | 2.74E-04 | 4.52E-04 | 4.32E-04 | | | | |
| 3709293762242 | 370929 | 3762242 | RESIDENT | 3.01E-04 | 5.03E-04 | 4.81E-04 | | | | |
| 3709493762242 | 370949 | 3762242 | RESIDENT | 3.31E-04 | 5.57E-04 | 5.33E-04 | | | | |
| 3709693762242 | 370969 | 3762242 | RESIDENT | 3.65E-04 | 6.18E-04 | 5.92E-04 | | | | |
| 3709893762242 | 370989 | 3762242 | RESIDENT | 4.03E-04 | 6.87E-04 | 6.57E-04 | | | | |
| 3710093762242 | 371009 | 3762242 | RESIDENT | 4.45E-04 | 7.63E-04 | 7.30E-04 | | | | |
| 3710293762242 | 371029 | 3762242 | RESIDENT | 4.82E-04 | 8.31E-04 | 7.94E-04 | | | | |
| 3711893762242 | 371189 | 3762242 | RESIDENT | 6.92E-04 | 1.21E-03 | 1.16E-03 | | | | |
| 3712093762242 | 371209 | 3762242 | RESIDENT | 6.91E-04 | 1.21E-03 | 1.16E-03 | | | | |
| 3712293762242 | 371229 | 3762242 | RESIDENT | 6.87E-04 | 1.21E-03 | 1.15E-03 | | | | |
| 3712493762242 | 371249 | 3762242 | RESIDENT | 6.74E-04 | 1.18E-03 | 1.13E-03 | | | | |
| 3712693762242 | 371269 | 3762242 | RESIDENT | 6.58E-04 | 1.16E-03 | 1.11E-03 | | | | |
| 3712893762242 | 371289 | 3762242 | RESIDENT | 6.39E-04 | 1.12E-03 | 1.07E-03 | | | | |
| 3713093762242 | 371309 | 3762242 | RESIDENT | 6.18E-04 | 1.09E-03 | 1.04E-03 | | | | |
| 3713293762242 | 371329 | 3762242 | RESIDENT | 5.94E-04 | 1.04E-03 | 9.98E-04 | | | | |
| 3713493762242 | 371349 | 3762242 | RESIDENT | 5.68E-04 | 9.98E-04 | 9.54E-04 | | | | |
| 3713693762242 | 371369 | 3762242 | RESIDENT | 5.41E-04 | 9.51E-04 | 9.09E-04 | | | | |
| 3713893762242 | 371389 | 3762242 | RESIDENT | 5.14E-04 | 9.03E-04 | 8.64E-04 | | | | |
| 3714093762242 | 371409 | 3762242 | RESIDENT | 4.86E-04 | 8.54E-04 | 8.17E-04 | | | | |
| 3714293762242 | 371429 | 3762242 | RESIDENT | 4.59E-04 | 8.06E-04 | 7.70E-04 | | | | |
| 3714493762242 | 371449 | 3762242 | RESIDENT | 4.32E-04 | 7.60E-04 | 7.26E-04 | | | | |

**Construction Health Risk Assessment**
**Maximum Non-cancer Chronic Hazards / Toxicological Endpoints -Without Mitigation ***

| | | Pollutant | CREL[1] | CONC | WFrac | $CONC_{WF}$ | HI | ALIM | BN | CVS | DEV | ENDC | EYE | HEM | IMMUN | KIDN | NS | REPRO | RESP | SK | Threshold | Over? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Project:** | | | | | | | | | | | | | | | | | | | | | | |
| Max Residential Receptor | | DPM | 5.00E+00 | 5.70E-02 | 1.00E+00 | 5.70E-02 | **1.14E-02** | -- | - | - | - | - | - | - | - | - | - | - | 0.0114 | - | 1.0 | NO |

Sources:

1. California Air Resources Board, "Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values" and "OEHHA/ARB Approved Chronic Reference Exposure Levels and Target Organs," http://www.arb.ca.gov/toxics/healthval/healthval.htm.
Tables last updated: September 9, 2016 and March 30, 2016. Downloaded 02/10/2017.

Where:

| | |
|---|---|
| $CONC_{WF}$ | Pollutant Concentration ($\mu g/m^3$) multiplied by the weight fraction |
| CREL | Chronic Reference Exposure Level |
| HI | Hazard Index |
| MEI | Maximally Exposed Individual |
| WFrac | Weight fraction of speciated component |

* Key to Toxicological Endpoints

| | | | | | |
|---|---|---|---|---|---|
| ALIM | Alimentary Tract | EYE | Eye | NS | Nervous System |
| BN | Bone | HEM | Hematologic System | REPRO | Reproductive System |
| CVS | Cardiovascular System | IMMUN | Immune System | RESP | Respiratory System |
| DEV | Developmental System | KIDN | Kidney | SK | Skin |
| ENDC | Endocrine System | | | | |

HHDT Running Emission Factors

| Year | PM10 RunEx (g/mi) |
|---|---|
| 2020 | 6.25E-02 |
| 2021 | 5.22E-02 |
| 2022 | 2.96E-02 |

EMFAC2017 (v1.0.2) Emission Rates
Region Type: Air District
Region: SOUTH COAST AQMD
Calendar Year: 2020, 2021, 2022
Season: Annual
Vehicle Classification: EMFAC2007 Categories

HHDT Idling Emission Factors

| Year | PM10 IdleEx (g/hr) |
|---|---|
| 2020 | 0.025 |
| 2021 | 0.021 |
| 2022 | 0.015 |

HHDT Idling Emission Factors

| Year | PM10 IdleEx (g/min) |
|---|---|
| 2020 | 0.00042 |
| 2021 | 0.00035 |
| 2022 | 0.00026 |

EMFAC2017, Desktop Version
Emission Rates, Project Level, HHDT

# A-3 Existing Site Operational Emissions

**Jefferson Hotel Project**

**Existing Regional Emissions**

| DAILY MAXIMUM | ROG | NOx | CO | SO2 | PM10 Total | PM2.5 Total |
|---|---|---|---|---|---|---|
| Category | lb/day | | | | | |
| Area | <1 | <1 | <1 | <1 | <1 | <1 |
| Energy | <1 | <1 | <1 | <1 | <1 | <1 |
| Mobile | 1 | 1 | 9 | <1 | 1 | <1 |
| **Existing Site Total** | **2** | **1** | **9** | **<1** | **1** | **<1** |

**Jefferson Hotel Project**

## Existing Localized Emissions

| DAILY MAXIMUM | NOx | CO | PM10 Total | PM2.5 Total |
|---|---|---|---|---|
| **Category** | **lb/day** | | | |
| Area | <1 | <1 | <1 | <1 |
| Energy | <1 | <1 | <1 | <1 |
| **Existing Site Total** | **<1** | **<1** | **<1** | **<1** |

**Jefferson Hotel Project**

**Existing Regional Emissions**

| SUMMER | ROG | NOx | CO | SO2 | PM10 Total | PM2.5 Total |
|---|---|---|---|---|---|---|
| Category | lb/day | | | | | |
| Area | 0.306 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 |
| Energy | 0.001 | 0.006 | 0.005 | 0.000 | 0.000 | 0.000 |
| Mobile | 1.437 | 1.279 | 9.217 | 0.016 | 1.361 | 0.376 |
| Total | 1.744 | 1.285 | 9.225 | 0.016 | 1.362 | 0.377 |

| WINTER | ROG | NOx | CO | SO2 | PM10 Total | PM2.5 Total |
|---|---|---|---|---|---|---|
| Category | lb/day | | | | | |
| Area | 0.306 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 |
| Energy | 0.001 | 0.006 | 0.005 | 0.000 | 0.000 | 0.000 |
| Mobile | 1.452 | 1.368 | 8.990 | 0.015 | 1.361 | 0.376 |
| Total | 1.759 | 1.374 | 8.998 | 0.015 | 1.362 | 0.377 |

| DAILY MAXIMUM | ROG | NOx | CO | SO2 | PM10 Total | PM2.5 Total |
|---|---|---|---|---|---|---|
| Category | lb/day | | | | | |
| Area | 0.306 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 |
| Energy | 0.001 | 0.006 | 0.005 | 0.000 | 0.000 | 0.000 |
| Mobile | 1.452 | 1.368 | 9.217 | 0.016 | 1.361 | 0.376 |
| Existing Site Total | 1.759 | 1.374 | 9.225 | 0.016 | 1.362 | 0.377 |

| DAILY MAXIMUM | ROG | NOx | CO | SO2 | PM10 Total | PM2.5 Total |
|---|---|---|---|---|---|---|
| Category | lb/day | | | | | |
| Area | <1 | <1 | <1 | <1 | <1 | <1 |
| Energy | <1 | <1 | <1 | <1 | <1 | <1 |
| Mobile | 1 | 1 | 9 | <1 | 1 | <1 |
| Existing Site Total | 2 | 1 | 9 | <1 | 1 | <1 |

**Jefferson Hotel Project**

**Existing Localized Emissions**

| SUMMER | NOx | CO | PM10 Total | PM2.5 Total |
|---|---|---|---|---|
| Category | lb/day | | | |
| Area | 0.0000 | 0.0035 | 0.0000 | 0.0000 |
| Energy | 0.0059 | 0.0049 | 0.0005 | 0.0005 |
| Total | 0.0059 | 0.0084 | 0.0005 | 0.0005 |

| WINTER | NOx | CO | PM10 Total | PM2.5 Total |
|---|---|---|---|---|
| Category | lb/day | | | |
| Area | 0.0000 | 0.0035 | 0.0000 | 0.0000 |
| Energy | 0.0059 | 0.0049 | 0.0005 | 0.0005 |
| Total | 0.0059 | 0.0084 | 0.0005 | 0.0005 |

| DAILY MAXIMUM | NOx | CO | PM10 Total | PM2.5 Total |
|---|---|---|---|---|
| Category | lb/day | | | |
| Area | 0.0000 | 0.0035 | 0.0000 | 0.0000 |
| Energy | 0.0059 | 0.0049 | 0.0005 | 0.0005 |
| Existing Site Total | 0.0059 | 0.0084 | 0.0005 | 0.0005 |

| DAILY MAXIMUM | NOx | CO | PM10 Total | PM2.5 Total |
|---|---|---|---|---|
| Category | lb/day | | | |
| Area | <1 | <1 | <1 | <1 |
| Energy | <1 | <1 | <1 | <1 |
| Existing Site Total | <1 | <1 | <1 | <1 |

# 11469 Jefferson

**South Coast AQMD Air District, Summer**

## 1.0 Project Characteristics

### 1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|---|---|---|---|---|---|
| Parking Lot | 20.52 | 1000sqft | 0.39 | 20,516.00 | 0 |
| Strip Mall | 13.30 | 1000sqft | 0.39 | 13,301.00 | 0 |

### 1.2 Other Project Characteristics

| | | | | | |
|---|---|---|---|---|---|
| **Urbanization** | Urban | **Wind Speed (m/s)** | 2.2 | **Precipitation Freq (Days)** | 31 |
| **Climate Zone** | 11 | | | **Operational Year** | 2018 |
| **Utility Company** | Southern California Edison | | | | |
| **CO2 Intensity (lb/MWhr)** | 578.93 | **CH4 Intensity (lb/MWhr)** | 0.029 | **N2O Intensity (lb/MWhr)** | 0.006 |

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics - see operational assumptions

Land Use - see operational assumptions

Vehicle Trips - Trip rates from Project traffic study. Trip percentages adjusted to account for 25% pass-by trips in traffic study.

Vehicle Emission Factors - Updated to EMFAC2017 EFs

Energy Use - see operational assumptions

Waste Mitigation -

| Table Name | Column Name | Default Value | New Value |
|---|---|---|---|
| tblEnergyUse | LightingElect | 0.88 | 0.35 |
| tblEnergyUse | LightingElect | 7.56 | 6.26 |
| tblEnergyUse | T24E | 5.17 | 4.01 |
| tblEnergyUse | T24NG | 1.33 | 1.15 |
| tblFleetMix | HHD | 0.03 | 8.8816e-003 |
| tblFleetMix | HHD | 0.03 | 8.8816e-003 |
| tblFleetMix | LDA | 0.54 | 0.54 |
| tblFleetMix | LDA | 0.54 | 0.54 |
| tblFleetMix | LDT1 | 0.04 | 0.06 |
| tblFleetMix | LDT1 | 0.04 | 0.06 |
| tblFleetMix | LDT2 | 0.20 | 0.18 |
| tblFleetMix | LDT2 | 0.20 | 0.18 |
| tblFleetMix | LHD1 | 0.02 | 0.02 |
| tblFleetMix | LHD1 | 0.02 | 0.02 |
| tblFleetMix | LHD2 | 5.8790e-003 | 5.7440e-003 |
| tblFleetMix | LHD2 | 5.8790e-003 | 5.7440e-003 |
| tblFleetMix | MCY | 4.6560e-003 | 0.02 |
| tblFleetMix | MCY | 4.6560e-003 | 0.02 |
| tblFleetMix | MDV | 0.13 | 0.14 |
| tblFleetMix | MDV | 0.13 | 0.14 |
| tblFleetMix | MH | 1.0290e-003 | 4.2203e-003 |
| tblFleetMix | MH | 1.0290e-003 | 4.2203e-003 |
| tblFleetMix | MHD | 0.02 | 0.01 |
| tblFleetMix | MHD | 0.02 | 0.01 |
| tblFleetMix | OBUS | 1.9580e-003 | 8.7399e-004 |
| tblFleetMix | OBUS | 1.9580e-003 | 8.7399e-004 |
| tblFleetMix | SBUS | 7.0200e-004 | 7.3985e-004 |
| tblFleetMix | SBUS | 7.0200e-004 | 7.3985e-004 |
| tblFleetMix | UBUS | 2.1130e-003 | 5.4209e-004 |

| | | | |
|---|---|---|---|
| tblFleetMix | UBUS | 2.1130e-003 | 5.4209e-004 |
| tblLandUse | LandUseSquareFeet | 20,520.00 | 20,516.00 |
| tblLandUse | LandUseSquareFeet | 13,300.00 | 13,301.00 |
| tblLandUse | LotAcreage | 0.47 | 0.39 |
| tblLandUse | LotAcreage | 0.31 | 0.39 |
| tblProjectCharacteristics | CO2IntensityFactor | 702.44 | 578.93 |
| tblVehicleEF | HHD | 0.88 | 0.03 |
| tblVehicleEF | HHD | 0.08 | 0.08 |
| tblVehicleEF | HHD | 0.13 | 0.00 |
| tblVehicleEF | HHD | 3.32 | 5.23 |
| tblVehicleEF | HHD | 1.00 | 0.92 |
| tblVehicleEF | HHD | 3.42 | 0.01 |
| tblVehicleEF | HHD | 5,009.33 | 1,138.51 |
| tblVehicleEF | HHD | 1,669.20 | 1,568.92 |
| tblVehicleEF | HHD | 10.19 | 0.14 |
| tblVehicleEF | HHD | 26.37 | 6.76 |
| tblVehicleEF | HHD | 4.88 | 5.24 |
| tblVehicleEF | HHD | 19.76 | 1.39 |
| tblVehicleEF | HHD | 0.03 | 0.02 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.03 | 0.09 |
| tblVehicleEF | HHD | 1.6200e-004 | 7.0000e-006 |
| tblVehicleEF | HHD | 0.03 | 0.02 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8190e-003 | 8.8740e-003 |
| tblVehicleEF | HHD | 0.02 | 0.09 |
| tblVehicleEF | HHD | 1.5200e-004 | 6.0000e-006 |
| tblVehicleEF | HHD | 1.5700e-004 | 1.7000e-005 |
| tblVehicleEF | HHD | 7.4750e-003 | 8.7300e-004 |

| | | | |
|---|---|---|---|
| tblVehicleEF | HHD | 0.84 | 0.49 |
| tblVehicleEF | HHD | 1.0600e-004 | 1.1000e-005 |
| tblVehicleEF | HHD | 0.15 | 0.20 |
| tblVehicleEF | HHD | 5.9700e-004 | 3.6760e-003 |
| tblVehicleEF | HHD | 0.12 | 2.0000e-006 |
| tblVehicleEF | HHD | 0.05 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.6000e-004 | 1.0000e-006 |
| tblVehicleEF | HHD | 1.5700e-004 | 1.7000e-005 |
| tblVehicleEF | HHD | 7.4750e-003 | 8.7300e-004 |
| tblVehicleEF | HHD | 0.98 | 0.57 |
| tblVehicleEF | HHD | 1.0600e-004 | 1.1000e-005 |
| tblVehicleEF | HHD | 0.25 | 0.30 |
| tblVehicleEF | HHD | 5.9700e-004 | 3.6760e-003 |
| tblVehicleEF | HHD | 0.13 | 2.0000e-006 |
| tblVehicleEF | HHD | 0.83 | 0.03 |
| tblVehicleEF | HHD | 0.08 | 0.08 |
| tblVehicleEF | HHD | 0.13 | 4.0673e-007 |
| tblVehicleEF | HHD | 2.42 | 5.03 |
| tblVehicleEF | HHD | 1.00 | 0.92 |
| tblVehicleEF | HHD | 3.26 | 9.5472e-003 |
| tblVehicleEF | HHD | 5,302.12 | 1,144.85 |
| tblVehicleEF | HHD | 1,669.20 | 1,568.92 |
| tblVehicleEF | HHD | 10.19 | 0.14 |
| tblVehicleEF | HHD | 27.20 | 6.67 |
| tblVehicleEF | HHD | 4.61 | 4.96 |
| tblVehicleEF | HHD | 19.75 | 1.39 |
| tblVehicleEF | HHD | 0.03 | 0.02 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |

| | | | |
|---|---|---|---|
| tblVehicleEF | HHD | 0.03 | 0.09 |
| tblVehicleEF | HHD | 1.6200e-004 | 6.5633e-006 |
| tblVehicleEF | HHD | 0.03 | 0.02 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8190e-003 | 8.8738e-003 |
| tblVehicleEF | HHD | 0.02 | 0.09 |
| tblVehicleEF | HHD | 1.5200e-004 | 6.1762e-006 |
| tblVehicleEF | HHD | 2.5700e-004 | 2.8311e-005 |
| tblVehicleEF | HHD | 7.7700e-003 | 8.9460e-004 |
| tblVehicleEF | HHD | 0.79 | 0.50 |
| tblVehicleEF | HHD | 1.7300e-004 | 1.8720e-005 |
| tblVehicleEF | HHD | 0.15 | 0.20 |
| tblVehicleEF | HHD | 5.9300e-004 | 3.6711e-003 |
| tblVehicleEF | HHD | 0.12 | 2.1473e-006 |
| tblVehicleEF | HHD | 0.05 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.5700e-004 | 1.4234e-006 |
| tblVehicleEF | HHD | 2.5700e-004 | 2.8311e-005 |
| tblVehicleEF | HHD | 7.7700e-003 | 8.9460e-004 |
| tblVehicleEF | HHD | 0.92 | 0.58 |
| tblVehicleEF | HHD | 1.7300e-004 | 1.8720e-005 |
| tblVehicleEF | HHD | 0.25 | 0.30 |
| tblVehicleEF | HHD | 5.9300e-004 | 3.6711e-003 |
| tblVehicleEF | HHD | 0.13 | 2.3510e-006 |
| tblVehicleEF | HHD | 0.94 | 0.03 |
| tblVehicleEF | HHD | 0.08 | 0.08 |
| tblVehicleEF | HHD | 0.14 | 4.2799e-007 |
| tblVehicleEF | HHD | 4.55 | 5.50 |
| tblVehicleEF | HHD | 1.00 | 0.92 |
| tblVehicleEF | HHD | 3.44 | 0.01 |

| | | | |
|---|---|---|---|
| tblVehicleEF | HHD | 4,605.00 | 1,129.76 |
| tblVehicleEF | HHD | 1,669.20 | 1,568.92 |
| tblVehicleEF | HHD | 10.19 | 0.14 |
| tblVehicleEF | HHD | 25.21 | 6.87 |
| tblVehicleEF | HHD | 4.81 | 5.17 |
| tblVehicleEF | HHD | 19.77 | 1.39 |
| tblVehicleEF | HHD | 0.04 | 0.03 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.03 | 0.09 |
| tblVehicleEF | HHD | 1.6200e-004 | 6.5633e-006 |
| tblVehicleEF | HHD | 0.04 | 0.02 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8190e-003 | 8.8738e-003 |
| tblVehicleEF | HHD | 0.02 | 0.09 |
| tblVehicleEF | HHD | 1.5200e-004 | 6.1762e-006 |
| tblVehicleEF | HHD | 1.5700e-004 | 1.8150e-005 |
| tblVehicleEF | HHD | 8.7800e-003 | 1.0977e-003 |
| tblVehicleEF | HHD | 0.90 | 0.48 |
| tblVehicleEF | HHD | 1.0500e-004 | 1.1380e-005 |
| tblVehicleEF | HHD | 0.15 | 0.20 |
| tblVehicleEF | HHD | 6.3800e-004 | 3.8771e-003 |
| tblVehicleEF | HHD | 0.12 | 2.2515e-006 |
| tblVehicleEF | HHD | 0.04 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.6000e-004 | 1.4325e-006 |
| tblVehicleEF | HHD | 1.5700e-004 | 1.8150e-005 |
| tblVehicleEF | HHD | 8.7800e-003 | 1.0977e-003 |
| tblVehicleEF | HHD | 1.05 | 0.55 |
| tblVehicleEF | HHD | 1.0500e-004 | 1.1380e-005 |

| | | | |
|---|---|---|---|
| tblVehicleEF | HHD | 0.25 | 0.30 |
| tblVehicleEF | HHD | 6.3800e-004 | 3.8771e-003 |
| tblVehicleEF | HHD | 0.13 | 2.4651e-006 |
| tblVehicleEF | LDA | 7.3040e-003 | 5.0710e-003 |
| tblVehicleEF | LDA | 9.2160e-003 | 0.07 |
| tblVehicleEF | LDA | 0.85 | 1.02 |
| tblVehicleEF | LDA | 1.72 | 2.36 |
| tblVehicleEF | LDA | 308.31 | 297.50 |
| tblVehicleEF | LDA | 64.95 | 59.50 |
| tblVehicleEF | LDA | 0.07 | 0.07 |
| tblVehicleEF | LDA | 0.12 | 0.24 |
| tblVehicleEF | LDA | 2.1480e-003 | 1.9570e-003 |
| tblVehicleEF | LDA | 2.3680e-003 | 2.1220e-003 |
| tblVehicleEF | LDA | 1.9830e-003 | 1.8040e-003 |
| tblVehicleEF | LDA | 2.1790e-003 | 1.9520e-003 |
| tblVehicleEF | LDA | 0.06 | 0.08 |
| tblVehicleEF | LDA | 0.14 | 0.13 |
| tblVehicleEF | LDA | 0.05 | 0.07 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.05 | 0.26 |
| tblVehicleEF | LDA | 0.12 | 0.33 |
| tblVehicleEF | LDA | 3.0910e-003 | 2.9430e-003 |
| tblVehicleEF | LDA | 6.7900e-004 | 5.8900e-004 |
| tblVehicleEF | LDA | 0.06 | 0.08 |
| tblVehicleEF | LDA | 0.14 | 0.13 |
| tblVehicleEF | LDA | 0.05 | 0.07 |
| tblVehicleEF | LDA | 0.03 | 0.03 |
| tblVehicleEF | LDA | 0.05 | 0.26 |
| tblVehicleEF | LDA | 0.14 | 0.36 |
| tblVehicleEF | LDA | 7.8020e-003 | 5.4409e-003 |

| | | | |
|---|---|---|---|
| tblVehicleEF | LDA | 8.1630e-003 | 0.06 |
| tblVehicleEF | LDA | 0.95 | 1.14 |
| tblVehicleEF | LDA | 1.48 | 2.02 |
| tblVehicleEF | LDA | 324.75 | 312.83 |
| tblVehicleEF | LDA | 64.95 | 58.84 |
| tblVehicleEF | LDA | 0.07 | 0.06 |
| tblVehicleEF | LDA | 0.11 | 0.22 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 2.1480e-003 | 1.9572e-003 |
| tblVehicleEF | LDA | 2.3680e-003 | 2.1223e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 1.9830e-003 | 1.8043e-003 |
| tblVehicleEF | LDA | 2.1790e-003 | 1.9524e-003 |
| tblVehicleEF | LDA | 0.09 | 0.12 |
| tblVehicleEF | LDA | 0.15 | 0.14 |
| tblVehicleEF | LDA | 0.07 | 0.10 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.05 | 0.24 |
| tblVehicleEF | LDA | 0.11 | 0.29 |
| tblVehicleEF | LDA | 3.2560e-003 | 3.0950e-003 |
| tblVehicleEF | LDA | 6.7500e-004 | 5.8229e-004 |
| tblVehicleEF | LDA | 0.09 | 0.12 |
| tblVehicleEF | LDA | 0.15 | 0.14 |
| tblVehicleEF | LDA | 0.07 | 0.10 |
| tblVehicleEF | LDA | 0.03 | 0.03 |
| tblVehicleEF | LDA | 0.05 | 0.24 |
| tblVehicleEF | LDA | 0.12 | 0.32 |
| tblVehicleEF | LDA | 7.1500e-003 | 4.9639e-003 |

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|---|---|---|---|
| tblVehicleEF | LDA | 9.4290e-003 | 0.07 |
| tblVehicleEF | LDA | 0.82 | 0.99 |
| tblVehicleEF | LDA | 1.77 | 2.43 |
| tblVehicleEF | LDA | 302.95 | 292.47 |
| tblVehicleEF | LDA | 64.95 | 59.64 |
| tblVehicleEF | LDA | 0.07 | 0.07 |
| tblVehicleEF | LDA | 0.12 | 0.24 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 2.1480e-003 | 1.9572e-003 |
| tblVehicleEF | LDA | 2.3680e-003 | 2.1223e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 1.9830e-003 | 1.8043e-003 |
| tblVehicleEF | LDA | 2.1790e-003 | 1.9524e-003 |
| tblVehicleEF | LDA | 0.06 | 0.07 |
| tblVehicleEF | LDA | 0.15 | 0.15 |
| tblVehicleEF | LDA | 0.05 | 0.06 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.05 | 0.29 |
| tblVehicleEF | LDA | 0.13 | 0.34 |
| tblVehicleEF | LDA | 3.0360e-003 | 2.8935e-003 |
| tblVehicleEF | LDA | 6.8000e-004 | 5.9019e-004 |
| tblVehicleEF | LDA | 0.06 | 0.07 |
| tblVehicleEF | LDA | 0.15 | 0.15 |
| tblVehicleEF | LDA | 0.05 | 0.06 |
| tblVehicleEF | LDA | 0.03 | 0.03 |
| tblVehicleEF | LDA | 0.05 | 0.29 |
| tblVehicleEF | LDA | 0.14 | 0.37 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |

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|---|---|---|---|
| tblVehicleEF | LDT1 | 0.02 | 0.10 |
| tblVehicleEF | LDT1 | 2.23 | 2.30 |
| tblVehicleEF | LDT1 | 4.22 | 2.66 |
| tblVehicleEF | LDT1 | 366.68 | 349.65 |
| tblVehicleEF | LDT1 | 76.41 | 71.10 |
| tblVehicleEF | LDT1 | 0.21 | 0.21 |
| tblVehicleEF | LDT1 | 0.25 | 0.37 |
| tblVehicleEF | LDT1 | 3.8900e-003 | 3.4440e-003 |
| tblVehicleEF | LDT1 | 4.1360e-003 | 3.4350e-003 |
| tblVehicleEF | LDT1 | 3.5850e-003 | 3.1720e-003 |
| tblVehicleEF | LDT1 | 3.8060e-003 | 3.1600e-003 |
| tblVehicleEF | LDT1 | 0.18 | 0.20 |
| tblVehicleEF | LDT1 | 0.35 | 0.29 |
| tblVehicleEF | LDT1 | 0.13 | 0.15 |
| tblVehicleEF | LDT1 | 0.06 | 0.06 |
| tblVehicleEF | LDT1 | 0.22 | 1.00 |
| tblVehicleEF | LDT1 | 0.31 | 0.56 |
| tblVehicleEF | LDT1 | 3.6970e-003 | 3.4600e-003 |
| tblVehicleEF | LDT1 | 8.3900e-004 | 7.0400e-004 |
| tblVehicleEF | LDT1 | 0.18 | 0.20 |
| tblVehicleEF | LDT1 | 0.35 | 0.29 |
| tblVehicleEF | LDT1 | 0.13 | 0.15 |
| tblVehicleEF | LDT1 | 0.08 | 0.09 |
| tblVehicleEF | LDT1 | 0.22 | 1.00 |
| tblVehicleEF | LDT1 | 0.34 | 0.61 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |
| tblVehicleEF | LDT1 | 0.02 | 0.09 |
| tblVehicleEF | LDT1 | 2.44 | 2.53 |
| tblVehicleEF | LDT1 | 3.60 | 2.27 |
| tblVehicleEF | LDT1 | 384.83 | 365.37 |

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|---|---|---|---|
| tblVehicleEF | LDT1 | 76.41 | 70.25 |
| tblVehicleEF | LDT1 | 0.19 | 0.18 |
| tblVehicleEF | LDT1 | 0.23 | 0.34 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.8900e-003 | 3.4442e-003 |
| tblVehicleEF | LDT1 | 4.1360e-003 | 3.4353e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 3.5850e-003 | 3.1720e-003 |
| tblVehicleEF | LDT1 | 3.8060e-003 | 3.1604e-003 |
| tblVehicleEF | LDT1 | 0.29 | 0.33 |
| tblVehicleEF | LDT1 | 0.38 | 0.32 |
| tblVehicleEF | LDT1 | 0.21 | 0.23 |
| tblVehicleEF | LDT1 | 0.06 | 0.07 |
| tblVehicleEF | LDT1 | 0.20 | 0.94 |
| tblVehicleEF | LDT1 | 0.27 | 0.49 |
| tblVehicleEF | LDT1 | 3.8820e-003 | 3.6155e-003 |
| tblVehicleEF | LDT1 | 8.2800e-004 | 6.9522e-004 |
| tblVehicleEF | LDT1 | 0.29 | 0.33 |
| tblVehicleEF | LDT1 | 0.38 | 0.32 |
| tblVehicleEF | LDT1 | 0.21 | 0.23 |
| tblVehicleEF | LDT1 | 0.08 | 0.09 |
| tblVehicleEF | LDT1 | 0.20 | 0.94 |
| tblVehicleEF | LDT1 | 0.30 | 0.54 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |
| tblVehicleEF | LDT1 | 0.02 | 0.11 |
| tblVehicleEF | LDT1 | 2.16 | 2.22 |
| tblVehicleEF | LDT1 | 4.34 | 2.75 |
| tblVehicleEF | LDT1 | 360.66 | 344.38 |

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|---|---|---|---|
| tblVehicleEF | LDT1 | 76.41 | 71.27 |
| tblVehicleEF | LDT1 | 0.21 | 0.20 |
| tblVehicleEF | LDT1 | 0.25 | 0.37 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.8900e-003 | 3.4442e-003 |
| tblVehicleEF | LDT1 | 4.1360e-003 | 3.4353e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 3.5850e-003 | 3.1720e-003 |
| tblVehicleEF | LDT1 | 3.8060e-003 | 3.1604e-003 |
| tblVehicleEF | LDT1 | 0.17 | 0.20 |
| tblVehicleEF | LDT1 | 0.40 | 0.33 |
| tblVehicleEF | LDT1 | 0.13 | 0.14 |
| tblVehicleEF | LDT1 | 0.05 | 0.06 |
| tblVehicleEF | LDT1 | 0.26 | 1.18 |
| tblVehicleEF | LDT1 | 0.32 | 0.57 |
| tblVehicleEF | LDT1 | 3.6360e-003 | 3.4078e-003 |
| tblVehicleEF | LDT1 | 8.4100e-004 | 7.0528e-004 |
| tblVehicleEF | LDT1 | 0.17 | 0.20 |
| tblVehicleEF | LDT1 | 0.40 | 0.33 |
| tblVehicleEF | LDT1 | 0.13 | 0.14 |
| tblVehicleEF | LDT1 | 0.08 | 0.09 |
| tblVehicleEF | LDT1 | 0.26 | 1.18 |
| tblVehicleEF | LDT1 | 0.35 | 0.63 |
| tblVehicleEF | LDT2 | 9.7170e-003 | 7.7360e-003 |
| tblVehicleEF | LDT2 | 0.01 | 0.09 |
| tblVehicleEF | LDT2 | 1.12 | 1.47 |
| tblVehicleEF | LDT2 | 2.16 | 3.09 |
| tblVehicleEF | LDT2 | 419.10 | 387.91 |

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|---|---|---|---|
| tblVehicleEF | LDT2 | 88.11 | 79.13 |
| tblVehicleEF | LDT2 | 0.12 | 0.15 |
| tblVehicleEF | LDT2 | 0.20 | 0.42 |
| tblVehicleEF | LDT2 | 1.9820e-003 | 2.0310e-003 |
| tblVehicleEF | LDT2 | 2.2910e-003 | 2.1190e-003 |
| tblVehicleEF | LDT2 | 1.8240e-003 | 1.8700e-003 |
| tblVehicleEF | LDT2 | 2.1080e-003 | 1.9500e-003 |
| tblVehicleEF | LDT2 | 0.06 | 0.09 |
| tblVehicleEF | LDT2 | 0.14 | 0.16 |
| tblVehicleEF | LDT2 | 0.06 | 0.09 |
| tblVehicleEF | LDT2 | 0.03 | 0.03 |
| tblVehicleEF | LDT2 | 0.07 | 0.49 |
| tblVehicleEF | LDT2 | 0.15 | 0.45 |
| tblVehicleEF | LDT2 | 4.2020e-003 | 3.8380e-003 |
| tblVehicleEF | LDT2 | 9.1800e-004 | 7.8300e-004 |
| tblVehicleEF | LDT2 | 0.06 | 0.09 |
| tblVehicleEF | LDT2 | 0.14 | 0.16 |
| tblVehicleEF | LDT2 | 0.06 | 0.09 |
| tblVehicleEF | LDT2 | 0.04 | 0.05 |
| tblVehicleEF | LDT2 | 0.07 | 0.49 |
| tblVehicleEF | LDT2 | 0.16 | 0.49 |
| tblVehicleEF | LDT2 | 0.01 | 8.2578e-003 |
| tblVehicleEF | LDT2 | 9.8690e-003 | 0.08 |
| tblVehicleEF | LDT2 | 1.24 | 1.63 |
| tblVehicleEF | LDT2 | 1.86 | 2.65 |
| tblVehicleEF | LDT2 | 440.61 | 403.95 |
| tblVehicleEF | LDT2 | 88.11 | 78.25 |
| tblVehicleEF | LDT2 | 0.11 | 0.13 |
| tblVehicleEF | LDT2 | 0.19 | 0.39 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |

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|---|---|---|---|
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT2 | 1.9820e-003 | 2.0313e-003 |
| tblVehicleEF | LDT2 | 2.2910e-003 | 2.1194e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.8240e-003 | 1.8705e-003 |
| tblVehicleEF | LDT2 | 2.1080e-003 | 1.9499e-003 |
| tblVehicleEF | LDT2 | 0.10 | 0.15 |
| tblVehicleEF | LDT2 | 0.15 | 0.17 |
| tblVehicleEF | LDT2 | 0.09 | 0.13 |
| tblVehicleEF | LDT2 | 0.03 | 0.04 |
| tblVehicleEF | LDT2 | 0.07 | 0.46 |
| tblVehicleEF | LDT2 | 0.13 | 0.40 |
| tblVehicleEF | LDT2 | 4.4190e-003 | 3.9968e-003 |
| tblVehicleEF | LDT2 | 9.1300e-004 | 7.7439e-004 |
| tblVehicleEF | LDT2 | 0.10 | 0.15 |
| tblVehicleEF | LDT2 | 0.15 | 0.17 |
| tblVehicleEF | LDT2 | 0.09 | 0.13 |
| tblVehicleEF | LDT2 | 0.04 | 0.05 |
| tblVehicleEF | LDT2 | 0.07 | 0.46 |
| tblVehicleEF | LDT2 | 0.15 | 0.43 |
| tblVehicleEF | LDT2 | 9.5180e-003 | 7.5799e-003 |
| tblVehicleEF | LDT2 | 0.01 | 0.09 |
| tblVehicleEF | LDT2 | 1.08 | 1.42 |
| tblVehicleEF | LDT2 | 2.23 | 3.19 |
| tblVehicleEF | LDT2 | 411.95 | 382.52 |
| tblVehicleEF | LDT2 | 88.11 | 79.32 |
| tblVehicleEF | LDT2 | 0.12 | 0.14 |
| tblVehicleEF | LDT2 | 0.20 | 0.42 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |

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|---|---|---|---|
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT2 | 1.9820e-003 | 2.0313e-003 |
| tblVehicleEF | LDT2 | 2.2910e-003 | 2.1194e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.8240e-003 | 1.8705e-003 |
| tblVehicleEF | LDT2 | 2.1080e-003 | 1.9499e-003 |
| tblVehicleEF | LDT2 | 0.06 | 0.09 |
| tblVehicleEF | LDT2 | 0.16 | 0.17 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.03 | 0.03 |
| tblVehicleEF | LDT2 | 0.09 | 0.57 |
| tblVehicleEF | LDT2 | 0.15 | 0.46 |
| tblVehicleEF | LDT2 | 4.1300e-003 | 3.7847e-003 |
| tblVehicleEF | LDT2 | 9.2000e-004 | 7.8490e-004 |
| tblVehicleEF | LDT2 | 0.06 | 0.09 |
| tblVehicleEF | LDT2 | 0.16 | 0.17 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.04 | 0.05 |
| tblVehicleEF | LDT2 | 0.09 | 0.57 |
| tblVehicleEF | LDT2 | 0.17 | 0.50 |
| tblVehicleEF | LHD1 | 6.6430e-003 | 6.2220e-003 |
| tblVehicleEF | LHD1 | 0.02 | 8.7440e-003 |
| tblVehicleEF | LHD1 | 0.03 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |
| tblVehicleEF | LHD1 | 1.26 | 1.08 |
| tblVehicleEF | LHD1 | 3.47 | 1.33 |
| tblVehicleEF | LHD1 | 8.96 | 9.15 |
| tblVehicleEF | LHD1 | 636.87 | 710.85 |
| tblVehicleEF | LHD1 | 36.78 | 13.69 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 1.64 | 1.26 |
| tblVehicleEF | LHD1 | 1.18 | 0.40 |
| tblVehicleEF | LHD1 | 7.9000e-004 | 6.7800e-004 |
| tblVehicleEF | LHD1 | 9.7770e-003 | 9.4640e-003 |
| tblVehicleEF | LHD1 | 0.01 | 8.7950e-003 |
| tblVehicleEF | LHD1 | 1.3130e-003 | 3.7700e-004 |
| tblVehicleEF | LHD1 | 7.5600e-004 | 6.4800e-004 |
| tblVehicleEF | LHD1 | 2.4440e-003 | 2.3660e-003 |
| tblVehicleEF | LHD1 | 0.01 | 8.3810e-003 |
| tblVehicleEF | LHD1 | 1.2110e-003 | 3.4800e-004 |
| tblVehicleEF | LHD1 | 3.6880e-003 | 3.3600e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.10 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 2.0480e-003 | 1.8630e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.07 |
| tblVehicleEF | LHD1 | 0.32 | 0.67 |
| tblVehicleEF | LHD1 | 0.35 | 0.11 |
| tblVehicleEF | LHD1 | 9.1000e-005 | 8.9000e-005 |
| tblVehicleEF | LHD1 | 6.2770e-003 | 6.9540e-003 |
| tblVehicleEF | LHD1 | 4.3300e-004 | 1.3600e-004 |
| tblVehicleEF | LHD1 | 3.6880e-003 | 3.3600e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.10 |
| tblVehicleEF | LHD1 | 0.03 | 0.04 |
| tblVehicleEF | LHD1 | 2.0480e-003 | 1.8630e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.09 |
| tblVehicleEF | LHD1 | 0.32 | 0.67 |
| tblVehicleEF | LHD1 | 0.38 | 0.12 |
| tblVehicleEF | LHD1 | 6.6430e-003 | 6.2358e-003 |
| tblVehicleEF | LHD1 | 0.02 | 8.8834e-003 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 0.03 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |
| tblVehicleEF | LHD1 | 1.27 | 1.10 |
| tblVehicleEF | LHD1 | 3.31 | 1.27 |
| tblVehicleEF | LHD1 | 8.96 | 9.15 |
| tblVehicleEF | LHD1 | 636.87 | 710.87 |
| tblVehicleEF | LHD1 | 36.78 | 13.58 |
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 1.53 | 1.18 |
| tblVehicleEF | LHD1 | 1.13 | 0.38 |
| tblVehicleEF | LHD1 | 7.9000e-004 | 6.7751e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 9.7770e-003 | 9.4635e-003 |
| tblVehicleEF | LHD1 | 0.01 | 8.7947e-003 |
| tblVehicleEF | LHD1 | 1.3130e-003 | 3.7701e-004 |
| tblVehicleEF | LHD1 | 7.5600e-004 | 6.4820e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.4440e-003 | 2.3659e-003 |
| tblVehicleEF | LHD1 | 0.01 | 8.3811e-003 |
| tblVehicleEF | LHD1 | 1.2110e-003 | 3.4821e-004 |
| tblVehicleEF | LHD1 | 5.7820e-003 | 5.2411e-003 |
| tblVehicleEF | LHD1 | 0.12 | 0.11 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 3.1500e-003 | 2.8536e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.07 |
| tblVehicleEF | LHD1 | 0.32 | 0.66 |
| tblVehicleEF | LHD1 | 0.34 | 0.11 |
| tblVehicleEF | LHD1 | 9.1000e-005 | 8.9092e-005 |
| tblVehicleEF | LHD1 | 6.2770e-003 | 6.9542e-003 |
| tblVehicleEF | LHD1 | 4.3000e-004 | 1.3443e-004 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 5.7820e-003 | 5.2411e-003 |
| tblVehicleEF | LHD1 | 0.12 | 0.11 |
| tblVehicleEF | LHD1 | 0.03 | 0.04 |
| tblVehicleEF | LHD1 | 3.1500e-003 | 2.8536e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.09 |
| tblVehicleEF | LHD1 | 0.32 | 0.66 |
| tblVehicleEF | LHD1 | 0.37 | 0.12 |
| tblVehicleEF | LHD1 | 6.6430e-003 | 6.2201e-003 |
| tblVehicleEF | LHD1 | 0.02 | 8.7109e-003 |
| tblVehicleEF | LHD1 | 0.03 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |
| tblVehicleEF | LHD1 | 1.25 | 1.08 |
| tblVehicleEF | LHD1 | 3.48 | 1.34 |
| tblVehicleEF | LHD1 | 8.96 | 9.15 |
| tblVehicleEF | LHD1 | 636.87 | 710.84 |
| tblVehicleEF | LHD1 | 36.78 | 13.71 |
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 1.61 | 1.24 |
| tblVehicleEF | LHD1 | 1.19 | 0.40 |
| tblVehicleEF | LHD1 | 7.9000e-004 | 6.7751e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 9.7770e-003 | 9.4635e-003 |
| tblVehicleEF | LHD1 | 0.01 | 8.7947e-003 |
| tblVehicleEF | LHD1 | 1.3130e-003 | 3.7701e-004 |
| tblVehicleEF | LHD1 | 7.5600e-004 | 6.4820e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.4440e-003 | 2.3659e-003 |
| tblVehicleEF | LHD1 | 0.01 | 8.3811e-003 |
| tblVehicleEF | LHD1 | 1.2110e-003 | 3.4821e-004 |
| tblVehicleEF | LHD1 | 3.8480e-003 | 3.5257e-003 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 0.13 | 0.12 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 2.0290e-003 | 1.8505e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.07 |
| tblVehicleEF | LHD1 | 0.35 | 0.73 |
| tblVehicleEF | LHD1 | 0.35 | 0.11 |
| tblVehicleEF | LHD1 | 9.1000e-005 | 8.9092e-005 |
| tblVehicleEF | LHD1 | 6.2770e-003 | 6.9539e-003 |
| tblVehicleEF | LHD1 | 4.3300e-004 | 1.3566e-004 |
| tblVehicleEF | LHD1 | 3.8480e-003 | 3.5257e-003 |
| tblVehicleEF | LHD1 | 0.13 | 0.12 |
| tblVehicleEF | LHD1 | 0.03 | 0.04 |
| tblVehicleEF | LHD1 | 2.0290e-003 | 1.8505e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.09 |
| tblVehicleEF | LHD1 | 0.35 | 0.73 |
| tblVehicleEF | LHD1 | 0.39 | 0.12 |
| tblVehicleEF | LHD2 | 4.9920e-003 | 4.5360e-003 |
| tblVehicleEF | LHD2 | 7.6680e-003 | 6.0320e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.02 |
| tblVehicleEF | LHD2 | 0.14 | 0.16 |
| tblVehicleEF | LHD2 | 0.62 | 0.73 |
| tblVehicleEF | LHD2 | 1.92 | 0.93 |
| tblVehicleEF | LHD2 | 13.67 | 13.75 |
| tblVehicleEF | LHD2 | 650.31 | 718.07 |
| tblVehicleEF | LHD2 | 31.10 | 10.84 |
| tblVehicleEF | LHD2 | 0.11 | 0.10 |
| tblVehicleEF | LHD2 | 1.43 | 1.61 |
| tblVehicleEF | LHD2 | 0.75 | 0.28 |
| tblVehicleEF | LHD2 | 1.1850e-003 | 1.1560e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |

| | | | |
|---|---|---|---|
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 6.3900e-004 | 2.0000e-004 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.1060e-003 |
| tblVehicleEF | LHD2 | 2.6120e-003 | 2.5850e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 5.8800e-004 | 1.8400e-004 |
| tblVehicleEF | LHD2 | 1.7560e-003 | 2.0980e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 1.0020e-003 | 1.1640e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.13 | 0.45 |
| tblVehicleEF | LHD2 | 0.19 | 0.07 |
| tblVehicleEF | LHD2 | 1.3400e-004 | 1.3200e-004 |
| tblVehicleEF | LHD2 | 6.3510e-003 | 6.9640e-003 |
| tblVehicleEF | LHD2 | 3.4700e-004 | 1.0700e-004 |
| tblVehicleEF | LHD2 | 1.7560e-003 | 2.0980e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 1.0020e-003 | 1.1640e-003 |
| tblVehicleEF | LHD2 | 0.08 | 0.08 |
| tblVehicleEF | LHD2 | 0.13 | 0.45 |
| tblVehicleEF | LHD2 | 0.21 | 0.08 |
| tblVehicleEF | LHD2 | 4.9920e-003 | 4.5461e-003 |
| tblVehicleEF | LHD2 | 7.7880e-003 | 6.1111e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 0.14 | 0.16 |
| tblVehicleEF | LHD2 | 0.63 | 0.73 |
| tblVehicleEF | LHD2 | 1.83 | 0.89 |
| tblVehicleEF | LHD2 | 13.67 | 13.75 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 650.31 | 718.08 |
| tblVehicleEF | LHD2 | 31.10 | 10.76 |
| tblVehicleEF | LHD2 | 0.11 | 0.10 |
| tblVehicleEF | LHD2 | 1.35 | 1.52 |
| tblVehicleEF | LHD2 | 0.72 | 0.27 |
| tblVehicleEF | LHD2 | 1.1850e-003 | 1.1558e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 6.3900e-004 | 1.9968e-004 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.1058e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6120e-003 | 2.5846e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 5.8800e-004 | 1.8363e-004 |
| tblVehicleEF | LHD2 | 2.7400e-003 | 3.2581e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 1.5260e-003 | 1.7692e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.13 | 0.44 |
| tblVehicleEF | LHD2 | 0.18 | 0.07 |
| tblVehicleEF | LHD2 | 1.3400e-004 | 1.3209e-004 |
| tblVehicleEF | LHD2 | 6.3510e-003 | 6.9644e-003 |
| tblVehicleEF | LHD2 | 3.4500e-004 | 1.0651e-004 |
| tblVehicleEF | LHD2 | 2.7400e-003 | 3.2581e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 1.5260e-003 | 1.7692e-003 |
| tblVehicleEF | LHD2 | 0.08 | 0.08 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 0.13 | 0.44 |
| tblVehicleEF | LHD2 | 0.20 | 0.08 |
| tblVehicleEF | LHD2 | 4.9920e-003 | 4.5345e-003 |
| tblVehicleEF | LHD2 | 7.6380e-003 | 6.0133e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.02 |
| tblVehicleEF | LHD2 | 0.14 | 0.16 |
| tblVehicleEF | LHD2 | 0.62 | 0.72 |
| tblVehicleEF | LHD2 | 1.93 | 0.94 |
| tblVehicleEF | LHD2 | 13.67 | 13.75 |
| tblVehicleEF | LHD2 | 650.31 | 718.06 |
| tblVehicleEF | LHD2 | 31.10 | 10.85 |
| tblVehicleEF | LHD2 | 0.11 | 0.10 |
| tblVehicleEF | LHD2 | 1.41 | 1.58 |
| tblVehicleEF | LHD2 | 0.75 | 0.28 |
| tblVehicleEF | LHD2 | 1.1850e-003 | 1.1558e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 6.3900e-004 | 1.9968e-004 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.1058e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6120e-003 | 2.5846e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 5.8800e-004 | 1.8363e-004 |
| tblVehicleEF | LHD2 | 1.7930e-003 | 2.1604e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.08 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 9.7600e-004 | 1.1325e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.14 | 0.49 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 0.19 | 0.08 |
| tblVehicleEF | LHD2 | 1.3400e-004 | 1.3209e-004 |
| tblVehicleEF | LHD2 | 6.3510e-003 | 6.9642e-003 |
| tblVehicleEF | LHD2 | 3.4700e-004 | 1.0738e-004 |
| tblVehicleEF | LHD2 | 1.7930e-003 | 2.1604e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.08 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 9.7600e-004 | 1.1325e-003 |
| tblVehicleEF | LHD2 | 0.08 | 0.08 |
| tblVehicleEF | LHD2 | 0.14 | 0.49 |
| tblVehicleEF | LHD2 | 0.21 | 0.08 |
| tblVehicleEF | MCY | 0.49 | 0.37 |
| tblVehicleEF | MCY | 0.15 | 0.24 |
| tblVehicleEF | MCY | 20.28 | 20.67 |
| tblVehicleEF | MCY | 9.57 | 8.42 |
| tblVehicleEF | MCY | 180.13 | 218.71 |
| tblVehicleEF | MCY | 46.67 | 61.44 |
| tblVehicleEF | MCY | 1.13 | 1.14 |
| tblVehicleEF | MCY | 0.31 | 0.26 |
| tblVehicleEF | MCY | 2.0030e-003 | 1.9860e-003 |
| tblVehicleEF | MCY | 4.1990e-003 | 3.5510e-003 |
| tblVehicleEF | MCY | 1.8780e-003 | 1.8640e-003 |
| tblVehicleEF | MCY | 3.9730e-003 | 3.3600e-003 |
| tblVehicleEF | MCY | 1.20 | 1.22 |
| tblVehicleEF | MCY | 0.73 | 0.76 |
| tblVehicleEF | MCY | 0.72 | 0.74 |
| tblVehicleEF | MCY | 2.56 | 2.58 |
| tblVehicleEF | MCY | 0.69 | 2.35 |
| tblVehicleEF | MCY | 2.11 | 1.87 |
| tblVehicleEF | MCY | 2.2080e-003 | 2.1640e-003 |

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|---|---|---|---|
| tblVehicleEF | MCY | 6.8500e-004 | 6.0800e-004 |
| tblVehicleEF | MCY | 1.20 | 1.22 |
| tblVehicleEF | MCY | 0.73 | 0.76 |
| tblVehicleEF | MCY | 0.72 | 0.74 |
| tblVehicleEF | MCY | 3.13 | 3.15 |
| tblVehicleEF | MCY | 0.69 | 2.35 |
| tblVehicleEF | MCY | 2.30 | 2.03 |
| tblVehicleEF | MCY | 0.47 | 0.36 |
| tblVehicleEF | MCY | 0.14 | 0.22 |
| tblVehicleEF | MCY | 19.72 | 20.07 |
| tblVehicleEF | MCY | 8.85 | 7.75 |
| tblVehicleEF | MCY | 180.13 | 217.51 |
| tblVehicleEF | MCY | 46.67 | 59.66 |
| tblVehicleEF | MCY | 0.99 | 0.99 |
| tblVehicleEF | MCY | 0.29 | 0.25 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |
| tblVehicleEF | MCY | 2.0030e-003 | 1.9864e-003 |
| tblVehicleEF | MCY | 4.1990e-003 | 3.5506e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 1.8780e-003 | 1.8638e-003 |
| tblVehicleEF | MCY | 3.9730e-003 | 3.3596e-003 |
| tblVehicleEF | MCY | 2.01 | 2.04 |
| tblVehicleEF | MCY | 0.84 | 0.88 |
| tblVehicleEF | MCY | 1.29 | 1.31 |
| tblVehicleEF | MCY | 2.49 | 2.51 |
| tblVehicleEF | MCY | 0.65 | 2.23 |
| tblVehicleEF | MCY | 1.88 | 1.65 |
| tblVehicleEF | MCY | 2.1970e-003 | 2.1525e-003 |

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|---|---|---|---|
| tblVehicleEF | MCY | 6.6600e-004 | 5.9038e-004 |
| tblVehicleEF | MCY | 2.01 | 2.04 |
| tblVehicleEF | MCY | 0.84 | 0.88 |
| tblVehicleEF | MCY | 1.29 | 1.31 |
| tblVehicleEF | MCY | 3.06 | 3.06 |
| tblVehicleEF | MCY | 0.65 | 2.23 |
| tblVehicleEF | MCY | 2.04 | 1.79 |
| tblVehicleEF | MCY | 0.49 | 0.37 |
| tblVehicleEF | MCY | 0.16 | 0.25 |
| tblVehicleEF | MCY | 20.29 | 20.69 |
| tblVehicleEF | MCY | 9.65 | 8.49 |
| tblVehicleEF | MCY | 180.13 | 218.77 |
| tblVehicleEF | MCY | 46.67 | 61.66 |
| tblVehicleEF | MCY | 1.11 | 1.11 |
| tblVehicleEF | MCY | 0.31 | 0.26 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |
| tblVehicleEF | MCY | 2.0030e-003 | 1.9864e-003 |
| tblVehicleEF | MCY | 4.1990e-003 | 3.5506e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 1.8780e-003 | 1.8638e-003 |
| tblVehicleEF | MCY | 3.9730e-003 | 3.3596e-003 |
| tblVehicleEF | MCY | 1.28 | 1.31 |
| tblVehicleEF | MCY | 0.95 | 0.98 |
| tblVehicleEF | MCY | 0.69 | 0.71 |
| tblVehicleEF | MCY | 2.57 | 2.59 |
| tblVehicleEF | MCY | 0.78 | 2.67 |
| tblVehicleEF | MCY | 2.14 | 1.90 |
| tblVehicleEF | MCY | 2.2090e-003 | 2.1649e-003 |

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|---|---|---|---|
| tblVehicleEF | MCY | 6.8800e-004 | 6.1022e-004 |
| tblVehicleEF | MCY | 1.28 | 1.31 |
| tblVehicleEF | MCY | 0.95 | 0.98 |
| tblVehicleEF | MCY | 0.69 | 0.71 |
| tblVehicleEF | MCY | 3.15 | 3.16 |
| tblVehicleEF | MCY | 0.78 | 2.67 |
| tblVehicleEF | MCY | 2.33 | 2.07 |
| tblVehicleEF | MDV | 0.02 | 0.01 |
| tblVehicleEF | MDV | 0.02 | 0.11 |
| tblVehicleEF | MDV | 1.97 | 1.81 |
| tblVehicleEF | MDV | 3.78 | 3.78 |
| tblVehicleEF | MDV | 555.92 | 469.68 |
| tblVehicleEF | MDV | 115.27 | 95.76 |
| tblVehicleEF | MDV | 0.23 | 0.19 |
| tblVehicleEF | MDV | 0.37 | 0.50 |
| tblVehicleEF | MDV | 2.2560e-003 | 2.2140e-003 |
| tblVehicleEF | MDV | 2.6380e-003 | 2.3670e-003 |
| tblVehicleEF | MDV | 2.0840e-003 | 2.0440e-003 |
| tblVehicleEF | MDV | 2.4310e-003 | 2.1800e-003 |
| tblVehicleEF | MDV | 0.08 | 0.11 |
| tblVehicleEF | MDV | 0.19 | 0.17 |
| tblVehicleEF | MDV | 0.08 | 0.10 |
| tblVehicleEF | MDV | 0.06 | 0.05 |
| tblVehicleEF | MDV | 0.10 | 0.51 |
| tblVehicleEF | MDV | 0.31 | 0.58 |
| tblVehicleEF | MDV | 5.5790e-003 | 4.6450e-003 |
| tblVehicleEF | MDV | 1.2200e-003 | 9.4800e-004 |
| tblVehicleEF | MDV | 0.08 | 0.11 |
| tblVehicleEF | MDV | 0.19 | 0.17 |
| tblVehicleEF | MDV | 0.08 | 0.10 |

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|---|---|---|---|
| tblVehicleEF | MDV | 0.08 | 0.07 |
| tblVehicleEF | MDV | 0.10 | 0.51 |
| tblVehicleEF | MDV | 0.34 | 0.64 |
| tblVehicleEF | MDV | 0.02 | 0.01 |
| tblVehicleEF | MDV | 0.02 | 0.10 |
| tblVehicleEF | MDV | 2.16 | 1.99 |
| tblVehicleEF | MDV | 3.26 | 3.24 |
| tblVehicleEF | MDV | 584.46 | 487.25 |
| tblVehicleEF | MDV | 115.27 | 94.68 |
| tblVehicleEF | MDV | 0.20 | 0.17 |
| tblVehicleEF | MDV | 0.34 | 0.47 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.2560e-003 | 2.2139e-003 |
| tblVehicleEF | MDV | 2.6380e-003 | 2.3668e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 2.0840e-003 | 2.0439e-003 |
| tblVehicleEF | MDV | 2.4310e-003 | 2.1801e-003 |
| tblVehicleEF | MDV | 0.14 | 0.17 |
| tblVehicleEF | MDV | 0.20 | 0.18 |
| tblVehicleEF | MDV | 0.12 | 0.15 |
| tblVehicleEF | MDV | 0.06 | 0.05 |
| tblVehicleEF | MDV | 0.10 | 0.48 |
| tblVehicleEF | MDV | 0.27 | 0.51 |
| tblVehicleEF | MDV | 5.8670e-003 | 4.8188e-003 |
| tblVehicleEF | MDV | 1.2110e-003 | 9.3691e-004 |
| tblVehicleEF | MDV | 0.14 | 0.17 |
| tblVehicleEF | MDV | 0.20 | 0.18 |
| tblVehicleEF | MDV | 0.12 | 0.15 |

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|---|---|---|---|
| tblVehicleEF | MDV | 0.08 | 0.07 |
| tblVehicleEF | MDV | 0.10 | 0.48 |
| tblVehicleEF | MDV | 0.30 | 0.56 |
| tblVehicleEF | MDV | 0.02 | 0.01 |
| tblVehicleEF | MDV | 0.02 | 0.11 |
| tblVehicleEF | MDV | 1.90 | 1.75 |
| tblVehicleEF | MDV | 3.88 | 3.89 |
| tblVehicleEF | MDV | 546.61 | 463.94 |
| tblVehicleEF | MDV | 115.27 | 95.98 |
| tblVehicleEF | MDV | 0.22 | 0.19 |
| tblVehicleEF | MDV | 0.37 | 0.51 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.2560e-003 | 2.2139e-003 |
| tblVehicleEF | MDV | 2.6380e-003 | 2.3668e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 2.0840e-003 | 2.0439e-003 |
| tblVehicleEF | MDV | 2.4310e-003 | 2.1801e-003 |
| tblVehicleEF | MDV | 0.08 | 0.10 |
| tblVehicleEF | MDV | 0.20 | 0.19 |
| tblVehicleEF | MDV | 0.07 | 0.10 |
| tblVehicleEF | MDV | 0.06 | 0.05 |
| tblVehicleEF | MDV | 0.12 | 0.59 |
| tblVehicleEF | MDV | 0.32 | 0.59 |
| tblVehicleEF | MDV | 5.4850e-003 | 4.5881e-003 |
| tblVehicleEF | MDV | 1.2220e-003 | 9.4978e-004 |
| tblVehicleEF | MDV | 0.08 | 0.10 |
| tblVehicleEF | MDV | 0.20 | 0.19 |
| tblVehicleEF | MDV | 0.07 | 0.10 |

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|---|---|---|---|
| tblVehicleEF | MDV | 0.08 | 0.07 |
| tblVehicleEF | MDV | 0.12 | 0.59 |
| tblVehicleEF | MDV | 0.35 | 0.65 |
| tblVehicleEF | MH | 0.05 | 0.02 |
| tblVehicleEF | MH | 0.04 | 0.03 |
| tblVehicleEF | MH | 4.65 | 2.63 |
| tblVehicleEF | MH | 7.97 | 2.52 |
| tblVehicleEF | MH | 1,121.37 | 1,556.29 |
| tblVehicleEF | MH | 65.88 | 21.21 |
| tblVehicleEF | MH | 1.61 | 1.56 |
| tblVehicleEF | MH | 0.96 | 0.24 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 2.0350e-003 | 4.0100e-004 |
| tblVehicleEF | MH | 3.2110e-003 | 3.2460e-003 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 1.8970e-003 | 3.7100e-004 |
| tblVehicleEF | MH | 1.46 | 1.31 |
| tblVehicleEF | MH | 0.09 | 0.08 |
| tblVehicleEF | MH | 0.56 | 0.50 |
| tblVehicleEF | MH | 0.17 | 0.10 |
| tblVehicleEF | MH | 0.02 | 1.96 |
| tblVehicleEF | MH | 0.51 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 8.0000e-004 | 2.1000e-004 |
| tblVehicleEF | MH | 1.46 | 1.31 |
| tblVehicleEF | MH | 0.09 | 0.08 |
| tblVehicleEF | MH | 0.56 | 0.50 |
| tblVehicleEF | MH | 0.22 | 0.14 |
| tblVehicleEF | MH | 0.02 | 1.96 |

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|---|---|---|---|
| tblVehicleEF | MH | 0.56 | 0.14 |
| tblVehicleEF | MH | 0.05 | 0.02 |
| tblVehicleEF | MH | 0.04 | 0.03 |
| tblVehicleEF | MH | 4.70 | 2.68 |
| tblVehicleEF | MH | 7.54 | 2.37 |
| tblVehicleEF | MH | 1,121.37 | 1,556.37 |
| tblVehicleEF | MH | 65.88 | 20.96 |
| tblVehicleEF | MH | 1.48 | 1.45 |
| tblVehicleEF | MH | 0.92 | 0.23 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 2.0350e-003 | 4.0079e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.2110e-003 | 3.2457e-003 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 1.8970e-003 | 3.7086e-004 |
| tblVehicleEF | MH | 2.26 | 2.02 |
| tblVehicleEF | MH | 0.10 | 0.09 |
| tblVehicleEF | MH | 0.89 | 0.78 |
| tblVehicleEF | MH | 0.17 | 0.11 |
| tblVehicleEF | MH | 0.02 | 1.93 |
| tblVehicleEF | MH | 0.49 | 0.12 |
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 7.9200e-004 | 2.0744e-004 |
| tblVehicleEF | MH | 2.26 | 2.02 |
| tblVehicleEF | MH | 0.10 | 0.09 |
| tblVehicleEF | MH | 0.89 | 0.78 |
| tblVehicleEF | MH | 0.23 | 0.14 |
| tblVehicleEF | MH | 0.02 | 1.93 |

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|---|---|---|---|
| tblVehicleEF | MH | 0.54 | 0.13 |
| tblVehicleEF | MH | 0.05 | 0.02 |
| tblVehicleEF | MH | 0.04 | 0.03 |
| tblVehicleEF | MH | 4.64 | 2.62 |
| tblVehicleEF | MH | 8.02 | 2.54 |
| tblVehicleEF | MH | 1,121.37 | 1,556.27 |
| tblVehicleEF | MH | 65.88 | 21.25 |
| tblVehicleEF | MH | 1.58 | 1.54 |
| tblVehicleEF | MH | 0.97 | 0.24 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 2.0350e-003 | 4.0079e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.2110e-003 | 3.2457e-003 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 1.8970e-003 | 3.7086e-004 |
| tblVehicleEF | MH | 1.63 | 1.47 |
| tblVehicleEF | MH | 0.12 | 0.10 |
| tblVehicleEF | MH | 0.59 | 0.51 |
| tblVehicleEF | MH | 0.17 | 0.10 |
| tblVehicleEF | MH | 0.03 | 2.07 |
| tblVehicleEF | MH | 0.52 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 8.0100e-004 | 2.1030e-004 |
| tblVehicleEF | MH | 1.63 | 1.47 |
| tblVehicleEF | MH | 0.12 | 0.10 |
| tblVehicleEF | MH | 0.59 | 0.51 |
| tblVehicleEF | MH | 0.22 | 0.14 |
| tblVehicleEF | MH | 0.03 | 2.07 |

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|---|---|---|---|
| tblVehicleEF | MH | 0.56 | 0.14 |
| tblVehicleEF | MHD | 0.02 | 4.4610e-003 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 0.07 | 0.01 |
| tblVehicleEF | MHD | 0.51 | 0.39 |
| tblVehicleEF | MHD | 0.87 | 1.12 |
| tblVehicleEF | MHD | 8.54 | 1.62 |
| tblVehicleEF | MHD | 139.75 | 69.33 |
| tblVehicleEF | MHD | 1,152.78 | 1,143.60 |
| tblVehicleEF | MHD | 65.27 | 12.85 |
| tblVehicleEF | MHD | 1.16 | 0.70 |
| tblVehicleEF | MHD | 2.92 | 3.42 |
| tblVehicleEF | MHD | 10.32 | 0.83 |
| tblVehicleEF | MHD | 4.9360e-003 | 3.3290e-003 |
| tblVehicleEF | MHD | 0.08 | 0.11 |
| tblVehicleEF | MHD | 1.1300e-003 | 1.8300e-004 |
| tblVehicleEF | MHD | 4.7220e-003 | 3.1850e-003 |
| tblVehicleEF | MHD | 0.08 | 0.10 |
| tblVehicleEF | MHD | 1.0440e-003 | 1.7000e-004 |
| tblVehicleEF | MHD | 1.6400e-003 | 8.7400e-004 |
| tblVehicleEF | MHD | 0.06 | 0.03 |
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 9.4100e-004 | 5.0400e-004 |
| tblVehicleEF | MHD | 0.16 | 0.20 |
| tblVehicleEF | MHD | 0.03 | 0.16 |
| tblVehicleEF | MHD | 0.53 | 0.08 |
| tblVehicleEF | MHD | 1.3460e-003 | 6.5900e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 8.0300e-004 | 1.2700e-004 |
| tblVehicleEF | MHD | 1.6400e-003 | 8.7400e-004 |

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|---|---|---|---|
| tblVehicleEF | MHD | 0.06 | 0.03 |
| tblVehicleEF | MHD | 0.05 | 0.04 |
| tblVehicleEF | MHD | 9.4100e-004 | 5.0400e-004 |
| tblVehicleEF | MHD | 0.18 | 0.23 |
| tblVehicleEF | MHD | 0.03 | 0.16 |
| tblVehicleEF | MHD | 0.58 | 0.09 |
| tblVehicleEF | MHD | 0.02 | 4.2172e-003 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 0.07 | 0.01 |
| tblVehicleEF | MHD | 0.37 | 0.30 |
| tblVehicleEF | MHD | 0.88 | 1.13 |
| tblVehicleEF | MHD | 8.13 | 1.54 |
| tblVehicleEF | MHD | 148.02 | 71.44 |
| tblVehicleEF | MHD | 1,152.78 | 1,143.62 |
| tblVehicleEF | MHD | 65.27 | 12.71 |
| tblVehicleEF | MHD | 1.20 | 0.72 |
| tblVehicleEF | MHD | 2.75 | 3.22 |
| tblVehicleEF | MHD | 10.27 | 0.82 |
| tblVehicleEF | MHD | 4.1610e-003 | 2.8083e-003 |
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 0.08 | 0.11 |
| tblVehicleEF | MHD | 1.1300e-003 | 1.8347e-004 |
| tblVehicleEF | MHD | 3.9810e-003 | 2.6868e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 0.08 | 0.10 |
| tblVehicleEF | MHD | 1.0440e-003 | 1.6979e-004 |
| tblVehicleEF | MHD | 2.5780e-003 | 1.3667e-003 |
| tblVehicleEF | MHD | 0.06 | 0.03 |

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|---|---|---|---|
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 1.4590e-003 | 7.7842e-004 |
| tblVehicleEF | MHD | 0.16 | 0.20 |
| tblVehicleEF | MHD | 0.03 | 0.16 |
| tblVehicleEF | MHD | 0.51 | 0.08 |
| tblVehicleEF | MHD | 1.4240e-003 | 6.7896e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 7.9600e-004 | 1.2578e-004 |
| tblVehicleEF | MHD | 2.5780e-003 | 1.3667e-003 |
| tblVehicleEF | MHD | 0.06 | 0.03 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 1.4590e-003 | 7.7842e-004 |
| tblVehicleEF | MHD | 0.18 | 0.23 |
| tblVehicleEF | MHD | 0.03 | 0.16 |
| tblVehicleEF | MHD | 0.56 | 0.08 |
| tblVehicleEF | MHD | 0.02 | 4.8100e-003 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 0.07 | 0.01 |
| tblVehicleEF | MHD | 0.70 | 0.51 |
| tblVehicleEF | MHD | 0.87 | 1.12 |
| tblVehicleEF | MHD | 8.61 | 1.63 |
| tblVehicleEF | MHD | 128.32 | 66.40 |
| tblVehicleEF | MHD | 1,152.78 | 1,143.59 |
| tblVehicleEF | MHD | 65.27 | 12.87 |
| tblVehicleEF | MHD | 1.11 | 0.68 |
| tblVehicleEF | MHD | 2.86 | 3.36 |
| tblVehicleEF | MHD | 10.33 | 0.83 |
| tblVehicleEF | MHD | 6.0060e-003 | 4.0477e-003 |
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |

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|---|---|---|---|
| tblVehicleEF | MHD | 0.08 | 0.11 |
| tblVehicleEF | MHD | 1.1300e-003 | 1.8347e-004 |
| tblVehicleEF | MHD | 5.7460e-003 | 3.8726e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 0.08 | 0.10 |
| tblVehicleEF | MHD | 1.0440e-003 | 1.6979e-004 |
| tblVehicleEF | MHD | 1.6980e-003 | 9.1298e-004 |
| tblVehicleEF | MHD | 0.07 | 0.04 |
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 9.2800e-004 | 4.9829e-004 |
| tblVehicleEF | MHD | 0.16 | 0.20 |
| tblVehicleEF | MHD | 0.03 | 0.18 |
| tblVehicleEF | MHD | 0.53 | 0.08 |
| tblVehicleEF | MHD | 1.2390e-003 | 6.3094e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 8.0400e-004 | 1.2738e-004 |
| tblVehicleEF | MHD | 1.6980e-003 | 9.1298e-004 |
| tblVehicleEF | MHD | 0.07 | 0.04 |
| tblVehicleEF | MHD | 0.06 | 0.04 |
| tblVehicleEF | MHD | 9.2800e-004 | 4.9829e-004 |
| tblVehicleEF | MHD | 0.18 | 0.23 |
| tblVehicleEF | MHD | 0.03 | 0.18 |
| tblVehicleEF | MHD | 0.58 | 0.09 |
| tblVehicleEF | OBUS | 0.01 | 9.4250e-003 |
| tblVehicleEF | OBUS | 0.01 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.03 |
| tblVehicleEF | OBUS | 0.29 | 0.58 |
| tblVehicleEF | OBUS | 0.91 | 1.69 |
| tblVehicleEF | OBUS | 7.01 | 2.71 |

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|---|---|---|---|
| tblVehicleEF | OBUS | 98.58 | 92.33 |
| tblVehicleEF | OBUS | 1,267.32 | 1,504.75 |
| tblVehicleEF | OBUS | 70.96 | 21.07 |
| tblVehicleEF | OBUS | 0.64 | 0.75 |
| tblVehicleEF | OBUS | 2.32 | 3.04 |
| tblVehicleEF | OBUS | 2.56 | 0.53 |
| tblVehicleEF | OBUS | 3.7800e-004 | 4.8630e-003 |
| tblVehicleEF | OBUS | 0.01 | 0.08 |
| tblVehicleEF | OBUS | 8.4700e-004 | 2.3300e-004 |
| tblVehicleEF | OBUS | 3.6100e-004 | 4.6530e-003 |
| tblVehicleEF | OBUS | 0.01 | 0.07 |
| tblVehicleEF | OBUS | 7.8200e-004 | 2.1500e-004 |
| tblVehicleEF | OBUS | 1.7210e-003 | 2.0350e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 8.4200e-004 | 9.6700e-004 |
| tblVehicleEF | OBUS | 0.08 | 0.20 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.44 | 0.14 |
| tblVehicleEF | OBUS | 9.5300e-004 | 8.7900e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 8.3300e-004 | 2.0800e-004 |
| tblVehicleEF | OBUS | 1.7210e-003 | 2.0350e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.06 | 0.09 |
| tblVehicleEF | OBUS | 8.4200e-004 | 9.6700e-004 |
| tblVehicleEF | OBUS | 0.10 | 0.24 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.49 | 0.15 |
| tblVehicleEF | OBUS | 0.01 | 9.3861e-003 |

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|---|---|---|---|
| tblVehicleEF | OBUS | 0.01 | 0.02 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.28 | 0.53 |
| tblVehicleEF | OBUS | 0.92 | 1.71 |
| tblVehicleEF | OBUS | 6.62 | 2.56 |
| tblVehicleEF | OBUS | 103.42 | 94.06 |
| tblVehicleEF | OBUS | 1,267.32 | 1,504.79 |
| tblVehicleEF | OBUS | 70.96 | 20.81 |
| tblVehicleEF | OBUS | 0.66 | 0.76 |
| tblVehicleEF | OBUS | 2.18 | 2.85 |
| tblVehicleEF | OBUS | 2.51 | 0.51 |
| tblVehicleEF | OBUS | 3.1900e-004 | 4.1038e-003 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 0.01 | 0.08 |
| tblVehicleEF | OBUS | 8.4700e-004 | 2.3256e-004 |
| tblVehicleEF | OBUS | 3.0500e-004 | 3.9263e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 0.01 | 0.07 |
| tblVehicleEF | OBUS | 7.8200e-004 | 2.1532e-004 |
| tblVehicleEF | OBUS | 2.6270e-003 | 3.0685e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 1.2860e-003 | 1.4624e-003 |
| tblVehicleEF | OBUS | 0.08 | 0.20 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.43 | 0.13 |
| tblVehicleEF | OBUS | 9.9900e-004 | 8.9518e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |

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|---|---|---|---|
| tblVehicleEF | OBUS | 8.2600e-004 | 2.0593e-004 |
| tblVehicleEF | OBUS | 2.6270e-003 | 3.0685e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.06 | 0.09 |
| tblVehicleEF | OBUS | 1.2860e-003 | 1.4624e-003 |
| tblVehicleEF | OBUS | 0.10 | 0.24 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.47 | 0.14 |
| tblVehicleEF | OBUS | 0.01 | 9.4980e-003 |
| tblVehicleEF | OBUS | 0.01 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.03 |
| tblVehicleEF | OBUS | 0.32 | 0.65 |
| tblVehicleEF | OBUS | 0.90 | 1.69 |
| tblVehicleEF | OBUS | 7.07 | 2.73 |
| tblVehicleEF | OBUS | 91.91 | 89.95 |
| tblVehicleEF | OBUS | 1,267.32 | 1,504.74 |
| tblVehicleEF | OBUS | 70.96 | 21.12 |
| tblVehicleEF | OBUS | 0.61 | 0.73 |
| tblVehicleEF | OBUS | 2.28 | 2.99 |
| tblVehicleEF | OBUS | 2.57 | 0.53 |
| tblVehicleEF | OBUS | 4.6000e-004 | 5.9121e-003 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 0.01 | 0.08 |
| tblVehicleEF | OBUS | 8.4700e-004 | 2.3256e-004 |
| tblVehicleEF | OBUS | 4.4000e-004 | 5.6564e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 0.01 | 0.07 |
| tblVehicleEF | OBUS | 7.8200e-004 | 2.1532e-004 |

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|---|---|---|---|
| tblVehicleEF | OBUS | 1.7890e-003 | 2.1596e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.03 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 8.3300e-004 | 9.6792e-004 |
| tblVehicleEF | OBUS | 0.08 | 0.20 |
| tblVehicleEF | OBUS | 0.05 | 0.27 |
| tblVehicleEF | OBUS | 0.45 | 0.14 |
| tblVehicleEF | OBUS | 8.8900e-004 | 8.5631e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 8.3400e-004 | 2.0896e-004 |
| tblVehicleEF | OBUS | 1.7890e-003 | 2.1596e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.03 |
| tblVehicleEF | OBUS | 0.06 | 0.09 |
| tblVehicleEF | OBUS | 8.3300e-004 | 9.6792e-004 |
| tblVehicleEF | OBUS | 0.10 | 0.24 |
| tblVehicleEF | OBUS | 0.05 | 0.27 |
| tblVehicleEF | OBUS | 0.49 | 0.15 |
| tblVehicleEF | SBUS | 0.88 | 0.06 |
| tblVehicleEF | SBUS | 0.02 | 0.01 |
| tblVehicleEF | SBUS | 0.08 | 5.9540e-003 |
| tblVehicleEF | SBUS | 7.42 | 2.43 |
| tblVehicleEF | SBUS | 1.03 | 0.98 |
| tblVehicleEF | SBUS | 8.08 | 0.85 |
| tblVehicleEF | SBUS | 1,189.21 | 353.51 |
| tblVehicleEF | SBUS | 1,126.06 | 1,158.58 |
| tblVehicleEF | SBUS | 48.51 | 4.94 |
| tblVehicleEF | SBUS | 12.14 | 3.74 |
| tblVehicleEF | SBUS | 5.83 | 6.15 |
| tblVehicleEF | SBUS | 13.45 | 0.59 |
| tblVehicleEF | SBUS | 0.02 | 6.4200e-003 |

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|---|---|---|---|
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.04 |
| tblVehicleEF | SBUS | 6.8600e-004 | 4.3000e-005 |
| tblVehicleEF | SBUS | 0.02 | 6.1430e-003 |
| tblVehicleEF | SBUS | 2.7190e-003 | 2.6990e-003 |
| tblVehicleEF | SBUS | 0.03 | 0.04 |
| tblVehicleEF | SBUS | 6.3000e-004 | 4.0000e-005 |
| tblVehicleEF | SBUS | 4.1630e-003 | 1.1120e-003 |
| tblVehicleEF | SBUS | 0.03 | 8.8780e-003 |
| tblVehicleEF | SBUS | 0.90 | 0.29 |
| tblVehicleEF | SBUS | 1.8230e-003 | 5.0200e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.13 |
| tblVehicleEF | SBUS | 0.02 | 0.08 |
| tblVehicleEF | SBUS | 0.43 | 0.03 |
| tblVehicleEF | SBUS | 0.01 | 3.3690e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.2500e-004 | 4.9000e-005 |
| tblVehicleEF | SBUS | 4.1630e-003 | 1.1120e-003 |
| tblVehicleEF | SBUS | 0.03 | 8.8780e-003 |
| tblVehicleEF | SBUS | 1.29 | 0.41 |
| tblVehicleEF | SBUS | 1.8230e-003 | 5.0200e-004 |
| tblVehicleEF | SBUS | 0.16 | 0.16 |
| tblVehicleEF | SBUS | 0.02 | 0.08 |
| tblVehicleEF | SBUS | 0.47 | 0.04 |
| tblVehicleEF | SBUS | 0.88 | 0.06 |
| tblVehicleEF | SBUS | 0.02 | 0.01 |
| tblVehicleEF | SBUS | 0.07 | 5.2215e-003 |
| tblVehicleEF | SBUS | 7.27 | 2.38 |
| tblVehicleEF | SBUS | 1.05 | 0.99 |
| tblVehicleEF | SBUS | 6.43 | 0.68 |

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| tblVehicleEF | SBUS | 1,126.06 | 1,158.61 |
| tblVehicleEF | SBUS | 48.51 | 4.64 |
| tblVehicleEF | SBUS | 12.53 | 3.84 |
| tblVehicleEF | SBUS | 5.49 | 5.80 |
| tblVehicleEF | SBUS | 13.41 | 0.59 |
| tblVehicleEF | SBUS | 0.01 | 5.4183e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.04 |
| tblVehicleEF | SBUS | 6.8600e-004 | 4.3378e-005 |
| tblVehicleEF | SBUS | 0.01 | 5.1839e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.7190e-003 | 2.6986e-003 |
| tblVehicleEF | SBUS | 0.03 | 0.04 |
| tblVehicleEF | SBUS | 6.3000e-004 | 3.9884e-005 |
| tblVehicleEF | SBUS | 6.3910e-003 | 1.6978e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.0877e-003 |
| tblVehicleEF | SBUS | 0.90 | 0.29 |
| tblVehicleEF | SBUS | 2.8630e-003 | 7.7801e-004 |
| tblVehicleEF | SBUS | 0.14 | 0.13 |
| tblVehicleEF | SBUS | 0.02 | 0.07 |
| tblVehicleEF | SBUS | 0.38 | 0.03 |
| tblVehicleEF | SBUS | 0.01 | 3.4739e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 5.9800e-004 | 4.5957e-005 |
| tblVehicleEF | SBUS | 6.3910e-003 | 1.6978e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.0877e-003 |
| tblVehicleEF | SBUS | 1.29 | 0.41 |
| tblVehicleEF | SBUS | 2.8630e-003 | 7.7801e-004 |

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|---|---|---|---|
| tblVehicleEF | SBUS | 0.16 | 0.16 |
| tblVehicleEF | SBUS | 0.02 | 0.07 |
| tblVehicleEF | SBUS | 0.41 | 0.03 |
| tblVehicleEF | SBUS | 0.88 | 0.06 |
| tblVehicleEF | SBUS | 0.02 | 0.01 |
| tblVehicleEF | SBUS | 0.08 | 6.1021e-003 |
| tblVehicleEF | SBUS | 7.64 | 2.50 |
| tblVehicleEF | SBUS | 1.03 | 0.97 |
| tblVehicleEF | SBUS | 8.36 | 0.88 |
| tblVehicleEF | SBUS | 1,111.28 | 338.23 |
| tblVehicleEF | SBUS | 1,126.06 | 1,158.57 |
| tblVehicleEF | SBUS | 48.51 | 4.99 |
| tblVehicleEF | SBUS | 11.61 | 3.60 |
| tblVehicleEF | SBUS | 5.74 | 6.05 |
| tblVehicleEF | SBUS | 13.46 | 0.59 |
| tblVehicleEF | SBUS | 0.02 | 7.8043e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.04 |
| tblVehicleEF | SBUS | 6.8600e-004 | 4.3378e-005 |
| tblVehicleEF | SBUS | 0.02 | 7.4667e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.7190e-003 | 2.6986e-003 |
| tblVehicleEF | SBUS | 0.03 | 0.04 |
| tblVehicleEF | SBUS | 6.3000e-004 | 3.9884e-005 |
| tblVehicleEF | SBUS | 4.4520e-003 | 1.1827e-003 |
| tblVehicleEF | SBUS | 0.04 | 0.01 |
| tblVehicleEF | SBUS | 0.90 | 0.29 |
| tblVehicleEF | SBUS | 1.8210e-003 | 5.0817e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.13 |

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|---|---|---|---|
| tblVehicleEF | SBUS | 0.02 | 0.09 |
| tblVehicleEF | SBUS | 0.44 | 0.04 |
| tblVehicleEF | SBUS | 0.01 | 3.2250e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.3000e-004 | 4.9380e-005 |
| tblVehicleEF | SBUS | 4.4520e-003 | 1.1827e-003 |
| tblVehicleEF | SBUS | 0.04 | 0.01 |
| tblVehicleEF | SBUS | 1.30 | 0.41 |
| tblVehicleEF | SBUS | 1.8210e-003 | 5.0817e-004 |
| tblVehicleEF | SBUS | 0.16 | 0.16 |
| tblVehicleEF | SBUS | 0.02 | 0.09 |
| tblVehicleEF | SBUS | 0.48 | 0.04 |
| tblVehicleEF | UBUS | 2.98 | 6.60 |
| tblVehicleEF | UBUS | 0.06 | 0.02 |
| tblVehicleEF | UBUS | 13.28 | 33.66 |
| tblVehicleEF | UBUS | 10.93 | 0.94 |
| tblVehicleEF | UBUS | 2,011.88 | 1,933.49 |
| tblVehicleEF | UBUS | 95.00 | 11.92 |
| tblVehicleEF | UBUS | 11.80 | 2.78 |
| tblVehicleEF | UBUS | 15.88 | 0.12 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.15 | 4.6650e-003 |
| tblVehicleEF | UBUS | 1.0690e-003 | 2.4000e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.5900e-003 |
| tblVehicleEF | UBUS | 0.14 | 4.4610e-003 |
| tblVehicleEF | UBUS | 9.8800e-004 | 2.2000e-005 |
| tblVehicleEF | UBUS | 5.6060e-003 | 8.6600e-004 |
| tblVehicleEF | UBUS | 0.09 | 0.01 |

| | | | |
|---|---|---|---|
| tblVehicleEF | UBUS | 2.9810e-003 | 6.5800e-004 |
| tblVehicleEF | UBUS | 1.01 | 0.34 |
| tblVehicleEF | UBUS | 0.02 | 0.06 |
| tblVehicleEF | UBUS | 0.81 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 2.4510e-003 |
| tblVehicleEF | UBUS | 1.1470e-003 | 1.1800e-004 |
| tblVehicleEF | UBUS | 5.6060e-003 | 8.6600e-004 |
| tblVehicleEF | UBUS | 0.09 | 0.01 |
| tblVehicleEF | UBUS | 2.9810e-003 | 6.5800e-004 |
| tblVehicleEF | UBUS | 4.11 | 7.01 |
| tblVehicleEF | UBUS | 0.02 | 0.06 |
| tblVehicleEF | UBUS | 0.89 | 0.07 |
| tblVehicleEF | UBUS | 2.98 | 6.60 |
| tblVehicleEF | UBUS | 0.05 | 0.01 |
| tblVehicleEF | UBUS | 13.34 | 33.66 |
| tblVehicleEF | UBUS | 9.50 | 0.83 |
| tblVehicleEF | UBUS | 2,011.88 | 1,933.49 |
| tblVehicleEF | UBUS | 95.00 | 11.72 |
| tblVehicleEF | UBUS | 11.12 | 2.78 |
| tblVehicleEF | UBUS | 15.82 | 0.12 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.15 | 4.6647e-003 |
| tblVehicleEF | UBUS | 1.0690e-003 | 2.3655e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.5896e-003 |
| tblVehicleEF | UBUS | 0.14 | 4.4609e-003 |
| tblVehicleEF | UBUS | 9.8800e-004 | 2.1750e-005 |
| tblVehicleEF | UBUS | 8.4440e-003 | 1.3092e-003 |
| tblVehicleEF | UBUS | 0.10 | 0.01 |

| | | | |
|---|---|---|---|
| tblVehicleEF | UBUS | 4.5610e-003 | 9.7544e-004 |
| tblVehicleEF | UBUS | 1.02 | 0.34 |
| tblVehicleEF | UBUS | 0.02 | 0.06 |
| tblVehicleEF | UBUS | 0.74 | 0.06 |
| tblVehicleEF | UBUS | 0.01 | 2.4506e-003 |
| tblVehicleEF | UBUS | 1.1220e-003 | 1.1599e-004 |
| tblVehicleEF | UBUS | 8.4440e-003 | 1.3092e-003 |
| tblVehicleEF | UBUS | 0.10 | 0.01 |
| tblVehicleEF | UBUS | 4.5610e-003 | 9.7544e-004 |
| tblVehicleEF | UBUS | 4.12 | 7.01 |
| tblVehicleEF | UBUS | 0.02 | 0.06 |
| tblVehicleEF | UBUS | 0.81 | 0.07 |
| tblVehicleEF | UBUS | 2.98 | 6.60 |
| tblVehicleEF | UBUS | 0.06 | 0.02 |
| tblVehicleEF | UBUS | 13.27 | 33.66 |
| tblVehicleEF | UBUS | 11.14 | 0.96 |
| tblVehicleEF | UBUS | 2,011.88 | 1,933.49 |
| tblVehicleEF | UBUS | 95.00 | 11.95 |
| tblVehicleEF | UBUS | 11.59 | 2.78 |
| tblVehicleEF | UBUS | 15.89 | 0.12 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.15 | 4.6647e-003 |
| tblVehicleEF | UBUS | 1.0690e-003 | 2.3655e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.5896e-003 |
| tblVehicleEF | UBUS | 0.14 | 4.4609e-003 |
| tblVehicleEF | UBUS | 9.8800e-004 | 2.1750e-005 |
| tblVehicleEF | UBUS | 6.2210e-003 | 8.4446e-004 |
| tblVehicleEF | UBUS | 0.11 | 0.01 |

| | | | |
|---|---|---|---|
| tblVehicleEF | UBUS | 3.1200e-003 | 6.3647e-004 |
| tblVehicleEF | UBUS | 1.01 | 0.34 |
| tblVehicleEF | UBUS | 0.03 | 0.08 |
| tblVehicleEF | UBUS | 0.82 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 2.4506e-003 |
| tblVehicleEF | UBUS | 1.1500e-003 | 1.1827e-004 |
| tblVehicleEF | UBUS | 6.2210e-003 | 8.4446e-004 |
| tblVehicleEF | UBUS | 0.11 | 0.01 |
| tblVehicleEF | UBUS | 3.1200e-003 | 6.3647e-004 |
| tblVehicleEF | UBUS | 4.10 | 7.01 |
| tblVehicleEF | UBUS | 0.03 | 0.08 |
| tblVehicleEF | UBUS | 0.90 | 0.07 |
| tblVehicleTrips | DV_TP | 40.00 | 35.00 |
| tblVehicleTrips | PB_TP | 15.00 | 25.00 |
| tblVehicleTrips | PR_TP | 45.00 | 40.00 |
| tblVehicleTrips | ST_TR | 42.04 | 28.31 |
| tblVehicleTrips | SU_TR | 20.43 | 28.31 |
| tblVehicleTrips | WD_TR | 44.32 | 28.31 |

## 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 | 0.3063 | 3.0000e-005 | 3.5000e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 7.4000e-003 | 7.4000e-003 | 2.0000e-005 | | 7.9100e-003 |
| Energy | 6.4000e-004 | 5.8600e-003 | 4.9200e-003 | 4.0000e-005 | | 4.5000e-004 | 4.5000e-004 | | 4.5000e-004 | 4.5000e-004 | | 7.0310 | 7.0310 | 1.3000e-004 | 1.3000e-004 | 7.0728 |
| Mobile | 1.4372 | 1.2794 | 9.2166 | 0.0156 | 1.3416 | 0.0198 | 1.3614 | 0.3576 | 0.0186 | 0.3762 | | 1,586.6617 | 1,586.6617 | 0.1367 | | 1,590.0783 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total** | **1.7442** | **1.2853** | **9.2250** | **0.0156** | **1.3416** | **0.0203** | **1.3618** | **0.3576** | **0.0191** | **0.3766** | | **1,593.7000** | **1,593.7000** | **0.1368** | **1.3000e-004** | **1,597.1590** |

**Mitigated Operational**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 0.3063 | 3.0000e-005 | 3.5000e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 7.4000e-003 | 7.4000e-003 | 2.0000e-005 | | 7.9100e-003 |
| Energy | 6.4000e-004 | 5.8600e-003 | 4.9200e-003 | 4.0000e-005 | | 4.5000e-004 | 4.5000e-004 | | 4.5000e-004 | 4.5000e-004 | | 7.0310 | 7.0310 | 1.3000e-004 | 1.3000e-004 | 7.0728 |
| Mobile | 1.4372 | 1.2794 | 9.2166 | 0.0156 | 1.3416 | 0.0198 | 1.3614 | 0.3576 | 0.0186 | 0.3762 | | 1,586.6617 | 1,586.6617 | 0.1367 | | 1,590.0783 |
| **Total** | **1.7442** | **1.2853** | **9.2250** | **0.0156** | **1.3416** | **0.0203** | **1.3618** | **0.3576** | **0.0191** | **0.3766** | | **1,593.7000** | **1,593.7000** | **0.1368** | **1.3000e-004** | **1,597.1590** |

| | **ROG** | **NOx** | **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** |

# 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 | 1.4372 | 1.2794 | 9.2166 | 0.0156 | 1.3416 | 0.0198 | 1.3614 | 0.3576 | 0.0186 | 0.3762 | | 1,586.6617 | 1,586.6617 | 0.1367 | | 1,590.0783 |
| Unmitigated | 1.4372 | 1.2794 | 9.2166 | 0.0156 | 1.3416 | 0.0198 | 1.3614 | 0.3576 | 0.0186 | 0.3762 | | 1,586.6617 | 1,586.6617 | 0.1367 | | 1,590.0783 |

## 4.2 Trip Summary Information

| | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|---|---|---|---|---|---|
| Land Use | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Parking Lot | 0.00 | 0.00 | 0.00 | | |
| Strip Mall | 376.52 | 376.52 | 376.52 | 636,569 | 636,569 |
| Total | 376.52 | 376.52 | 376.52 | 636,569 | 636,569 |

## 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 |
| Parking Lot | 16.60 | 8.40 | 6.90 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| Strip Mall | 16.60 | 8.40 | 6.90 | 16.60 | 64.40 | 19.00 | 40 | 35 | 25 |

## 4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parking Lot | 0.544640 | 0.056709 | 0.184037 | 0.135255 | 0.023974 | 0.005744 | 0.012157 | 0.008882 | 0.000874 | 0.000542 | 0.022226 | 0.000740 | 0.004220 |
| Strip Mall | 0.544640 | 0.056709 | 0.184037 | 0.135255 | 0.023974 | 0.005744 | 0.012157 | 0.008882 | 0.000874 | 0.000542 | 0.022226 | 0.000740 | 0.004220 |

# 5.0 Energy Detail

Historical Energy Use: Y

## 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 | 6.4000e-004 | 5.8600e-003 | 4.9200e-003 | 4.0000e-005 | | 4.5000e-004 | 4.5000e-004 | | 4.5000e-004 | 4.5000e-004 | | 7.0310 | 7.0310 | 1.3000e-004 | 1.3000e-004 | 7.0728 |
| NaturalGas Unmitigated | 6.4000e-004 | 5.8600e-003 | 4.9200e-003 | 4.0000e-005 | | 4.5000e-004 | 4.5000e-004 | | 4.5000e-004 | 4.5000e-004 | | 7.0310 | 7.0310 | 1.3000e-004 | 1.3000e-004 | 7.0728 |

## 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 | | | | | |
| Parking Lot | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Strip Mall | 59.7634 | 6.4000e-004 | 5.8600e-003 | 4.9200e-003 | 4.0000e-005 | | 4.5000e-004 | 4.5000e-004 | | 4.5000e-004 | 4.5000e-004 | | 7.0310 | 7.0310 | 1.3000e-004 | 1.3000e-004 | 7.0728 |
| **Total** | | **6.4000e-004** | **5.8600e-003** | **4.9200e-003** | **4.0000e-005** | | **4.5000e-004** | **4.5000e-004** | | **4.5000e-004** | **4.5000e-004** | | **7.0310** | **7.0310** | **1.3000e-004** | **1.3000e-004** | **7.0728** |

**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 | | | | | |
| Parking Lot | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Strip Mall | 0.0597634 | 6.4000e-004 | 5.8600e-003 | 4.9200e-003 | 4.0000e-005 | | 4.5000e-004 | 4.5000e-004 | | 4.5000e-004 | 4.5000e-004 | | 7.0310 | 7.0310 | 1.3000e-004 | 1.3000e-004 | 7.0728 |
| **Total** | | **6.4000e-004** | **5.8600e-003** | **4.9200e-003** | **4.0000e-005** | | **4.5000e-004** | **4.5000e-004** | | **4.5000e-004** | **4.5000e-004** | | **7.0310** | **7.0310** | **1.3000e-004** | **1.3000e-004** | **7.0728** |

# 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 | 0.3063 | 3.0000e-005 | 3.5000e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 7.4000e-003 | 7.4000e-003 | 2.0000e-005 | | 7.9100e-003 |
| Unmitigated | 0.3063 | 3.0000e-005 | 3.5000e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 7.4000e-003 | 7.4000e-003 | 2.0000e-005 | | 7.9100e-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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 0.0354 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 0.2706 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 3.3000e-004 | 3.0000e-005 | 3.5000e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 7.4000e-003 | 7.4000e-003 | 2.0000e-005 | | 7.9100e-003 |
| **Total** | **0.3063** | **3.0000e-005** | **3.5000e-003** | **0.0000** | | **1.0000e-005** | **1.0000e-005** | | **1.0000e-005** | **1.0000e-005** | | **7.4000e-003** | **7.4000e-003** | **2.0000e-005** | | **7.9100e-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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 0.0354 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 0.2706 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 3.3000e-004 | 3.0000e-005 | 3.5000e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 7.4000e-003 | 7.4000e-003 | 2.0000e-005 | | 7.9100e-003 |
| **Total** | **0.3063** | **3.0000e-005** | **3.5000e-003** | **0.0000** | | **1.0000e-005** | **1.0000e-005** | | **1.0000e-005** | **1.0000e-005** | | **7.4000e-003** | **7.4000e-003** | **2.0000e-005** | | **7.9100e-003** |

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

## 8.0 Waste Detail

### 8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

## 9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|---|---|---|---|---|---|---|

## 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

# 11469 Jefferson

**South Coast AQMD Air District, Winter**

## 1.0 Project Characteristics

### 1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|---|---|---|---|---|---|
| Parking Lot | 20.52 | 1000sqft | 0.39 | 20,516.00 | 0 |
| Strip Mall | 13.30 | 1000sqft | 0.39 | 13,301.00 | 0 |

### 1.2 Other Project Characteristics

| | | | | | |
|---|---|---|---|---|---|
| **Urbanization** | Urban | **Wind Speed (m/s)** | 2.2 | **Precipitation Freq (Days)** | 31 |
| **Climate Zone** | 11 | | | **Operational Year** | 2018 |
| **Utility Company** | Southern California Edison | | | | |
| **CO2 Intensity (lb/MWhr)** | 578.93 | **CH4 Intensity (lb/MWhr)** | 0.029 | **N2O Intensity (lb/MWhr)** | 0.006 |

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics - see operational assumptions

Land Use - see operational assumptions

Vehicle Trips - Trip rates from Project traffic study. Trip percentages adjusted to account for 25% pass-by trips in traffic study.

Vehicle Emission Factors - Updated to EMFAC2017 EFs

Energy Use - see operational assumptions

Waste Mitigation -

| Table Name | Column Name | Default Value | New Value |
|---|---|---|---|
| tblEnergyUse | LightingElect | 0.88 | 0.35 |
| tblEnergyUse | LightingElect | 7.56 | 6.26 |
| tblEnergyUse | T24E | 5.17 | 4.01 |
| tblEnergyUse | T24NG | 1.33 | 1.15 |
| tblFleetMix | HHD | 0.03 | 8.8816e-003 |
| tblFleetMix | HHD | 0.03 | 8.8816e-003 |
| tblFleetMix | LDA | 0.54 | 0.54 |
| tblFleetMix | LDA | 0.54 | 0.54 |
| tblFleetMix | LDT1 | 0.04 | 0.06 |
| tblFleetMix | LDT1 | 0.04 | 0.06 |
| tblFleetMix | LDT2 | 0.20 | 0.18 |
| tblFleetMix | LDT2 | 0.20 | 0.18 |
| tblFleetMix | LHD1 | 0.02 | 0.02 |
| tblFleetMix | LHD1 | 0.02 | 0.02 |
| tblFleetMix | LHD2 | 5.8790e-003 | 5.7440e-003 |
| tblFleetMix | LHD2 | 5.8790e-003 | 5.7440e-003 |
| tblFleetMix | MCY | 4.6560e-003 | 0.02 |
| tblFleetMix | MCY | 4.6560e-003 | 0.02 |
| tblFleetMix | MDV | 0.13 | 0.14 |
| tblFleetMix | MDV | 0.13 | 0.14 |
| tblFleetMix | MH | 1.0290e-003 | 4.2203e-003 |
| tblFleetMix | MH | 1.0290e-003 | 4.2203e-003 |
| tblFleetMix | MHD | 0.02 | 0.01 |
| tblFleetMix | MHD | 0.02 | 0.01 |
| tblFleetMix | OBUS | 1.9580e-003 | 8.7399e-004 |
| tblFleetMix | OBUS | 1.9580e-003 | 8.7399e-004 |
| tblFleetMix | SBUS | 7.0200e-004 | 7.3985e-004 |
| tblFleetMix | SBUS | 7.0200e-004 | 7.3985e-004 |
| tblFleetMix | UBUS | 2.1130e-003 | 5.4209e-004 |

| | | | |
|---|---|---|---|
| tblFleetMix | UBUS | 2.1130e-003 | 5.4209e-004 |
| tblLandUse | LandUseSquareFeet | 20,520.00 | 20,516.00 |
| tblLandUse | LandUseSquareFeet | 13,300.00 | 13,301.00 |
| tblLandUse | LotAcreage | 0.47 | 0.39 |
| tblLandUse | LotAcreage | 0.31 | 0.39 |
| tblProjectCharacteristics | CO2IntensityFactor | 702.44 | 578.93 |
| tblVehicleEF | HHD | 0.88 | 0.03 |
| tblVehicleEF | HHD | 0.08 | 0.08 |
| tblVehicleEF | HHD | 0.13 | 0.00 |
| tblVehicleEF | HHD | 3.32 | 5.23 |
| tblVehicleEF | HHD | 1.00 | 0.92 |
| tblVehicleEF | HHD | 3.42 | 0.01 |
| tblVehicleEF | HHD | 5,009.33 | 1,138.51 |
| tblVehicleEF | HHD | 1,669.20 | 1,568.92 |
| tblVehicleEF | HHD | 10.19 | 0.14 |
| tblVehicleEF | HHD | 26.37 | 6.76 |
| tblVehicleEF | HHD | 4.88 | 5.24 |
| tblVehicleEF | HHD | 19.76 | 1.39 |
| tblVehicleEF | HHD | 0.03 | 0.02 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.03 | 0.09 |
| tblVehicleEF | HHD | 1.6200e-004 | 7.0000e-006 |
| tblVehicleEF | HHD | 0.03 | 0.02 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8190e-003 | 8.8740e-003 |
| tblVehicleEF | HHD | 0.02 | 0.09 |
| tblVehicleEF | HHD | 1.5200e-004 | 6.0000e-006 |
| tblVehicleEF | HHD | 1.5700e-004 | 1.7000e-005 |
| tblVehicleEF | HHD | 7.4750e-003 | 8.7300e-004 |

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|---|---|---|---|
| tblVehicleEF | HHD | 0.84 | 0.49 |
| tblVehicleEF | HHD | 1.0600e-004 | 1.1000e-005 |
| tblVehicleEF | HHD | 0.15 | 0.20 |
| tblVehicleEF | HHD | 5.9700e-004 | 3.6760e-003 |
| tblVehicleEF | HHD | 0.12 | 2.0000e-006 |
| tblVehicleEF | HHD | 0.05 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.6000e-004 | 1.0000e-006 |
| tblVehicleEF | HHD | 1.5700e-004 | 1.7000e-005 |
| tblVehicleEF | HHD | 7.4750e-003 | 8.7300e-004 |
| tblVehicleEF | HHD | 0.98 | 0.57 |
| tblVehicleEF | HHD | 1.0600e-004 | 1.1000e-005 |
| tblVehicleEF | HHD | 0.25 | 0.30 |
| tblVehicleEF | HHD | 5.9700e-004 | 3.6760e-003 |
| tblVehicleEF | HHD | 0.13 | 2.0000e-006 |
| tblVehicleEF | HHD | 0.83 | 0.03 |
| tblVehicleEF | HHD | 0.08 | 0.08 |
| tblVehicleEF | HHD | 0.13 | 4.0673e-007 |
| tblVehicleEF | HHD | 2.42 | 5.03 |
| tblVehicleEF | HHD | 1.00 | 0.92 |
| tblVehicleEF | HHD | 3.26 | 9.5472e-003 |
| tblVehicleEF | HHD | 5,302.12 | 1,144.85 |
| tblVehicleEF | HHD | 1,669.20 | 1,568.92 |
| tblVehicleEF | HHD | 10.19 | 0.14 |
| tblVehicleEF | HHD | 27.20 | 6.67 |
| tblVehicleEF | HHD | 4.61 | 4.96 |
| tblVehicleEF | HHD | 19.75 | 1.39 |
| tblVehicleEF | HHD | 0.03 | 0.02 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |

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|---|---|---|---|
| tblVehicleEF | HHD | 0.03 | 0.09 |
| tblVehicleEF | HHD | 1.6200e-004 | 6.5633e-006 |
| tblVehicleEF | HHD | 0.03 | 0.02 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8190e-003 | 8.8738e-003 |
| tblVehicleEF | HHD | 0.02 | 0.09 |
| tblVehicleEF | HHD | 1.5200e-004 | 6.1762e-006 |
| tblVehicleEF | HHD | 2.5700e-004 | 2.8311e-005 |
| tblVehicleEF | HHD | 7.7700e-003 | 8.9460e-004 |
| tblVehicleEF | HHD | 0.79 | 0.50 |
| tblVehicleEF | HHD | 1.7300e-004 | 1.8720e-005 |
| tblVehicleEF | HHD | 0.15 | 0.20 |
| tblVehicleEF | HHD | 5.9300e-004 | 3.6711e-003 |
| tblVehicleEF | HHD | 0.12 | 2.1473e-006 |
| tblVehicleEF | HHD | 0.05 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.5700e-004 | 1.4234e-006 |
| tblVehicleEF | HHD | 2.5700e-004 | 2.8311e-005 |
| tblVehicleEF | HHD | 7.7700e-003 | 8.9460e-004 |
| tblVehicleEF | HHD | 0.92 | 0.58 |
| tblVehicleEF | HHD | 1.7300e-004 | 1.8720e-005 |
| tblVehicleEF | HHD | 0.25 | 0.30 |
| tblVehicleEF | HHD | 5.9300e-004 | 3.6711e-003 |
| tblVehicleEF | HHD | 0.13 | 2.3510e-006 |
| tblVehicleEF | HHD | 0.94 | 0.03 |
| tblVehicleEF | HHD | 0.08 | 0.08 |
| tblVehicleEF | HHD | 0.14 | 4.2799e-007 |
| tblVehicleEF | HHD | 4.55 | 5.50 |
| tblVehicleEF | HHD | 1.00 | 0.92 |
| tblVehicleEF | HHD | 3.44 | 0.01 |

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|---|---|---|---|
| tblVehicleEF | HHD | 4,605.00 | 1,129.76 |
| tblVehicleEF | HHD | 1,669.20 | 1,568.92 |
| tblVehicleEF | HHD | 10.19 | 0.14 |
| tblVehicleEF | HHD | 25.21 | 6.87 |
| tblVehicleEF | HHD | 4.81 | 5.17 |
| tblVehicleEF | HHD | 19.77 | 1.39 |
| tblVehicleEF | HHD | 0.04 | 0.03 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.03 | 0.09 |
| tblVehicleEF | HHD | 1.6200e-004 | 6.5633e-006 |
| tblVehicleEF | HHD | 0.04 | 0.02 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8190e-003 | 8.8738e-003 |
| tblVehicleEF | HHD | 0.02 | 0.09 |
| tblVehicleEF | HHD | 1.5200e-004 | 6.1762e-006 |
| tblVehicleEF | HHD | 1.5700e-004 | 1.8150e-005 |
| tblVehicleEF | HHD | 8.7800e-003 | 1.0977e-003 |
| tblVehicleEF | HHD | 0.90 | 0.48 |
| tblVehicleEF | HHD | 1.0500e-004 | 1.1380e-005 |
| tblVehicleEF | HHD | 0.15 | 0.20 |
| tblVehicleEF | HHD | 6.3800e-004 | 3.8771e-003 |
| tblVehicleEF | HHD | 0.12 | 2.2515e-006 |
| tblVehicleEF | HHD | 0.04 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.6000e-004 | 1.4325e-006 |
| tblVehicleEF | HHD | 1.5700e-004 | 1.8150e-005 |
| tblVehicleEF | HHD | 8.7800e-003 | 1.0977e-003 |
| tblVehicleEF | HHD | 1.05 | 0.55 |
| tblVehicleEF | HHD | 1.0500e-004 | 1.1380e-005 |

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|---|---|---|---|
| tblVehicleEF | HHD | 0.25 | 0.30 |
| tblVehicleEF | HHD | 6.3800e-004 | 3.8771e-003 |
| tblVehicleEF | HHD | 0.13 | 2.4651e-006 |
| tblVehicleEF | LDA | 7.3040e-003 | 5.0710e-003 |
| tblVehicleEF | LDA | 9.2160e-003 | 0.07 |
| tblVehicleEF | LDA | 0.85 | 1.02 |
| tblVehicleEF | LDA | 1.72 | 2.36 |
| tblVehicleEF | LDA | 308.31 | 297.50 |
| tblVehicleEF | LDA | 64.95 | 59.50 |
| tblVehicleEF | LDA | 0.07 | 0.07 |
| tblVehicleEF | LDA | 0.12 | 0.24 |
| tblVehicleEF | LDA | 2.1480e-003 | 1.9570e-003 |
| tblVehicleEF | LDA | 2.3680e-003 | 2.1220e-003 |
| tblVehicleEF | LDA | 1.9830e-003 | 1.8040e-003 |
| tblVehicleEF | LDA | 2.1790e-003 | 1.9520e-003 |
| tblVehicleEF | LDA | 0.06 | 0.08 |
| tblVehicleEF | LDA | 0.14 | 0.13 |
| tblVehicleEF | LDA | 0.05 | 0.07 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.05 | 0.26 |
| tblVehicleEF | LDA | 0.12 | 0.33 |
| tblVehicleEF | LDA | 3.0910e-003 | 2.9430e-003 |
| tblVehicleEF | LDA | 6.7900e-004 | 5.8900e-004 |
| tblVehicleEF | LDA | 0.06 | 0.08 |
| tblVehicleEF | LDA | 0.14 | 0.13 |
| tblVehicleEF | LDA | 0.05 | 0.07 |
| tblVehicleEF | LDA | 0.03 | 0.03 |
| tblVehicleEF | LDA | 0.05 | 0.26 |
| tblVehicleEF | LDA | 0.14 | 0.36 |
| tblVehicleEF | LDA | 7.8020e-003 | 5.4409e-003 |

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|---|---|---|---|
| tblVehicleEF | LDA | 8.1630e-003 | 0.06 |
| tblVehicleEF | LDA | 0.95 | 1.14 |
| tblVehicleEF | LDA | 1.48 | 2.02 |
| tblVehicleEF | LDA | 324.75 | 312.83 |
| tblVehicleEF | LDA | 64.95 | 58.84 |
| tblVehicleEF | LDA | 0.07 | 0.06 |
| tblVehicleEF | LDA | 0.11 | 0.22 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 2.1480e-003 | 1.9572e-003 |
| tblVehicleEF | LDA | 2.3680e-003 | 2.1223e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 1.9830e-003 | 1.8043e-003 |
| tblVehicleEF | LDA | 2.1790e-003 | 1.9524e-003 |
| tblVehicleEF | LDA | 0.09 | 0.12 |
| tblVehicleEF | LDA | 0.15 | 0.14 |
| tblVehicleEF | LDA | 0.07 | 0.10 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.05 | 0.24 |
| tblVehicleEF | LDA | 0.11 | 0.29 |
| tblVehicleEF | LDA | 3.2560e-003 | 3.0950e-003 |
| tblVehicleEF | LDA | 6.7500e-004 | 5.8229e-004 |
| tblVehicleEF | LDA | 0.09 | 0.12 |
| tblVehicleEF | LDA | 0.15 | 0.14 |
| tblVehicleEF | LDA | 0.07 | 0.10 |
| tblVehicleEF | LDA | 0.03 | 0.03 |
| tblVehicleEF | LDA | 0.05 | 0.24 |
| tblVehicleEF | LDA | 0.12 | 0.32 |
| tblVehicleEF | LDA | 7.1500e-003 | 4.9639e-003 |

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|---|---|---|---|
| tblVehicleEF | LDA | 9.4290e-003 | 0.07 |
| tblVehicleEF | LDA | 0.82 | 0.99 |
| tblVehicleEF | LDA | 1.77 | 2.43 |
| tblVehicleEF | LDA | 302.95 | 292.47 |
| tblVehicleEF | LDA | 64.95 | 59.64 |
| tblVehicleEF | LDA | 0.07 | 0.07 |
| tblVehicleEF | LDA | 0.12 | 0.24 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 2.1480e-003 | 1.9572e-003 |
| tblVehicleEF | LDA | 2.3680e-003 | 2.1223e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 1.9830e-003 | 1.8043e-003 |
| tblVehicleEF | LDA | 2.1790e-003 | 1.9524e-003 |
| tblVehicleEF | LDA | 0.06 | 0.07 |
| tblVehicleEF | LDA | 0.15 | 0.15 |
| tblVehicleEF | LDA | 0.05 | 0.06 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.05 | 0.29 |
| tblVehicleEF | LDA | 0.13 | 0.34 |
| tblVehicleEF | LDA | 3.0360e-003 | 2.8935e-003 |
| tblVehicleEF | LDA | 6.8000e-004 | 5.9019e-004 |
| tblVehicleEF | LDA | 0.06 | 0.07 |
| tblVehicleEF | LDA | 0.15 | 0.15 |
| tblVehicleEF | LDA | 0.05 | 0.06 |
| tblVehicleEF | LDA | 0.03 | 0.03 |
| tblVehicleEF | LDA | 0.05 | 0.29 |
| tblVehicleEF | LDA | 0.14 | 0.37 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |

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|---|---|---|---|
| tblVehicleEF | LDT1 | 0.02 | 0.10 |
| tblVehicleEF | LDT1 | 2.23 | 2.30 |
| tblVehicleEF | LDT1 | 4.22 | 2.66 |
| tblVehicleEF | LDT1 | 366.68 | 349.65 |
| tblVehicleEF | LDT1 | 76.41 | 71.10 |
| tblVehicleEF | LDT1 | 0.21 | 0.21 |
| tblVehicleEF | LDT1 | 0.25 | 0.37 |
| tblVehicleEF | LDT1 | 3.8900e-003 | 3.4440e-003 |
| tblVehicleEF | LDT1 | 4.1360e-003 | 3.4350e-003 |
| tblVehicleEF | LDT1 | 3.5850e-003 | 3.1720e-003 |
| tblVehicleEF | LDT1 | 3.8060e-003 | 3.1600e-003 |
| tblVehicleEF | LDT1 | 0.18 | 0.20 |
| tblVehicleEF | LDT1 | 0.35 | 0.29 |
| tblVehicleEF | LDT1 | 0.13 | 0.15 |
| tblVehicleEF | LDT1 | 0.06 | 0.06 |
| tblVehicleEF | LDT1 | 0.22 | 1.00 |
| tblVehicleEF | LDT1 | 0.31 | 0.56 |
| tblVehicleEF | LDT1 | 3.6970e-003 | 3.4600e-003 |
| tblVehicleEF | LDT1 | 8.3900e-004 | 7.0400e-004 |
| tblVehicleEF | LDT1 | 0.18 | 0.20 |
| tblVehicleEF | LDT1 | 0.35 | 0.29 |
| tblVehicleEF | LDT1 | 0.13 | 0.15 |
| tblVehicleEF | LDT1 | 0.08 | 0.09 |
| tblVehicleEF | LDT1 | 0.22 | 1.00 |
| tblVehicleEF | LDT1 | 0.34 | 0.61 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |
| tblVehicleEF | LDT1 | 0.02 | 0.09 |
| tblVehicleEF | LDT1 | 2.44 | 2.53 |
| tblVehicleEF | LDT1 | 3.60 | 2.27 |
| tblVehicleEF | LDT1 | 384.83 | 365.37 |

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|---|---|---|---|
| tblVehicleEF | LDT1 | 76.41 | 70.25 |
| tblVehicleEF | LDT1 | 0.19 | 0.18 |
| tblVehicleEF | LDT1 | 0.23 | 0.34 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.8900e-003 | 3.4442e-003 |
| tblVehicleEF | LDT1 | 4.1360e-003 | 3.4353e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 3.5850e-003 | 3.1720e-003 |
| tblVehicleEF | LDT1 | 3.8060e-003 | 3.1604e-003 |
| tblVehicleEF | LDT1 | 0.29 | 0.33 |
| tblVehicleEF | LDT1 | 0.38 | 0.32 |
| tblVehicleEF | LDT1 | 0.21 | 0.23 |
| tblVehicleEF | LDT1 | 0.06 | 0.07 |
| tblVehicleEF | LDT1 | 0.20 | 0.94 |
| tblVehicleEF | LDT1 | 0.27 | 0.49 |
| tblVehicleEF | LDT1 | 3.8820e-003 | 3.6155e-003 |
| tblVehicleEF | LDT1 | 8.2800e-004 | 6.9522e-004 |
| tblVehicleEF | LDT1 | 0.29 | 0.33 |
| tblVehicleEF | LDT1 | 0.38 | 0.32 |
| tblVehicleEF | LDT1 | 0.21 | 0.23 |
| tblVehicleEF | LDT1 | 0.08 | 0.09 |
| tblVehicleEF | LDT1 | 0.20 | 0.94 |
| tblVehicleEF | LDT1 | 0.30 | 0.54 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |
| tblVehicleEF | LDT1 | 0.02 | 0.11 |
| tblVehicleEF | LDT1 | 2.16 | 2.22 |
| tblVehicleEF | LDT1 | 4.34 | 2.75 |
| tblVehicleEF | LDT1 | 360.66 | 344.38 |

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|---|---|---|---|
| tblVehicleEF | LDT1 | 76.41 | 71.27 |
| tblVehicleEF | LDT1 | 0.21 | 0.20 |
| tblVehicleEF | LDT1 | 0.25 | 0.37 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.8900e-003 | 3.4442e-003 |
| tblVehicleEF | LDT1 | 4.1360e-003 | 3.4353e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 3.5850e-003 | 3.1720e-003 |
| tblVehicleEF | LDT1 | 3.8060e-003 | 3.1604e-003 |
| tblVehicleEF | LDT1 | 0.17 | 0.20 |
| tblVehicleEF | LDT1 | 0.40 | 0.33 |
| tblVehicleEF | LDT1 | 0.13 | 0.14 |
| tblVehicleEF | LDT1 | 0.05 | 0.06 |
| tblVehicleEF | LDT1 | 0.26 | 1.18 |
| tblVehicleEF | LDT1 | 0.32 | 0.57 |
| tblVehicleEF | LDT1 | 3.6360e-003 | 3.4078e-003 |
| tblVehicleEF | LDT1 | 8.4100e-004 | 7.0528e-004 |
| tblVehicleEF | LDT1 | 0.17 | 0.20 |
| tblVehicleEF | LDT1 | 0.40 | 0.33 |
| tblVehicleEF | LDT1 | 0.13 | 0.14 |
| tblVehicleEF | LDT1 | 0.08 | 0.09 |
| tblVehicleEF | LDT1 | 0.26 | 1.18 |
| tblVehicleEF | LDT1 | 0.35 | 0.63 |
| tblVehicleEF | LDT2 | 9.7170e-003 | 7.7360e-003 |
| tblVehicleEF | LDT2 | 0.01 | 0.09 |
| tblVehicleEF | LDT2 | 1.12 | 1.47 |
| tblVehicleEF | LDT2 | 2.16 | 3.09 |
| tblVehicleEF | LDT2 | 419.10 | 387.91 |

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|---|---|---|---|
| tblVehicleEF | LDT2 | 88.11 | 79.13 |
| tblVehicleEF | LDT2 | 0.12 | 0.15 |
| tblVehicleEF | LDT2 | 0.20 | 0.42 |
| tblVehicleEF | LDT2 | 1.9820e-003 | 2.0310e-003 |
| tblVehicleEF | LDT2 | 2.2910e-003 | 2.1190e-003 |
| tblVehicleEF | LDT2 | 1.8240e-003 | 1.8700e-003 |
| tblVehicleEF | LDT2 | 2.1080e-003 | 1.9500e-003 |
| tblVehicleEF | LDT2 | 0.06 | 0.09 |
| tblVehicleEF | LDT2 | 0.14 | 0.16 |
| tblVehicleEF | LDT2 | 0.06 | 0.09 |
| tblVehicleEF | LDT2 | 0.03 | 0.03 |
| tblVehicleEF | LDT2 | 0.07 | 0.49 |
| tblVehicleEF | LDT2 | 0.15 | 0.45 |
| tblVehicleEF | LDT2 | 4.2020e-003 | 3.8380e-003 |
| tblVehicleEF | LDT2 | 9.1800e-004 | 7.8300e-004 |
| tblVehicleEF | LDT2 | 0.06 | 0.09 |
| tblVehicleEF | LDT2 | 0.14 | 0.16 |
| tblVehicleEF | LDT2 | 0.06 | 0.09 |
| tblVehicleEF | LDT2 | 0.04 | 0.05 |
| tblVehicleEF | LDT2 | 0.07 | 0.49 |
| tblVehicleEF | LDT2 | 0.16 | 0.49 |
| tblVehicleEF | LDT2 | 0.01 | 8.2578e-003 |
| tblVehicleEF | LDT2 | 9.8690e-003 | 0.08 |
| tblVehicleEF | LDT2 | 1.24 | 1.63 |
| tblVehicleEF | LDT2 | 1.86 | 2.65 |
| tblVehicleEF | LDT2 | 440.61 | 403.95 |
| tblVehicleEF | LDT2 | 88.11 | 78.25 |
| tblVehicleEF | LDT2 | 0.11 | 0.13 |
| tblVehicleEF | LDT2 | 0.19 | 0.39 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |

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|---|---|---|---|
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT2 | 1.9820e-003 | 2.0313e-003 |
| tblVehicleEF | LDT2 | 2.2910e-003 | 2.1194e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.8240e-003 | 1.8705e-003 |
| tblVehicleEF | LDT2 | 2.1080e-003 | 1.9499e-003 |
| tblVehicleEF | LDT2 | 0.10 | 0.15 |
| tblVehicleEF | LDT2 | 0.15 | 0.17 |
| tblVehicleEF | LDT2 | 0.09 | 0.13 |
| tblVehicleEF | LDT2 | 0.03 | 0.04 |
| tblVehicleEF | LDT2 | 0.07 | 0.46 |
| tblVehicleEF | LDT2 | 0.13 | 0.40 |
| tblVehicleEF | LDT2 | 4.4190e-003 | 3.9968e-003 |
| tblVehicleEF | LDT2 | 9.1300e-004 | 7.7439e-004 |
| tblVehicleEF | LDT2 | 0.10 | 0.15 |
| tblVehicleEF | LDT2 | 0.15 | 0.17 |
| tblVehicleEF | LDT2 | 0.09 | 0.13 |
| tblVehicleEF | LDT2 | 0.04 | 0.05 |
| tblVehicleEF | LDT2 | 0.07 | 0.46 |
| tblVehicleEF | LDT2 | 0.15 | 0.43 |
| tblVehicleEF | LDT2 | 9.5180e-003 | 7.5799e-003 |
| tblVehicleEF | LDT2 | 0.01 | 0.09 |
| tblVehicleEF | LDT2 | 1.08 | 1.42 |
| tblVehicleEF | LDT2 | 2.23 | 3.19 |
| tblVehicleEF | LDT2 | 411.95 | 382.52 |
| tblVehicleEF | LDT2 | 88.11 | 79.32 |
| tblVehicleEF | LDT2 | 0.12 | 0.14 |
| tblVehicleEF | LDT2 | 0.20 | 0.42 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |

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|---|---|---|---|
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT2 | 1.9820e-003 | 2.0313e-003 |
| tblVehicleEF | LDT2 | 2.2910e-003 | 2.1194e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.8240e-003 | 1.8705e-003 |
| tblVehicleEF | LDT2 | 2.1080e-003 | 1.9499e-003 |
| tblVehicleEF | LDT2 | 0.06 | 0.09 |
| tblVehicleEF | LDT2 | 0.16 | 0.17 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.03 | 0.03 |
| tblVehicleEF | LDT2 | 0.09 | 0.57 |
| tblVehicleEF | LDT2 | 0.15 | 0.46 |
| tblVehicleEF | LDT2 | 4.1300e-003 | 3.7847e-003 |
| tblVehicleEF | LDT2 | 9.2000e-004 | 7.8490e-004 |
| tblVehicleEF | LDT2 | 0.06 | 0.09 |
| tblVehicleEF | LDT2 | 0.16 | 0.17 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.04 | 0.05 |
| tblVehicleEF | LDT2 | 0.09 | 0.57 |
| tblVehicleEF | LDT2 | 0.17 | 0.50 |
| tblVehicleEF | LHD1 | 6.6430e-003 | 6.2220e-003 |
| tblVehicleEF | LHD1 | 0.02 | 8.7440e-003 |
| tblVehicleEF | LHD1 | 0.03 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |
| tblVehicleEF | LHD1 | 1.26 | 1.08 |
| tblVehicleEF | LHD1 | 3.47 | 1.33 |
| tblVehicleEF | LHD1 | 8.96 | 9.15 |
| tblVehicleEF | LHD1 | 636.87 | 710.85 |
| tblVehicleEF | LHD1 | 36.78 | 13.69 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 1.64 | 1.26 |
| tblVehicleEF | LHD1 | 1.18 | 0.40 |
| tblVehicleEF | LHD1 | 7.9000e-004 | 6.7800e-004 |
| tblVehicleEF | LHD1 | 9.7770e-003 | 9.4640e-003 |
| tblVehicleEF | LHD1 | 0.01 | 8.7950e-003 |
| tblVehicleEF | LHD1 | 1.3130e-003 | 3.7700e-004 |
| tblVehicleEF | LHD1 | 7.5600e-004 | 6.4800e-004 |
| tblVehicleEF | LHD1 | 2.4440e-003 | 2.3660e-003 |
| tblVehicleEF | LHD1 | 0.01 | 8.3810e-003 |
| tblVehicleEF | LHD1 | 1.2110e-003 | 3.4800e-004 |
| tblVehicleEF | LHD1 | 3.6880e-003 | 3.3600e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.10 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 2.0480e-003 | 1.8630e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.07 |
| tblVehicleEF | LHD1 | 0.32 | 0.67 |
| tblVehicleEF | LHD1 | 0.35 | 0.11 |
| tblVehicleEF | LHD1 | 9.1000e-005 | 8.9000e-005 |
| tblVehicleEF | LHD1 | 6.2770e-003 | 6.9540e-003 |
| tblVehicleEF | LHD1 | 4.3300e-004 | 1.3600e-004 |
| tblVehicleEF | LHD1 | 3.6880e-003 | 3.3600e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.10 |
| tblVehicleEF | LHD1 | 0.03 | 0.04 |
| tblVehicleEF | LHD1 | 2.0480e-003 | 1.8630e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.09 |
| tblVehicleEF | LHD1 | 0.32 | 0.67 |
| tblVehicleEF | LHD1 | 0.38 | 0.12 |
| tblVehicleEF | LHD1 | 6.6430e-003 | 6.2358e-003 |
| tblVehicleEF | LHD1 | 0.02 | 8.8834e-003 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 0.03 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |
| tblVehicleEF | LHD1 | 1.27 | 1.10 |
| tblVehicleEF | LHD1 | 3.31 | 1.27 |
| tblVehicleEF | LHD1 | 8.96 | 9.15 |
| tblVehicleEF | LHD1 | 636.87 | 710.87 |
| tblVehicleEF | LHD1 | 36.78 | 13.58 |
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 1.53 | 1.18 |
| tblVehicleEF | LHD1 | 1.13 | 0.38 |
| tblVehicleEF | LHD1 | 7.9000e-004 | 6.7751e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 9.7770e-003 | 9.4635e-003 |
| tblVehicleEF | LHD1 | 0.01 | 8.7947e-003 |
| tblVehicleEF | LHD1 | 1.3130e-003 | 3.7701e-004 |
| tblVehicleEF | LHD1 | 7.5600e-004 | 6.4820e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.4440e-003 | 2.3659e-003 |
| tblVehicleEF | LHD1 | 0.01 | 8.3811e-003 |
| tblVehicleEF | LHD1 | 1.2110e-003 | 3.4821e-004 |
| tblVehicleEF | LHD1 | 5.7820e-003 | 5.2411e-003 |
| tblVehicleEF | LHD1 | 0.12 | 0.11 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 3.1500e-003 | 2.8536e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.07 |
| tblVehicleEF | LHD1 | 0.32 | 0.66 |
| tblVehicleEF | LHD1 | 0.34 | 0.11 |
| tblVehicleEF | LHD1 | 9.1000e-005 | 8.9092e-005 |
| tblVehicleEF | LHD1 | 6.2770e-003 | 6.9542e-003 |
| tblVehicleEF | LHD1 | 4.3000e-004 | 1.3443e-004 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 5.7820e-003 | 5.2411e-003 |
| tblVehicleEF | LHD1 | 0.12 | 0.11 |
| tblVehicleEF | LHD1 | 0.03 | 0.04 |
| tblVehicleEF | LHD1 | 3.1500e-003 | 2.8536e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.09 |
| tblVehicleEF | LHD1 | 0.32 | 0.66 |
| tblVehicleEF | LHD1 | 0.37 | 0.12 |
| tblVehicleEF | LHD1 | 6.6430e-003 | 6.2201e-003 |
| tblVehicleEF | LHD1 | 0.02 | 8.7109e-003 |
| tblVehicleEF | LHD1 | 0.03 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |
| tblVehicleEF | LHD1 | 1.25 | 1.08 |
| tblVehicleEF | LHD1 | 3.48 | 1.34 |
| tblVehicleEF | LHD1 | 8.96 | 9.15 |
| tblVehicleEF | LHD1 | 636.87 | 710.84 |
| tblVehicleEF | LHD1 | 36.78 | 13.71 |
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 1.61 | 1.24 |
| tblVehicleEF | LHD1 | 1.19 | 0.40 |
| tblVehicleEF | LHD1 | 7.9000e-004 | 6.7751e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 9.7770e-003 | 9.4635e-003 |
| tblVehicleEF | LHD1 | 0.01 | 8.7947e-003 |
| tblVehicleEF | LHD1 | 1.3130e-003 | 3.7701e-004 |
| tblVehicleEF | LHD1 | 7.5600e-004 | 6.4820e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.4440e-003 | 2.3659e-003 |
| tblVehicleEF | LHD1 | 0.01 | 8.3811e-003 |
| tblVehicleEF | LHD1 | 1.2110e-003 | 3.4821e-004 |
| tblVehicleEF | LHD1 | 3.8480e-003 | 3.5257e-003 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 0.13 | 0.12 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 2.0290e-003 | 1.8505e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.07 |
| tblVehicleEF | LHD1 | 0.35 | 0.73 |
| tblVehicleEF | LHD1 | 0.35 | 0.11 |
| tblVehicleEF | LHD1 | 9.1000e-005 | 8.9092e-005 |
| tblVehicleEF | LHD1 | 6.2770e-003 | 6.9539e-003 |
| tblVehicleEF | LHD1 | 4.3300e-004 | 1.3566e-004 |
| tblVehicleEF | LHD1 | 3.8480e-003 | 3.5257e-003 |
| tblVehicleEF | LHD1 | 0.13 | 0.12 |
| tblVehicleEF | LHD1 | 0.03 | 0.04 |
| tblVehicleEF | LHD1 | 2.0290e-003 | 1.8505e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.09 |
| tblVehicleEF | LHD1 | 0.35 | 0.73 |
| tblVehicleEF | LHD1 | 0.39 | 0.12 |
| tblVehicleEF | LHD2 | 4.9920e-003 | 4.5360e-003 |
| tblVehicleEF | LHD2 | 7.6680e-003 | 6.0320e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.02 |
| tblVehicleEF | LHD2 | 0.14 | 0.16 |
| tblVehicleEF | LHD2 | 0.62 | 0.73 |
| tblVehicleEF | LHD2 | 1.92 | 0.93 |
| tblVehicleEF | LHD2 | 13.67 | 13.75 |
| tblVehicleEF | LHD2 | 650.31 | 718.07 |
| tblVehicleEF | LHD2 | 31.10 | 10.84 |
| tblVehicleEF | LHD2 | 0.11 | 0.10 |
| tblVehicleEF | LHD2 | 1.43 | 1.61 |
| tblVehicleEF | LHD2 | 0.75 | 0.28 |
| tblVehicleEF | LHD2 | 1.1850e-003 | 1.1560e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 6.3900e-004 | 2.0000e-004 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.1060e-003 |
| tblVehicleEF | LHD2 | 2.6120e-003 | 2.5850e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 5.8800e-004 | 1.8400e-004 |
| tblVehicleEF | LHD2 | 1.7560e-003 | 2.0980e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 1.0020e-003 | 1.1640e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.13 | 0.45 |
| tblVehicleEF | LHD2 | 0.19 | 0.07 |
| tblVehicleEF | LHD2 | 1.3400e-004 | 1.3200e-004 |
| tblVehicleEF | LHD2 | 6.3510e-003 | 6.9640e-003 |
| tblVehicleEF | LHD2 | 3.4700e-004 | 1.0700e-004 |
| tblVehicleEF | LHD2 | 1.7560e-003 | 2.0980e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 1.0020e-003 | 1.1640e-003 |
| tblVehicleEF | LHD2 | 0.08 | 0.08 |
| tblVehicleEF | LHD2 | 0.13 | 0.45 |
| tblVehicleEF | LHD2 | 0.21 | 0.08 |
| tblVehicleEF | LHD2 | 4.9920e-003 | 4.5461e-003 |
| tblVehicleEF | LHD2 | 7.7880e-003 | 6.1111e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 0.14 | 0.16 |
| tblVehicleEF | LHD2 | 0.63 | 0.73 |
| tblVehicleEF | LHD2 | 1.83 | 0.89 |
| tblVehicleEF | LHD2 | 13.67 | 13.75 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 650.31 | 718.08 |
| tblVehicleEF | LHD2 | 31.10 | 10.76 |
| tblVehicleEF | LHD2 | 0.11 | 0.10 |
| tblVehicleEF | LHD2 | 1.35 | 1.52 |
| tblVehicleEF | LHD2 | 0.72 | 0.27 |
| tblVehicleEF | LHD2 | 1.1850e-003 | 1.1558e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 6.3900e-004 | 1.9968e-004 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.1058e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6120e-003 | 2.5846e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 5.8800e-004 | 1.8363e-004 |
| tblVehicleEF | LHD2 | 2.7400e-003 | 3.2581e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 1.5260e-003 | 1.7692e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.13 | 0.44 |
| tblVehicleEF | LHD2 | 0.18 | 0.07 |
| tblVehicleEF | LHD2 | 1.3400e-004 | 1.3209e-004 |
| tblVehicleEF | LHD2 | 6.3510e-003 | 6.9644e-003 |
| tblVehicleEF | LHD2 | 3.4500e-004 | 1.0651e-004 |
| tblVehicleEF | LHD2 | 2.7400e-003 | 3.2581e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 1.5260e-003 | 1.7692e-003 |
| tblVehicleEF | LHD2 | 0.08 | 0.08 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 0.13 | 0.44 |
| tblVehicleEF | LHD2 | 0.20 | 0.08 |
| tblVehicleEF | LHD2 | 4.9920e-003 | 4.5345e-003 |
| tblVehicleEF | LHD2 | 7.6380e-003 | 6.0133e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.02 |
| tblVehicleEF | LHD2 | 0.14 | 0.16 |
| tblVehicleEF | LHD2 | 0.62 | 0.72 |
| tblVehicleEF | LHD2 | 1.93 | 0.94 |
| tblVehicleEF | LHD2 | 13.67 | 13.75 |
| tblVehicleEF | LHD2 | 650.31 | 718.06 |
| tblVehicleEF | LHD2 | 31.10 | 10.85 |
| tblVehicleEF | LHD2 | 0.11 | 0.10 |
| tblVehicleEF | LHD2 | 1.41 | 1.58 |
| tblVehicleEF | LHD2 | 0.75 | 0.28 |
| tblVehicleEF | LHD2 | 1.1850e-003 | 1.1558e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 6.3900e-004 | 1.9968e-004 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.1058e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6120e-003 | 2.5846e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 5.8800e-004 | 1.8363e-004 |
| tblVehicleEF | LHD2 | 1.7930e-003 | 2.1604e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.08 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 9.7600e-004 | 1.1325e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.14 | 0.49 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 0.19 | 0.08 |
| tblVehicleEF | LHD2 | 1.3400e-004 | 1.3209e-004 |
| tblVehicleEF | LHD2 | 6.3510e-003 | 6.9642e-003 |
| tblVehicleEF | LHD2 | 3.4700e-004 | 1.0738e-004 |
| tblVehicleEF | LHD2 | 1.7930e-003 | 2.1604e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.08 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 9.7600e-004 | 1.1325e-003 |
| tblVehicleEF | LHD2 | 0.08 | 0.08 |
| tblVehicleEF | LHD2 | 0.14 | 0.49 |
| tblVehicleEF | LHD2 | 0.21 | 0.08 |
| tblVehicleEF | MCY | 0.49 | 0.37 |
| tblVehicleEF | MCY | 0.15 | 0.24 |
| tblVehicleEF | MCY | 20.28 | 20.67 |
| tblVehicleEF | MCY | 9.57 | 8.42 |
| tblVehicleEF | MCY | 180.13 | 218.71 |
| tblVehicleEF | MCY | 46.67 | 61.44 |
| tblVehicleEF | MCY | 1.13 | 1.14 |
| tblVehicleEF | MCY | 0.31 | 0.26 |
| tblVehicleEF | MCY | 2.0030e-003 | 1.9860e-003 |
| tblVehicleEF | MCY | 4.1990e-003 | 3.5510e-003 |
| tblVehicleEF | MCY | 1.8780e-003 | 1.8640e-003 |
| tblVehicleEF | MCY | 3.9730e-003 | 3.3600e-003 |
| tblVehicleEF | MCY | 1.20 | 1.22 |
| tblVehicleEF | MCY | 0.73 | 0.76 |
| tblVehicleEF | MCY | 0.72 | 0.74 |
| tblVehicleEF | MCY | 2.56 | 2.58 |
| tblVehicleEF | MCY | 0.69 | 2.35 |
| tblVehicleEF | MCY | 2.11 | 1.87 |
| tblVehicleEF | MCY | 2.2080e-003 | 2.1640e-003 |

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|---|---|---|---|
| tblVehicleEF | MCY | 6.8500e-004 | 6.0800e-004 |
| tblVehicleEF | MCY | 1.20 | 1.22 |
| tblVehicleEF | MCY | 0.73 | 0.76 |
| tblVehicleEF | MCY | 0.72 | 0.74 |
| tblVehicleEF | MCY | 3.13 | 3.15 |
| tblVehicleEF | MCY | 0.69 | 2.35 |
| tblVehicleEF | MCY | 2.30 | 2.03 |
| tblVehicleEF | MCY | 0.47 | 0.36 |
| tblVehicleEF | MCY | 0.14 | 0.22 |
| tblVehicleEF | MCY | 19.72 | 20.07 |
| tblVehicleEF | MCY | 8.85 | 7.75 |
| tblVehicleEF | MCY | 180.13 | 217.51 |
| tblVehicleEF | MCY | 46.67 | 59.66 |
| tblVehicleEF | MCY | 0.99 | 0.99 |
| tblVehicleEF | MCY | 0.29 | 0.25 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |
| tblVehicleEF | MCY | 2.0030e-003 | 1.9864e-003 |
| tblVehicleEF | MCY | 4.1990e-003 | 3.5506e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 1.8780e-003 | 1.8638e-003 |
| tblVehicleEF | MCY | 3.9730e-003 | 3.3596e-003 |
| tblVehicleEF | MCY | 2.01 | 2.04 |
| tblVehicleEF | MCY | 0.84 | 0.88 |
| tblVehicleEF | MCY | 1.29 | 1.31 |
| tblVehicleEF | MCY | 2.49 | 2.51 |
| tblVehicleEF | MCY | 0.65 | 2.23 |
| tblVehicleEF | MCY | 1.88 | 1.65 |
| tblVehicleEF | MCY | 2.1970e-003 | 2.1525e-003 |

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|---|---|---|---|
| tblVehicleEF | MCY | 6.6600e-004 | 5.9038e-004 |
| tblVehicleEF | MCY | 2.01 | 2.04 |
| tblVehicleEF | MCY | 0.84 | 0.88 |
| tblVehicleEF | MCY | 1.29 | 1.31 |
| tblVehicleEF | MCY | 3.06 | 3.06 |
| tblVehicleEF | MCY | 0.65 | 2.23 |
| tblVehicleEF | MCY | 2.04 | 1.79 |
| tblVehicleEF | MCY | 0.49 | 0.37 |
| tblVehicleEF | MCY | 0.16 | 0.25 |
| tblVehicleEF | MCY | 20.29 | 20.69 |
| tblVehicleEF | MCY | 9.65 | 8.49 |
| tblVehicleEF | MCY | 180.13 | 218.77 |
| tblVehicleEF | MCY | 46.67 | 61.66 |
| tblVehicleEF | MCY | 1.11 | 1.11 |
| tblVehicleEF | MCY | 0.31 | 0.26 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |
| tblVehicleEF | MCY | 2.0030e-003 | 1.9864e-003 |
| tblVehicleEF | MCY | 4.1990e-003 | 3.5506e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 1.8780e-003 | 1.8638e-003 |
| tblVehicleEF | MCY | 3.9730e-003 | 3.3596e-003 |
| tblVehicleEF | MCY | 1.28 | 1.31 |
| tblVehicleEF | MCY | 0.95 | 0.98 |
| tblVehicleEF | MCY | 0.69 | 0.71 |
| tblVehicleEF | MCY | 2.57 | 2.59 |
| tblVehicleEF | MCY | 0.78 | 2.67 |
| tblVehicleEF | MCY | 2.14 | 1.90 |
| tblVehicleEF | MCY | 2.2090e-003 | 2.1649e-003 |

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|---|---|---|---|
| tblVehicleEF | MCY | 6.8800e-004 | 6.1022e-004 |
| tblVehicleEF | MCY | 1.28 | 1.31 |
| tblVehicleEF | MCY | 0.95 | 0.98 |
| tblVehicleEF | MCY | 0.69 | 0.71 |
| tblVehicleEF | MCY | 3.15 | 3.16 |
| tblVehicleEF | MCY | 0.78 | 2.67 |
| tblVehicleEF | MCY | 2.33 | 2.07 |
| tblVehicleEF | MDV | 0.02 | 0.01 |
| tblVehicleEF | MDV | 0.02 | 0.11 |
| tblVehicleEF | MDV | 1.97 | 1.81 |
| tblVehicleEF | MDV | 3.78 | 3.78 |
| tblVehicleEF | MDV | 555.92 | 469.68 |
| tblVehicleEF | MDV | 115.27 | 95.76 |
| tblVehicleEF | MDV | 0.23 | 0.19 |
| tblVehicleEF | MDV | 0.37 | 0.50 |
| tblVehicleEF | MDV | 2.2560e-003 | 2.2140e-003 |
| tblVehicleEF | MDV | 2.6380e-003 | 2.3670e-003 |
| tblVehicleEF | MDV | 2.0840e-003 | 2.0440e-003 |
| tblVehicleEF | MDV | 2.4310e-003 | 2.1800e-003 |
| tblVehicleEF | MDV | 0.08 | 0.11 |
| tblVehicleEF | MDV | 0.19 | 0.17 |
| tblVehicleEF | MDV | 0.08 | 0.10 |
| tblVehicleEF | MDV | 0.06 | 0.05 |
| tblVehicleEF | MDV | 0.10 | 0.51 |
| tblVehicleEF | MDV | 0.31 | 0.58 |
| tblVehicleEF | MDV | 5.5790e-003 | 4.6450e-003 |
| tblVehicleEF | MDV | 1.2200e-003 | 9.4800e-004 |
| tblVehicleEF | MDV | 0.08 | 0.11 |
| tblVehicleEF | MDV | 0.19 | 0.17 |
| tblVehicleEF | MDV | 0.08 | 0.10 |

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|---|---|---|---|
| tblVehicleEF | MDV | 0.08 | 0.07 |
| tblVehicleEF | MDV | 0.10 | 0.51 |
| tblVehicleEF | MDV | 0.34 | 0.64 |
| tblVehicleEF | MDV | 0.02 | 0.01 |
| tblVehicleEF | MDV | 0.02 | 0.10 |
| tblVehicleEF | MDV | 2.16 | 1.99 |
| tblVehicleEF | MDV | 3.26 | 3.24 |
| tblVehicleEF | MDV | 584.46 | 487.25 |
| tblVehicleEF | MDV | 115.27 | 94.68 |
| tblVehicleEF | MDV | 0.20 | 0.17 |
| tblVehicleEF | MDV | 0.34 | 0.47 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.2560e-003 | 2.2139e-003 |
| tblVehicleEF | MDV | 2.6380e-003 | 2.3668e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 2.0840e-003 | 2.0439e-003 |
| tblVehicleEF | MDV | 2.4310e-003 | 2.1801e-003 |
| tblVehicleEF | MDV | 0.14 | 0.17 |
| tblVehicleEF | MDV | 0.20 | 0.18 |
| tblVehicleEF | MDV | 0.12 | 0.15 |
| tblVehicleEF | MDV | 0.06 | 0.05 |
| tblVehicleEF | MDV | 0.10 | 0.48 |
| tblVehicleEF | MDV | 0.27 | 0.51 |
| tblVehicleEF | MDV | 5.8670e-003 | 4.8188e-003 |
| tblVehicleEF | MDV | 1.2110e-003 | 9.3691e-004 |
| tblVehicleEF | MDV | 0.14 | 0.17 |
| tblVehicleEF | MDV | 0.20 | 0.18 |
| tblVehicleEF | MDV | 0.12 | 0.15 |

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|---|---|---|---|
| tblVehicleEF | MDV | 0.08 | 0.07 |
| tblVehicleEF | MDV | 0.10 | 0.48 |
| tblVehicleEF | MDV | 0.30 | 0.56 |
| tblVehicleEF | MDV | 0.02 | 0.01 |
| tblVehicleEF | MDV | 0.02 | 0.11 |
| tblVehicleEF | MDV | 1.90 | 1.75 |
| tblVehicleEF | MDV | 3.88 | 3.89 |
| tblVehicleEF | MDV | 546.61 | 463.94 |
| tblVehicleEF | MDV | 115.27 | 95.98 |
| tblVehicleEF | MDV | 0.22 | 0.19 |
| tblVehicleEF | MDV | 0.37 | 0.51 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.2560e-003 | 2.2139e-003 |
| tblVehicleEF | MDV | 2.6380e-003 | 2.3668e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 2.0840e-003 | 2.0439e-003 |
| tblVehicleEF | MDV | 2.4310e-003 | 2.1801e-003 |
| tblVehicleEF | MDV | 0.08 | 0.10 |
| tblVehicleEF | MDV | 0.20 | 0.19 |
| tblVehicleEF | MDV | 0.07 | 0.10 |
| tblVehicleEF | MDV | 0.06 | 0.05 |
| tblVehicleEF | MDV | 0.12 | 0.59 |
| tblVehicleEF | MDV | 0.32 | 0.59 |
| tblVehicleEF | MDV | 5.4850e-003 | 4.5881e-003 |
| tblVehicleEF | MDV | 1.2220e-003 | 9.4978e-004 |
| tblVehicleEF | MDV | 0.08 | 0.10 |
| tblVehicleEF | MDV | 0.20 | 0.19 |
| tblVehicleEF | MDV | 0.07 | 0.10 |

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|---|---|---|---|
| tblVehicleEF | MDV | 0.08 | 0.07 |
| tblVehicleEF | MDV | 0.12 | 0.59 |
| tblVehicleEF | MDV | 0.35 | 0.65 |
| tblVehicleEF | MH | 0.05 | 0.02 |
| tblVehicleEF | MH | 0.04 | 0.03 |
| tblVehicleEF | MH | 4.65 | 2.63 |
| tblVehicleEF | MH | 7.97 | 2.52 |
| tblVehicleEF | MH | 1,121.37 | 1,556.29 |
| tblVehicleEF | MH | 65.88 | 21.21 |
| tblVehicleEF | MH | 1.61 | 1.56 |
| tblVehicleEF | MH | 0.96 | 0.24 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 2.0350e-003 | 4.0100e-004 |
| tblVehicleEF | MH | 3.2110e-003 | 3.2460e-003 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 1.8970e-003 | 3.7100e-004 |
| tblVehicleEF | MH | 1.46 | 1.31 |
| tblVehicleEF | MH | 0.09 | 0.08 |
| tblVehicleEF | MH | 0.56 | 0.50 |
| tblVehicleEF | MH | 0.17 | 0.10 |
| tblVehicleEF | MH | 0.02 | 1.96 |
| tblVehicleEF | MH | 0.51 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 8.0000e-004 | 2.1000e-004 |
| tblVehicleEF | MH | 1.46 | 1.31 |
| tblVehicleEF | MH | 0.09 | 0.08 |
| tblVehicleEF | MH | 0.56 | 0.50 |
| tblVehicleEF | MH | 0.22 | 0.14 |
| tblVehicleEF | MH | 0.02 | 1.96 |

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|---|---|---|---|
| tblVehicleEF | MH | 0.56 | 0.14 |
| tblVehicleEF | MH | 0.05 | 0.02 |
| tblVehicleEF | MH | 0.04 | 0.03 |
| tblVehicleEF | MH | 4.70 | 2.68 |
| tblVehicleEF | MH | 7.54 | 2.37 |
| tblVehicleEF | MH | 1,121.37 | 1,556.37 |
| tblVehicleEF | MH | 65.88 | 20.96 |
| tblVehicleEF | MH | 1.48 | 1.45 |
| tblVehicleEF | MH | 0.92 | 0.23 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 2.0350e-003 | 4.0079e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.2110e-003 | 3.2457e-003 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 1.8970e-003 | 3.7086e-004 |
| tblVehicleEF | MH | 2.26 | 2.02 |
| tblVehicleEF | MH | 0.10 | 0.09 |
| tblVehicleEF | MH | 0.89 | 0.78 |
| tblVehicleEF | MH | 0.17 | 0.11 |
| tblVehicleEF | MH | 0.02 | 1.93 |
| tblVehicleEF | MH | 0.49 | 0.12 |
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 7.9200e-004 | 2.0744e-004 |
| tblVehicleEF | MH | 2.26 | 2.02 |
| tblVehicleEF | MH | 0.10 | 0.09 |
| tblVehicleEF | MH | 0.89 | 0.78 |
| tblVehicleEF | MH | 0.23 | 0.14 |
| tblVehicleEF | MH | 0.02 | 1.93 |

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|---|---|---|---|
| tblVehicleEF | MH | 0.54 | 0.13 |
| tblVehicleEF | MH | 0.05 | 0.02 |
| tblVehicleEF | MH | 0.04 | 0.03 |
| tblVehicleEF | MH | 4.64 | 2.62 |
| tblVehicleEF | MH | 8.02 | 2.54 |
| tblVehicleEF | MH | 1,121.37 | 1,556.27 |
| tblVehicleEF | MH | 65.88 | 21.25 |
| tblVehicleEF | MH | 1.58 | 1.54 |
| tblVehicleEF | MH | 0.97 | 0.24 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 2.0350e-003 | 4.0079e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.2110e-003 | 3.2457e-003 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 1.8970e-003 | 3.7086e-004 |
| tblVehicleEF | MH | 1.63 | 1.47 |
| tblVehicleEF | MH | 0.12 | 0.10 |
| tblVehicleEF | MH | 0.59 | 0.51 |
| tblVehicleEF | MH | 0.17 | 0.10 |
| tblVehicleEF | MH | 0.03 | 2.07 |
| tblVehicleEF | MH | 0.52 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 8.0100e-004 | 2.1030e-004 |
| tblVehicleEF | MH | 1.63 | 1.47 |
| tblVehicleEF | MH | 0.12 | 0.10 |
| tblVehicleEF | MH | 0.59 | 0.51 |
| tblVehicleEF | MH | 0.22 | 0.14 |
| tblVehicleEF | MH | 0.03 | 2.07 |

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|---|---|---|---|
| tblVehicleEF | MH | 0.56 | 0.14 |
| tblVehicleEF | MHD | 0.02 | 4.4610e-003 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 0.07 | 0.01 |
| tblVehicleEF | MHD | 0.51 | 0.39 |
| tblVehicleEF | MHD | 0.87 | 1.12 |
| tblVehicleEF | MHD | 8.54 | 1.62 |
| tblVehicleEF | MHD | 139.75 | 69.33 |
| tblVehicleEF | MHD | 1,152.78 | 1,143.60 |
| tblVehicleEF | MHD | 65.27 | 12.85 |
| tblVehicleEF | MHD | 1.16 | 0.70 |
| tblVehicleEF | MHD | 2.92 | 3.42 |
| tblVehicleEF | MHD | 10.32 | 0.83 |
| tblVehicleEF | MHD | 4.9360e-003 | 3.3290e-003 |
| tblVehicleEF | MHD | 0.08 | 0.11 |
| tblVehicleEF | MHD | 1.1300e-003 | 1.8300e-004 |
| tblVehicleEF | MHD | 4.7220e-003 | 3.1850e-003 |
| tblVehicleEF | MHD | 0.08 | 0.10 |
| tblVehicleEF | MHD | 1.0440e-003 | 1.7000e-004 |
| tblVehicleEF | MHD | 1.6400e-003 | 8.7400e-004 |
| tblVehicleEF | MHD | 0.06 | 0.03 |
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 9.4100e-004 | 5.0400e-004 |
| tblVehicleEF | MHD | 0.16 | 0.20 |
| tblVehicleEF | MHD | 0.03 | 0.16 |
| tblVehicleEF | MHD | 0.53 | 0.08 |
| tblVehicleEF | MHD | 1.3460e-003 | 6.5900e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 8.0300e-004 | 1.2700e-004 |
| tblVehicleEF | MHD | 1.6400e-003 | 8.7400e-004 |

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|---|---|---|---|
| tblVehicleEF | MHD | 0.06 | 0.03 |
| tblVehicleEF | MHD | 0.05 | 0.04 |
| tblVehicleEF | MHD | 9.4100e-004 | 5.0400e-004 |
| tblVehicleEF | MHD | 0.18 | 0.23 |
| tblVehicleEF | MHD | 0.03 | 0.16 |
| tblVehicleEF | MHD | 0.58 | 0.09 |
| tblVehicleEF | MHD | 0.02 | 4.2172e-003 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 0.07 | 0.01 |
| tblVehicleEF | MHD | 0.37 | 0.30 |
| tblVehicleEF | MHD | 0.88 | 1.13 |
| tblVehicleEF | MHD | 8.13 | 1.54 |
| tblVehicleEF | MHD | 148.02 | 71.44 |
| tblVehicleEF | MHD | 1,152.78 | 1,143.62 |
| tblVehicleEF | MHD | 65.27 | 12.71 |
| tblVehicleEF | MHD | 1.20 | 0.72 |
| tblVehicleEF | MHD | 2.75 | 3.22 |
| tblVehicleEF | MHD | 10.27 | 0.82 |
| tblVehicleEF | MHD | 4.1610e-003 | 2.8083e-003 |
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 0.08 | 0.11 |
| tblVehicleEF | MHD | 1.1300e-003 | 1.8347e-004 |
| tblVehicleEF | MHD | 3.9810e-003 | 2.6868e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 0.08 | 0.10 |
| tblVehicleEF | MHD | 1.0440e-003 | 1.6979e-004 |
| tblVehicleEF | MHD | 2.5780e-003 | 1.3667e-003 |
| tblVehicleEF | MHD | 0.06 | 0.03 |

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|---|---|---|---|
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 1.4590e-003 | 7.7842e-004 |
| tblVehicleEF | MHD | 0.16 | 0.20 |
| tblVehicleEF | MHD | 0.03 | 0.16 |
| tblVehicleEF | MHD | 0.51 | 0.08 |
| tblVehicleEF | MHD | 1.4240e-003 | 6.7896e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 7.9600e-004 | 1.2578e-004 |
| tblVehicleEF | MHD | 2.5780e-003 | 1.3667e-003 |
| tblVehicleEF | MHD | 0.06 | 0.03 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 1.4590e-003 | 7.7842e-004 |
| tblVehicleEF | MHD | 0.18 | 0.23 |
| tblVehicleEF | MHD | 0.03 | 0.16 |
| tblVehicleEF | MHD | 0.56 | 0.08 |
| tblVehicleEF | MHD | 0.02 | 4.8100e-003 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 0.07 | 0.01 |
| tblVehicleEF | MHD | 0.70 | 0.51 |
| tblVehicleEF | MHD | 0.87 | 1.12 |
| tblVehicleEF | MHD | 8.61 | 1.63 |
| tblVehicleEF | MHD | 128.32 | 66.40 |
| tblVehicleEF | MHD | 1,152.78 | 1,143.59 |
| tblVehicleEF | MHD | 65.27 | 12.87 |
| tblVehicleEF | MHD | 1.11 | 0.68 |
| tblVehicleEF | MHD | 2.86 | 3.36 |
| tblVehicleEF | MHD | 10.33 | 0.83 |
| tblVehicleEF | MHD | 6.0060e-003 | 4.0477e-003 |
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |

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|---|---|---|---|
| tblVehicleEF | MHD | 0.08 | 0.11 |
| tblVehicleEF | MHD | 1.1300e-003 | 1.8347e-004 |
| tblVehicleEF | MHD | 5.7460e-003 | 3.8726e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 0.08 | 0.10 |
| tblVehicleEF | MHD | 1.0440e-003 | 1.6979e-004 |
| tblVehicleEF | MHD | 1.6980e-003 | 9.1298e-004 |
| tblVehicleEF | MHD | 0.07 | 0.04 |
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 9.2800e-004 | 4.9829e-004 |
| tblVehicleEF | MHD | 0.16 | 0.20 |
| tblVehicleEF | MHD | 0.03 | 0.18 |
| tblVehicleEF | MHD | 0.53 | 0.08 |
| tblVehicleEF | MHD | 1.2390e-003 | 6.3094e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 8.0400e-004 | 1.2738e-004 |
| tblVehicleEF | MHD | 1.6980e-003 | 9.1298e-004 |
| tblVehicleEF | MHD | 0.07 | 0.04 |
| tblVehicleEF | MHD | 0.06 | 0.04 |
| tblVehicleEF | MHD | 9.2800e-004 | 4.9829e-004 |
| tblVehicleEF | MHD | 0.18 | 0.23 |
| tblVehicleEF | MHD | 0.03 | 0.18 |
| tblVehicleEF | MHD | 0.58 | 0.09 |
| tblVehicleEF | OBUS | 0.01 | 9.4250e-003 |
| tblVehicleEF | OBUS | 0.01 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.03 |
| tblVehicleEF | OBUS | 0.29 | 0.58 |
| tblVehicleEF | OBUS | 0.91 | 1.69 |
| tblVehicleEF | OBUS | 7.01 | 2.71 |

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|---|---|---|---|
| tblVehicleEF | OBUS | 98.58 | 92.33 |
| tblVehicleEF | OBUS | 1,267.32 | 1,504.75 |
| tblVehicleEF | OBUS | 70.96 | 21.07 |
| tblVehicleEF | OBUS | 0.64 | 0.75 |
| tblVehicleEF | OBUS | 2.32 | 3.04 |
| tblVehicleEF | OBUS | 2.56 | 0.53 |
| tblVehicleEF | OBUS | 3.7800e-004 | 4.8630e-003 |
| tblVehicleEF | OBUS | 0.01 | 0.08 |
| tblVehicleEF | OBUS | 8.4700e-004 | 2.3300e-004 |
| tblVehicleEF | OBUS | 3.6100e-004 | 4.6530e-003 |
| tblVehicleEF | OBUS | 0.01 | 0.07 |
| tblVehicleEF | OBUS | 7.8200e-004 | 2.1500e-004 |
| tblVehicleEF | OBUS | 1.7210e-003 | 2.0350e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 8.4200e-004 | 9.6700e-004 |
| tblVehicleEF | OBUS | 0.08 | 0.20 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.44 | 0.14 |
| tblVehicleEF | OBUS | 9.5300e-004 | 8.7900e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 8.3300e-004 | 2.0800e-004 |
| tblVehicleEF | OBUS | 1.7210e-003 | 2.0350e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.06 | 0.09 |
| tblVehicleEF | OBUS | 8.4200e-004 | 9.6700e-004 |
| tblVehicleEF | OBUS | 0.10 | 0.24 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.49 | 0.15 |
| tblVehicleEF | OBUS | 0.01 | 9.3861e-003 |

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|---|---|---|---|
| tblVehicleEF | OBUS | 0.01 | 0.02 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.28 | 0.53 |
| tblVehicleEF | OBUS | 0.92 | 1.71 |
| tblVehicleEF | OBUS | 6.62 | 2.56 |
| tblVehicleEF | OBUS | 103.42 | 94.06 |
| tblVehicleEF | OBUS | 1,267.32 | 1,504.79 |
| tblVehicleEF | OBUS | 70.96 | 20.81 |
| tblVehicleEF | OBUS | 0.66 | 0.76 |
| tblVehicleEF | OBUS | 2.18 | 2.85 |
| tblVehicleEF | OBUS | 2.51 | 0.51 |
| tblVehicleEF | OBUS | 3.1900e-004 | 4.1038e-003 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 0.01 | 0.08 |
| tblVehicleEF | OBUS | 8.4700e-004 | 2.3256e-004 |
| tblVehicleEF | OBUS | 3.0500e-004 | 3.9263e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 0.01 | 0.07 |
| tblVehicleEF | OBUS | 7.8200e-004 | 2.1532e-004 |
| tblVehicleEF | OBUS | 2.6270e-003 | 3.0685e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 1.2860e-003 | 1.4624e-003 |
| tblVehicleEF | OBUS | 0.08 | 0.20 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.43 | 0.13 |
| tblVehicleEF | OBUS | 9.9900e-004 | 8.9518e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |

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|---|---|---|---|
| tblVehicleEF | OBUS | 8.2600e-004 | 2.0593e-004 |
| tblVehicleEF | OBUS | 2.6270e-003 | 3.0685e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.06 | 0.09 |
| tblVehicleEF | OBUS | 1.2860e-003 | 1.4624e-003 |
| tblVehicleEF | OBUS | 0.10 | 0.24 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.47 | 0.14 |
| tblVehicleEF | OBUS | 0.01 | 9.4980e-003 |
| tblVehicleEF | OBUS | 0.01 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.03 |
| tblVehicleEF | OBUS | 0.32 | 0.65 |
| tblVehicleEF | OBUS | 0.90 | 1.69 |
| tblVehicleEF | OBUS | 7.07 | 2.73 |
| tblVehicleEF | OBUS | 91.91 | 89.95 |
| tblVehicleEF | OBUS | 1,267.32 | 1,504.74 |
| tblVehicleEF | OBUS | 70.96 | 21.12 |
| tblVehicleEF | OBUS | 0.61 | 0.73 |
| tblVehicleEF | OBUS | 2.28 | 2.99 |
| tblVehicleEF | OBUS | 2.57 | 0.53 |
| tblVehicleEF | OBUS | 4.6000e-004 | 5.9121e-003 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 0.01 | 0.08 |
| tblVehicleEF | OBUS | 8.4700e-004 | 2.3256e-004 |
| tblVehicleEF | OBUS | 4.4000e-004 | 5.6564e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 0.01 | 0.07 |
| tblVehicleEF | OBUS | 7.8200e-004 | 2.1532e-004 |

| | | | |
|---|---|---|---|
| tblVehicleEF | OBUS | 1.7890e-003 | 2.1596e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.03 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 8.3300e-004 | 9.6792e-004 |
| tblVehicleEF | OBUS | 0.08 | 0.20 |
| tblVehicleEF | OBUS | 0.05 | 0.27 |
| tblVehicleEF | OBUS | 0.45 | 0.14 |
| tblVehicleEF | OBUS | 8.8900e-004 | 8.5631e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 8.3400e-004 | 2.0896e-004 |
| tblVehicleEF | OBUS | 1.7890e-003 | 2.1596e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.03 |
| tblVehicleEF | OBUS | 0.06 | 0.09 |
| tblVehicleEF | OBUS | 8.3300e-004 | 9.6792e-004 |
| tblVehicleEF | OBUS | 0.10 | 0.24 |
| tblVehicleEF | OBUS | 0.05 | 0.27 |
| tblVehicleEF | OBUS | 0.49 | 0.15 |
| tblVehicleEF | SBUS | 0.88 | 0.06 |
| tblVehicleEF | SBUS | 0.02 | 0.01 |
| tblVehicleEF | SBUS | 0.08 | 5.9540e-003 |
| tblVehicleEF | SBUS | 7.42 | 2.43 |
| tblVehicleEF | SBUS | 1.03 | 0.98 |
| tblVehicleEF | SBUS | 8.08 | 0.85 |
| tblVehicleEF | SBUS | 1,189.21 | 353.51 |
| tblVehicleEF | SBUS | 1,126.06 | 1,158.58 |
| tblVehicleEF | SBUS | 48.51 | 4.94 |
| tblVehicleEF | SBUS | 12.14 | 3.74 |
| tblVehicleEF | SBUS | 5.83 | 6.15 |
| tblVehicleEF | SBUS | 13.45 | 0.59 |
| tblVehicleEF | SBUS | 0.02 | 6.4200e-003 |

| | | | |
|---|---|---|---|
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.04 |
| tblVehicleEF | SBUS | 6.8600e-004 | 4.3000e-005 |
| tblVehicleEF | SBUS | 0.02 | 6.1430e-003 |
| tblVehicleEF | SBUS | 2.7190e-003 | 2.6990e-003 |
| tblVehicleEF | SBUS | 0.03 | 0.04 |
| tblVehicleEF | SBUS | 6.3000e-004 | 4.0000e-005 |
| tblVehicleEF | SBUS | 4.1630e-003 | 1.1120e-003 |
| tblVehicleEF | SBUS | 0.03 | 8.8780e-003 |
| tblVehicleEF | SBUS | 0.90 | 0.29 |
| tblVehicleEF | SBUS | 1.8230e-003 | 5.0200e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.13 |
| tblVehicleEF | SBUS | 0.02 | 0.08 |
| tblVehicleEF | SBUS | 0.43 | 0.03 |
| tblVehicleEF | SBUS | 0.01 | 3.3690e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.2500e-004 | 4.9000e-005 |
| tblVehicleEF | SBUS | 4.1630e-003 | 1.1120e-003 |
| tblVehicleEF | SBUS | 0.03 | 8.8780e-003 |
| tblVehicleEF | SBUS | 1.29 | 0.41 |
| tblVehicleEF | SBUS | 1.8230e-003 | 5.0200e-004 |
| tblVehicleEF | SBUS | 0.16 | 0.16 |
| tblVehicleEF | SBUS | 0.02 | 0.08 |
| tblVehicleEF | SBUS | 0.47 | 0.04 |
| tblVehicleEF | SBUS | 0.88 | 0.06 |
| tblVehicleEF | SBUS | 0.02 | 0.01 |
| tblVehicleEF | SBUS | 0.07 | 5.2215e-003 |
| tblVehicleEF | SBUS | 7.27 | 2.38 |
| tblVehicleEF | SBUS | 1.05 | 0.99 |
| tblVehicleEF | SBUS | 6.43 | 0.68 |

| | | | |
|---|---|---|---|
| tblVehicleEF | SBUS | 1,245.65 | 364.58 |
| tblVehicleEF | SBUS | 1,126.06 | 1,158.61 |
| tblVehicleEF | SBUS | 48.51 | 4.64 |
| tblVehicleEF | SBUS | 12.53 | 3.84 |
| tblVehicleEF | SBUS | 5.49 | 5.80 |
| tblVehicleEF | SBUS | 13.41 | 0.59 |
| tblVehicleEF | SBUS | 0.01 | 5.4183e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.04 |
| tblVehicleEF | SBUS | 6.8600e-004 | 4.3378e-005 |
| tblVehicleEF | SBUS | 0.01 | 5.1839e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.7190e-003 | 2.6986e-003 |
| tblVehicleEF | SBUS | 0.03 | 0.04 |
| tblVehicleEF | SBUS | 6.3000e-004 | 3.9884e-005 |
| tblVehicleEF | SBUS | 6.3910e-003 | 1.6978e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.0877e-003 |
| tblVehicleEF | SBUS | 0.90 | 0.29 |
| tblVehicleEF | SBUS | 2.8630e-003 | 7.7801e-004 |
| tblVehicleEF | SBUS | 0.14 | 0.13 |
| tblVehicleEF | SBUS | 0.02 | 0.07 |
| tblVehicleEF | SBUS | 0.38 | 0.03 |
| tblVehicleEF | SBUS | 0.01 | 3.4739e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 5.9800e-004 | 4.5957e-005 |
| tblVehicleEF | SBUS | 6.3910e-003 | 1.6978e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.0877e-003 |
| tblVehicleEF | SBUS | 1.29 | 0.41 |
| tblVehicleEF | SBUS | 2.8630e-003 | 7.7801e-004 |

| | | | |
|---|---|---|---|
| tblVehicleEF | SBUS | 0.16 | 0.16 |
| tblVehicleEF | SBUS | 0.02 | 0.07 |
| tblVehicleEF | SBUS | 0.41 | 0.03 |
| tblVehicleEF | SBUS | 0.88 | 0.06 |
| tblVehicleEF | SBUS | 0.02 | 0.01 |
| tblVehicleEF | SBUS | 0.08 | 6.1021e-003 |
| tblVehicleEF | SBUS | 7.64 | 2.50 |
| tblVehicleEF | SBUS | 1.03 | 0.97 |
| tblVehicleEF | SBUS | 8.36 | 0.88 |
| tblVehicleEF | SBUS | 1,111.28 | 338.23 |
| tblVehicleEF | SBUS | 1,126.06 | 1,158.57 |
| tblVehicleEF | SBUS | 48.51 | 4.99 |
| tblVehicleEF | SBUS | 11.61 | 3.60 |
| tblVehicleEF | SBUS | 5.74 | 6.05 |
| tblVehicleEF | SBUS | 13.46 | 0.59 |
| tblVehicleEF | SBUS | 0.02 | 7.8043e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.04 |
| tblVehicleEF | SBUS | 6.8600e-004 | 4.3378e-005 |
| tblVehicleEF | SBUS | 0.02 | 7.4667e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.7190e-003 | 2.6986e-003 |
| tblVehicleEF | SBUS | 0.03 | 0.04 |
| tblVehicleEF | SBUS | 6.3000e-004 | 3.9884e-005 |
| tblVehicleEF | SBUS | 4.4520e-003 | 1.1827e-003 |
| tblVehicleEF | SBUS | 0.04 | 0.01 |
| tblVehicleEF | SBUS | 0.90 | 0.29 |
| tblVehicleEF | SBUS | 1.8210e-003 | 5.0817e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.13 |

| | | | |
|---|---|---|---|
| tblVehicleEF | SBUS | 0.02 | 0.09 |
| tblVehicleEF | SBUS | 0.44 | 0.04 |
| tblVehicleEF | SBUS | 0.01 | 3.2250e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.3000e-004 | 4.9380e-005 |
| tblVehicleEF | SBUS | 4.4520e-003 | 1.1827e-003 |
| tblVehicleEF | SBUS | 0.04 | 0.01 |
| tblVehicleEF | SBUS | 1.30 | 0.41 |
| tblVehicleEF | SBUS | 1.8210e-003 | 5.0817e-004 |
| tblVehicleEF | SBUS | 0.16 | 0.16 |
| tblVehicleEF | SBUS | 0.02 | 0.09 |
| tblVehicleEF | SBUS | 0.48 | 0.04 |
| tblVehicleEF | UBUS | 2.98 | 6.60 |
| tblVehicleEF | UBUS | 0.06 | 0.02 |
| tblVehicleEF | UBUS | 13.28 | 33.66 |
| tblVehicleEF | UBUS | 10.93 | 0.94 |
| tblVehicleEF | UBUS | 2,011.88 | 1,933.49 |
| tblVehicleEF | UBUS | 95.00 | 11.92 |
| tblVehicleEF | UBUS | 11.80 | 2.78 |
| tblVehicleEF | UBUS | 15.88 | 0.12 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.15 | 4.6650e-003 |
| tblVehicleEF | UBUS | 1.0690e-003 | 2.4000e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.5900e-003 |
| tblVehicleEF | UBUS | 0.14 | 4.4610e-003 |
| tblVehicleEF | UBUS | 9.8800e-004 | 2.2000e-005 |
| tblVehicleEF | UBUS | 5.6060e-003 | 8.6600e-004 |
| tblVehicleEF | UBUS | 0.09 | 0.01 |

| | | | |
|---|---|---|---|
| tblVehicleEF | UBUS | 2.9810e-003 | 6.5800e-004 |
| tblVehicleEF | UBUS | 1.01 | 0.34 |
| tblVehicleEF | UBUS | 0.02 | 0.06 |
| tblVehicleEF | UBUS | 0.81 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 2.4510e-003 |
| tblVehicleEF | UBUS | 1.1470e-003 | 1.1800e-004 |
| tblVehicleEF | UBUS | 5.6060e-003 | 8.6600e-004 |
| tblVehicleEF | UBUS | 0.09 | 0.01 |
| tblVehicleEF | UBUS | 2.9810e-003 | 6.5800e-004 |
| tblVehicleEF | UBUS | 4.11 | 7.01 |
| tblVehicleEF | UBUS | 0.02 | 0.06 |
| tblVehicleEF | UBUS | 0.89 | 0.07 |
| tblVehicleEF | UBUS | 2.98 | 6.60 |
| tblVehicleEF | UBUS | 0.05 | 0.01 |
| tblVehicleEF | UBUS | 13.34 | 33.66 |
| tblVehicleEF | UBUS | 9.50 | 0.83 |
| tblVehicleEF | UBUS | 2,011.88 | 1,933.49 |
| tblVehicleEF | UBUS | 95.00 | 11.72 |
| tblVehicleEF | UBUS | 11.12 | 2.78 |
| tblVehicleEF | UBUS | 15.82 | 0.12 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.15 | 4.6647e-003 |
| tblVehicleEF | UBUS | 1.0690e-003 | 2.3655e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.5896e-003 |
| tblVehicleEF | UBUS | 0.14 | 4.4609e-003 |
| tblVehicleEF | UBUS | 9.8800e-004 | 2.1750e-005 |
| tblVehicleEF | UBUS | 8.4440e-003 | 1.3092e-003 |
| tblVehicleEF | UBUS | 0.10 | 0.01 |

| | | | |
|---|---|---|---|
| tblVehicleEF | UBUS | 4.5610e-003 | 9.7544e-004 |
| tblVehicleEF | UBUS | 1.02 | 0.34 |
| tblVehicleEF | UBUS | 0.02 | 0.06 |
| tblVehicleEF | UBUS | 0.74 | 0.06 |
| tblVehicleEF | UBUS | 0.01 | 2.4506e-003 |
| tblVehicleEF | UBUS | 1.1220e-003 | 1.1599e-004 |
| tblVehicleEF | UBUS | 8.4440e-003 | 1.3092e-003 |
| tblVehicleEF | UBUS | 0.10 | 0.01 |
| tblVehicleEF | UBUS | 4.5610e-003 | 9.7544e-004 |
| tblVehicleEF | UBUS | 4.12 | 7.01 |
| tblVehicleEF | UBUS | 0.02 | 0.06 |
| tblVehicleEF | UBUS | 0.81 | 0.07 |
| tblVehicleEF | UBUS | 2.98 | 6.60 |
| tblVehicleEF | UBUS | 0.06 | 0.02 |
| tblVehicleEF | UBUS | 13.27 | 33.66 |
| tblVehicleEF | UBUS | 11.14 | 0.96 |
| tblVehicleEF | UBUS | 2,011.88 | 1,933.49 |
| tblVehicleEF | UBUS | 95.00 | 11.95 |
| tblVehicleEF | UBUS | 11.59 | 2.78 |
| tblVehicleEF | UBUS | 15.89 | 0.12 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.15 | 4.6647e-003 |
| tblVehicleEF | UBUS | 1.0690e-003 | 2.3655e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.5896e-003 |
| tblVehicleEF | UBUS | 0.14 | 4.4609e-003 |
| tblVehicleEF | UBUS | 9.8800e-004 | 2.1750e-005 |
| tblVehicleEF | UBUS | 6.2210e-003 | 8.4446e-004 |
| tblVehicleEF | UBUS | 0.11 | 0.01 |

| | | | |
|---|---|---|---|
| tblVehicleEF | UBUS | 3.1200e-003 | 6.3647e-004 |
| tblVehicleEF | UBUS | 1.01 | 0.34 |
| tblVehicleEF | UBUS | 0.03 | 0.08 |
| tblVehicleEF | UBUS | 0.82 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 2.4506e-003 |
| tblVehicleEF | UBUS | 1.1500e-003 | 1.1827e-004 |
| tblVehicleEF | UBUS | 6.2210e-003 | 8.4446e-004 |
| tblVehicleEF | UBUS | 0.11 | 0.01 |
| tblVehicleEF | UBUS | 3.1200e-003 | 6.3647e-004 |
| tblVehicleEF | UBUS | 4.10 | 7.01 |
| tblVehicleEF | UBUS | 0.03 | 0.08 |
| tblVehicleEF | UBUS | 0.90 | 0.07 |
| tblVehicleTrips | DV_TP | 40.00 | 35.00 |
| tblVehicleTrips | PB_TP | 15.00 | 25.00 |
| tblVehicleTrips | PR_TP | 45.00 | 40.00 |
| tblVehicleTrips | ST_TR | 42.04 | 28.31 |
| tblVehicleTrips | SU_TR | 20.43 | 28.31 |
| tblVehicleTrips | WD_TR | 44.32 | 28.31 |

## 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 | 0.3063 | 3.0000e-005 | 3.5000e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 7.4000e-003 | 7.4000e-003 | 2.0000e-005 | | 7.9100e-003 |
| Energy | 6.4000e-004 | 5.8600e-003 | 4.9200e-003 | 4.0000e-005 | | 4.5000e-004 | 4.5000e-004 | | 4.5000e-004 | 4.5000e-004 | | 7.0310 | 7.0310 | 1.3000e-004 | 1.3000e-004 | 7.0728 |
| Mobile | 1.4519 | 1.3681 | 8.9898 | 0.0149 | 1.3416 | 0.0198 | 1.3614 | 0.3576 | 0.0187 | 0.3762 | | 1,512.6367 | 1,512.6367 | 0.1439 | | 1,516.2334 |
| **Total** | **1.7588** | **1.3740** | **8.9982** | **0.0149** | **1.3416** | **0.0203** | **1.3619** | **0.3576** | **0.0191** | **0.3767** | | **1,519.6751** | **1,519.6751** | **0.1440** | **1.3000e-004** | **1,523.3141** |

**Mitigated Operational**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 0.3063 | 3.0000e-005 | 3.5000e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 7.4000e-003 | 7.4000e-003 | 2.0000e-005 | | 7.9100e-003 |
| Energy | 6.4000e-004 | 5.8600e-003 | 4.9200e-003 | 4.0000e-005 | | 4.5000e-004 | 4.5000e-004 | | 4.5000e-004 | 4.5000e-004 | | 7.0310 | 7.0310 | 1.3000e-004 | 1.3000e-004 | 7.0728 |
| Mobile | 1.4519 | 1.3681 | 8.9898 | 0.0149 | 1.3416 | 0.0198 | 1.3614 | 0.3576 | 0.0187 | 0.3762 | | 1,512.6367 | 1,512.6367 | 0.1439 | | 1,516.2334 |
| **Total** | **1.7588** | **1.3740** | **8.9982** | **0.0149** | **1.3416** | **0.0203** | **1.3619** | **0.3576** | **0.0191** | **0.3767** | | **1,519.6751** | **1,519.6751** | **0.1440** | **1.3000e-004** | **1,523.3141** |

| | ROG | NOx | 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** |

# 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 | 1.4519 | 1.3681 | 8.9898 | 0.0149 | 1.3416 | 0.0198 | 1.3614 | 0.3576 | 0.0187 | 0.3762 | | 1,512.6367 | 1,512.6367 | 0.1439 | | 1,516.2334 |
| Unmitigated | 1.4519 | 1.3681 | 8.9898 | 0.0149 | 1.3416 | 0.0198 | 1.3614 | 0.3576 | 0.0187 | 0.3762 | | 1,512.6367 | 1,512.6367 | 0.1439 | | 1,516.2334 |

## 4.2 Trip Summary Information

| | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|---|---|---|---|---|---|
| Land Use | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Parking Lot | 0.00 | 0.00 | 0.00 | | |
| Strip Mall | 376.52 | 376.52 | 376.52 | 636,569 | 636,569 |
| Total | 376.52 | 376.52 | 376.52 | 636,569 | 636,569 |

## 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 |
| Parking Lot | 16.60 | 8.40 | 6.90 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| Strip Mall | 16.60 | 8.40 | 6.90 | 16.60 | 64.40 | 19.00 | 40 | 35 | 25 |

## 4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parking Lot | 0.544640 | 0.056709 | 0.184037 | 0.135255 | 0.023974 | 0.005744 | 0.012157 | 0.008882 | 0.000874 | 0.000542 | 0.022226 | 0.000740 | 0.004220 |
| Strip Mall | 0.544640 | 0.056709 | 0.184037 | 0.135255 | 0.023974 | 0.005744 | 0.012157 | 0.008882 | 0.000874 | 0.000542 | 0.022226 | 0.000740 | 0.004220 |

# 5.0 Energy Detail

Historical Energy Use: Y

## 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 | 6.4000e-004 | 5.8600e-003 | 4.9200e-003 | 4.0000e-005 | | 4.5000e-004 | 4.5000e-004 | | 4.5000e-004 | 4.5000e-004 | | 7.0310 | 7.0310 | 1.3000e-004 | 1.3000e-004 | 7.0728 |
| NaturalGas Unmitigated | 6.4000e-004 | 5.8600e-003 | 4.9200e-003 | 4.0000e-005 | | 4.5000e-004 | 4.5000e-004 | | 4.5000e-004 | 4.5000e-004 | | 7.0310 | 7.0310 | 1.3000e-004 | 1.3000e-004 | 7.0728 |

## 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 | | | | | |
| Parking Lot | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Strip Mall | 59.7634 | 6.4000e-004 | 5.8600e-003 | 4.9200e-003 | 4.0000e-005 | | 4.5000e-004 | 4.5000e-004 | | 4.5000e-004 | 4.5000e-004 | | 7.0310 | 7.0310 | 1.3000e-004 | 1.3000e-004 | 7.0728 |
| **Total** | | **6.4000e-004** | **5.8600e-003** | **4.9200e-003** | **4.0000e-005** | | **4.5000e-004** | **4.5000e-004** | | **4.5000e-004** | **4.5000e-004** | | **7.0310** | **7.0310** | **1.3000e-004** | **1.3000e-004** | **7.0728** |

**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 | | | | | |
| Parking Lot | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Strip Mall | 0.0597634 | 6.4000e-004 | 5.8600e-003 | 4.9200e-003 | 4.0000e-005 | | 4.5000e-004 | 4.5000e-004 | | 4.5000e-004 | 4.5000e-004 | | 7.0310 | 7.0310 | 1.3000e-004 | 1.3000e-004 | 7.0728 |
| **Total** | | **6.4000e-004** | **5.8600e-003** | **4.9200e-003** | **4.0000e-005** | | **4.5000e-004** | **4.5000e-004** | | **4.5000e-004** | **4.5000e-004** | | **7.0310** | **7.0310** | **1.3000e-004** | **1.3000e-004** | **7.0728** |

# 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 | 0.3063 | 3.0000e-005 | 3.5000e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 7.4000e-003 | 7.4000e-003 | 2.0000e-005 | | 7.9100e-003 |
| Unmitigated | 0.3063 | 3.0000e-005 | 3.5000e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 7.4000e-003 | 7.4000e-003 | 2.0000e-005 | | 7.9100e-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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 0.0354 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 0.2706 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 3.3000e-004 | 3.0000e-005 | 3.5000e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 7.4000e-003 | 7.4000e-003 | 2.0000e-005 | | 7.9100e-003 |
| **Total** | **0.3063** | **3.0000e-005** | **3.5000e-003** | **0.0000** | | **1.0000e-005** | **1.0000e-005** | | **1.0000e-005** | **1.0000e-005** | | **7.4000e-003** | **7.4000e-003** | **2.0000e-005** | | **7.9100e-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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 0.0354 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 0.2706 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 3.3000e-004 | 3.0000e-005 | 3.5000e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 7.4000e-003 | 7.4000e-003 | 2.0000e-005 | | 7.9100e-003 |
| **Total** | **0.3063** | **3.0000e-005** | **3.5000e-003** | **0.0000** | | **1.0000e-005** | **1.0000e-005** | | **1.0000e-005** | **1.0000e-005** | | **7.4000e-003** | **7.4000e-003** | **2.0000e-005** | | **7.9100e-003** |

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

## 8.0 Waste Detail

### 8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

## 9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|---|---|---|---|---|---|---|

## 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

# A-4 Project Operational Emissions

**Jefferson Hotel Project**
**Air Quality Assessment**

**Regional Emissions**

| DAILY MAXIMUM | ROG | NOx | CO | SO2 | PM10 Total | PM2.5 Total |
|---|---|---|---|---|---|---|
| Category | lb/day | | | | | |
| Area | 3 | <1 | <1 | <1 | <1 | <1 |
| Energy | <1 | 1 | 1 | <1 | <1 | <1 |
| Mobile | 5 | 5 | 36 | <1 | 7 | 2 |
| Project Total | 8 | 5 | 37 | <1 | 7 | 2 |
| Existing Emissions | 2 | 1 | 9 | <1 | 1 | <1 |
| Net Project Emissions | 6 | 4 | 27 | <1 | 6 | 2 |
| SCAQMD Reginal Significance Thresholds | 55 | 55 | 550 | 150 | 150 | 55 |
| Exceeds Threshold? | No | No | No | No | No | No |

**Jefferson Hotel Project**
**Air Quality Assessment**

**Localized Emissions**

| DAILY MAXIMUM | NOx | CO | PM10 Total | PM2.5 Total |
|---|---|---|---|---|
| Category | lb/day | | | |
| Area | <1 | <1 | <1 | <1 |
| Energy | 1 | 1 | <1 | <1 |
| Project Total | 1 | 1 | <1 | <1 |
| Existing Emissions | <1 | <1 | <1 | <1 |
| Net Project Emissions | 1 | 1 | <1 | <1 |
| SCAQMD Localized Significance Thresholds | 103 | 562 | 1 | 1 |
| Exceeds Threshold? | No | No | No | No |

**Jefferson Hotel Project**
**Air Quality Assessment**

**Regional Emissions**

| SUMMER | ROG | NOx | CO | SO2 | PM10 Total | PM2.5 Total |
|---|---|---|---|---|---|---|
| Category | lb/day | | | | | |
| Area | 2.74 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 |
| Energy | 0.09 | 0.79 | 0.66 | 0.00 | 0.06 | 0.06 |
| Mobile | 4.90 | 4.24 | 35.94 | 0.08 | 7.42 | 2.02 |
| Total | 7.73 | 5.03 | 36.64 | 0.08 | 7.48 | 2.08 |

| WINTER | ROG | NOx | CO | SO2 | PM10 Total | PM2.5 Total |
|---|---|---|---|---|---|---|
| Category | lb/day | | | | | |
| Area | 2.74 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 |
| Energy | 0.09 | 0.79 | 0.66 | 0.00 | 0.06 | 0.06 |
| Mobile | 4.93 | 4.55 | 34.98 | 0.07 | 7.42 | 2.02 |
| Total | 7.76 | 5.33 | 35.68 | 0.08 | 7.48 | 2.08 |

| DAILY MAXIMUM | ROG | NOx | CO | SO2 | PM10 Total | PM2.5 Total |
|---|---|---|---|---|---|---|
| Category | lb/day | | | | | |
| Area | 2.74 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 |
| Energy | 0.09 | 0.79 | 0.66 | 0.00 | 0.06 | 0.06 |
| Mobile | 4.93 | 4.55 | 35.94 | 0.08 | 7.42 | 2.02 |
| Project Total | 7.76 | 5.33 | 36.64 | 0.08 | 7.48 | 2.08 |
| Existing Emissions | 1.76 | 1.37 | 9.23 | 0.02 | 1.36 | 0.38 |
| Net Project Emissions | 6.00 | 3.96 | 27.42 | 0.06 | 6.12 | 1.70 |
| SCAQMD Reginal Significance Thresholds | 55 | 55 | 550 | 150 | 150 | 55 |
| Exceeds Threshold? | No | No | No | No | No | No |

| DAILY MAXIMUM | ROG | NOx | CO | SO2 | PM10 Total | PM2.5 Total |
|---|---|---|---|---|---|---|
| Category | lb/day | | | | | |
| Area | 3 | <1 | <1 | <1 | <1 | <1 |
| Energy | <1 | 1 | 1 | <1 | <1 | <1 |
| Mobile | 5 | 5 | 36 | <1 | 7 | 2 |
| Project Total | 8 | 5 | 37 | <1 | 7 | 2 |
| Existing Emissions | 2 | 1 | 9 | <1 | 1 | <1 |
| Net Project Emissions | 6 | 4 | 27 | <1 | 6 | 2 |
| SCAQMD Reginal Significance Thresholds | 55 | 55 | 550 | 150 | 150 | 55 |
| Exceeds Threshold? | No | No | No | No | No | No |

**Jefferson Hotel Project**
**Air Quality Assessment**

**Localized Emissions**

| SUMMER | NOx | CO | PM10 Total | PM2.5 Total |
|---|---|---|---|---|
| Category | lb/day | | | |
| Area | 0.000 | 0.039 | 0.000 | 0.000 |
| Energy | 0.786 | 0.660 | 0.060 | 0.060 |
| Total | 0.786 | 0.699 | 0.060 | 0.060 |

| WINTER | NOx | CO | PM10 Total | PM2.5 Total |
|---|---|---|---|---|
| Category | lb/day | | | |
| Area | 0.000 | 0.039 | 0.000 | 0.000 |
| Energy | 0.786 | 0.660 | 0.060 | 0.060 |
| Total | 0.786 | 0.699 | 0.060 | 0.060 |

| DAILY MAXIMUM | NOx | CO | PM10 Total | PM2.5 Total |
|---|---|---|---|---|
| Category | lb/day | | | |
| Area | 0.000 | 0.039 | 0.000 | 0.000 |
| Energy | 0.786 | 0.660 | 0.060 | 0.060 |
| Project Total | 0.786 | 0.699 | 0.060 | 0.060 |
| Existing Emissions | 0.006 | 0.008 | 0.000 | 0.000 |
| Net Project Emissions | 0.780 | 0.691 | 0.059 | 0.059 |
| SCAQMD Localized Significance Thresholds | 103 | 562 | 1 | 1 |
| Exceeds Threshold? | No | No | No | No |

| DAILY MAXIMUM | NOx | CO | PM10 Total | PM2.5 Total |
|---|---|---|---|---|
| Category | lb/day | | | |
| Area | <1 | <1 | <1 | <1 |
| Energy | 1 | 1 | <1 | <1 |
| Project Total | 1 | 1 | <1 | <1 |
| Existing Emissions | <1 | <1 | <1 | <1 |
| Net Project Emissions | 1 | 1 | <1 | <1 |
| SCAQMD Localized Significance Thresholds | 103 | 562 | 1 | 1 |
| Exceeds Threshold? | No | No | No | No |

# 11469 Jefferson - Operations

**South Coast AQMD Air District, Summer**

## 1.0 Project Characteristics

### 1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|---|---|---|---|---|---|
| Enclosed Parking with Elevator | 208.00 | Space | 0.28 | 33,817.00 | 0 |
| Hotel | 175.00 | Room | 0.50 | 122,000.00 | 0 |

### 1.2 Other Project Characteristics

| | | | | | |
|---|---|---|---|---|---|
| **Urbanization** | Urban | **Wind Speed (m/s)** | 2.2 | **Precipitation Freq (Days)** | 31 |
| **Climate Zone** | 11 | | | **Operational Year** | 2022 |
| **Utility Company** | Southern California Edison | | | | |
| **CO2 Intensity (lb/MWhr)** | 509.22 | **CH4 Intensity (lb/MWhr)** | 0.029 | **N2O Intensity (lb/MWhr)** | 0.006 |

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2e intensity factor was linearly projected for year 2022 anticipated RPS based on SB 100 target of 44% RPS by 12/31/2024 projected and from SCE contract with the CPUC to have 41.4% RPS by 2020.
Land Use - see operational assumptions

Vehicle Trips - trip rate from project traffic study

Vehicle Emission Factors - Updated to EMFAC2017 EFs

Energy Use -

Energy Mitigation - see operational assumptions for solar pv system assumptions.

Waste Mitigation -

| Table Name | Column Name | Default Value | New Value |
|---|---|---|---|
| tblFleetMix | HHD | 0.03 | 9.1619e-003 |
| tblFleetMix | HHD | 0.03 | 9.1619e-003 |
| tblFleetMix | LDA | 0.55 | 0.54 |
| tblFleetMix | LDA | 0.55 | 0.54 |
| tblFleetMix | LDT1 | 0.04 | 0.06 |
| tblFleetMix | LDT1 | 0.04 | 0.06 |
| tblFleetMix | LDT2 | 0.20 | 0.18 |
| tblFleetMix | LDT2 | 0.20 | 0.18 |
| tblFleetMix | LHD1 | 0.02 | 0.02 |
| tblFleetMix | LHD1 | 0.02 | 0.02 |
| tblFleetMix | LHD2 | 5.8460e-003 | 6.2455e-003 |
| tblFleetMix | LHD2 | 5.8460e-003 | 6.2455e-003 |
| tblFleetMix | MCY | 4.8550e-003 | 0.02 |
| tblFleetMix | MCY | 4.8550e-003 | 0.02 |
| tblFleetMix | MDV | 0.12 | 0.13 |
| tblFleetMix | MDV | 0.12 | 0.13 |
| tblFleetMix | MH | 8.9600e-004 | 3.8643e-003 |
| tblFleetMix | MH | 8.9600e-004 | 3.8643e-003 |
| tblFleetMix | MHD | 0.02 | 0.01 |
| tblFleetMix | MHD | 0.02 | 0.01 |
| tblFleetMix | OBUS | 2.0990e-003 | 8.2637e-004 |
| tblFleetMix | OBUS | 2.0990e-003 | 8.2637e-004 |
| tblFleetMix | SBUS | 7.0900e-004 | 7.4790e-004 |
| tblFleetMix | SBUS | 7.0900e-004 | 7.4790e-004 |
| tblFleetMix | UBUS | 1.8280e-003 | 5.1497e-004 |
| tblFleetMix | UBUS | 1.8280e-003 | 5.1497e-004 |
| tblLandUse | LandUseSquareFeet | 83,200.00 | 33,817.00 |
| tblLandUse | LandUseSquareFeet | 254,100.00 | 122,000.00 |
| tblLandUse | LotAcreage | 1.87 | 0.28 |

| | | | |
|---|---|---|---|
| tblLandUse | LotAcreage | 5.83 | 0.50 |
| tblProjectCharacteristics | CO2IntensityFactor | 702.44 | 509.22 |
| tblVehicleEF | HHD | 0.72 | 0.03 |
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.08 | 0.00 |
| tblVehicleEF | HHD | 2.55 | 6.51 |
| tblVehicleEF | HHD | 0.96 | 0.52 |
| tblVehicleEF | HHD | 2.84 | 7.1770e-003 |
| tblVehicleEF | HHD | 4,906.64 | 1,210.94 |
| tblVehicleEF | HHD | 1,590.87 | 1,438.06 |
| tblVehicleEF | HHD | 9.09 | 0.06 |
| tblVehicleEF | HHD | 20.90 | 6.45 |
| tblVehicleEF | HHD | 3.41 | 3.28 |
| tblVehicleEF | HHD | 19.73 | 2.11 |
| tblVehicleEF | HHD | 0.01 | 3.7420e-003 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.01 | 0.03 |
| tblVehicleEF | HHD | 7.7000e-005 | 1.0000e-006 |
| tblVehicleEF | HHD | 0.01 | 3.5800e-003 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8170e-003 | 8.8730e-003 |
| tblVehicleEF | HHD | 0.01 | 0.03 |
| tblVehicleEF | HHD | 7.0000e-005 | 1.0000e-006 |
| tblVehicleEF | HHD | 9.9000e-005 | 5.0000e-006 |
| tblVehicleEF | HHD | 4.0680e-003 | 1.9900e-004 |
| tblVehicleEF | HHD | 0.64 | 0.47 |
| tblVehicleEF | HHD | 7.1000e-005 | 4.0000e-006 |
| tblVehicleEF | HHD | 0.12 | 0.07 |
| tblVehicleEF | HHD | 3.3200e-004 | 1.0440e-003 |

| | | | |
|---|---|---|---|
| tblVehicleEF | HHD | 0.07 | 2.0000e-006 |
| tblVehicleEF | HHD | 0.05 | 0.01 |
| tblVehicleEF | HHD | 0.01 | 0.01 |
| tblVehicleEF | HHD | 1.3800e-004 | 1.0000e-006 |
| tblVehicleEF | HHD | 9.9000e-005 | 5.0000e-006 |
| tblVehicleEF | HHD | 4.0680e-003 | 1.9900e-004 |
| tblVehicleEF | HHD | 0.74 | 0.54 |
| tblVehicleEF | HHD | 7.1000e-005 | 4.0000e-006 |
| tblVehicleEF | HHD | 0.22 | 0.16 |
| tblVehicleEF | HHD | 3.3200e-004 | 1.0440e-003 |
| tblVehicleEF | HHD | 0.08 | 2.0000e-006 |
| tblVehicleEF | HHD | 0.67 | 0.03 |
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.08 | 4.0556e-007 |
| tblVehicleEF | HHD | 1.86 | 6.37 |
| tblVehicleEF | HHD | 0.97 | 0.52 |
| tblVehicleEF | HHD | 2.70 | 6.8153e-003 |
| tblVehicleEF | HHD | 5,197.96 | 1,206.27 |
| tblVehicleEF | HHD | 1,590.87 | 1,438.06 |
| tblVehicleEF | HHD | 9.09 | 0.06 |
| tblVehicleEF | HHD | 21.57 | 6.25 |
| tblVehicleEF | HHD | 3.22 | 3.10 |
| tblVehicleEF | HHD | 19.72 | 2.11 |
| tblVehicleEF | HHD | 0.01 | 3.2843e-003 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.01 | 0.03 |
| tblVehicleEF | HHD | 7.7000e-005 | 1.1608e-006 |
| tblVehicleEF | HHD | 0.01 | 3.1423e-003 |
| tblVehicleEF | HHD | 0.03 | 0.03 |

| | | | |
|---|---|---|---|
| tblVehicleEF | HHD | 8.8170e-003 | 8.8727e-003 |
| tblVehicleEF | HHD | 0.01 | 0.03 |
| tblVehicleEF | HHD | 7.0000e-005 | 1.0673e-006 |
| tblVehicleEF | HHD | 1.6000e-004 | 8.6932e-006 |
| tblVehicleEF | HHD | 4.2570e-003 | 2.0741e-004 |
| tblVehicleEF | HHD | 0.60 | 0.49 |
| tblVehicleEF | HHD | 1.1000e-004 | 5.9150e-006 |
| tblVehicleEF | HHD | 0.12 | 0.07 |
| tblVehicleEF | HHD | 3.2600e-004 | 1.0356e-003 |
| tblVehicleEF | HHD | 0.07 | 2.1344e-006 |
| tblVehicleEF | HHD | 0.05 | 0.01 |
| tblVehicleEF | HHD | 0.01 | 0.01 |
| tblVehicleEF | HHD | 1.3500e-004 | 6.3630e-007 |
| tblVehicleEF | HHD | 1.6000e-004 | 8.6932e-006 |
| tblVehicleEF | HHD | 4.2570e-003 | 2.0741e-004 |
| tblVehicleEF | HHD | 0.70 | 0.57 |
| tblVehicleEF | HHD | 1.1000e-004 | 5.9150e-006 |
| tblVehicleEF | HHD | 0.22 | 0.16 |
| tblVehicleEF | HHD | 3.2600e-004 | 1.0356e-003 |
| tblVehicleEF | HHD | 0.07 | 2.3369e-006 |
| tblVehicleEF | HHD | 0.77 | 0.03 |
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.08 | 4.2674e-007 |
| tblVehicleEF | HHD | 3.51 | 6.70 |
| tblVehicleEF | HHD | 0.96 | 0.52 |
| tblVehicleEF | HHD | 2.86 | 7.2281e-003 |
| tblVehicleEF | HHD | 4,504.34 | 1,217.38 |
| tblVehicleEF | HHD | 1,590.87 | 1,438.06 |
| tblVehicleEF | HHD | 9.09 | 0.06 |
| tblVehicleEF | HHD | 19.97 | 6.73 |

| | | | |
|---|---|---|---|
| tblVehicleEF | HHD | 3.36 | 3.24 |
| tblVehicleEF | HHD | 19.73 | 2.11 |
| tblVehicleEF | HHD | 0.02 | 4.3740e-003 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.01 | 0.03 |
| tblVehicleEF | HHD | 7.7000e-005 | 1.1608e-006 |
| tblVehicleEF | HHD | 0.02 | 4.1847e-003 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8170e-003 | 8.8727e-003 |
| tblVehicleEF | HHD | 0.01 | 0.03 |
| tblVehicleEF | HHD | 7.0000e-005 | 1.0673e-006 |
| tblVehicleEF | HHD | 9.3000e-005 | 5.5102e-006 |
| tblVehicleEF | HHD | 4.3390e-003 | 2.2656e-004 |
| tblVehicleEF | HHD | 0.69 | 0.44 |
| tblVehicleEF | HHD | 6.8000e-005 | 3.6531e-006 |
| tblVehicleEF | HHD | 0.12 | 0.07 |
| tblVehicleEF | HHD | 3.5900e-004 | 1.1075e-003 |
| tblVehicleEF | HHD | 0.07 | 2.2379e-006 |
| tblVehicleEF | HHD | 0.04 | 0.01 |
| tblVehicleEF | HHD | 0.01 | 0.01 |
| tblVehicleEF | HHD | 1.3800e-004 | 6.4278e-007 |
| tblVehicleEF | HHD | 9.3000e-005 | 5.5102e-006 |
| tblVehicleEF | HHD | 4.3390e-003 | 2.2656e-004 |
| tblVehicleEF | HHD | 0.80 | 0.51 |
| tblVehicleEF | HHD | 6.8000e-005 | 3.6531e-006 |
| tblVehicleEF | HHD | 0.22 | 0.16 |
| tblVehicleEF | HHD | 3.5900e-004 | 1.1075e-003 |
| tblVehicleEF | HHD | 0.08 | 2.4502e-006 |
| tblVehicleEF | LDA | 4.7080e-003 | 2.7390e-003 |

| | | | |
|---|---|---|---|
| tblVehicleEF | LDA | 5.1030e-003 | 0.05 |
| tblVehicleEF | LDA | 0.61 | 0.68 |
| tblVehicleEF | LDA | 1.10 | 2.09 |
| tblVehicleEF | LDA | 264.19 | 265.95 |
| tblVehicleEF | LDA | 56.82 | 53.17 |
| tblVehicleEF | LDA | 0.05 | 0.04 |
| tblVehicleEF | LDA | 0.07 | 0.18 |
| tblVehicleEF | LDA | 1.9930e-003 | 1.6790e-003 |
| tblVehicleEF | LDA | 2.2640e-003 | 1.8370e-003 |
| tblVehicleEF | LDA | 1.8370e-003 | 1.5470e-003 |
| tblVehicleEF | LDA | 2.0810e-003 | 1.6890e-003 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.10 | 0.10 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.01 | 0.01 |
| tblVehicleEF | LDA | 0.04 | 0.21 |
| tblVehicleEF | LDA | 0.07 | 0.22 |
| tblVehicleEF | LDA | 2.6460e-003 | 2.6310e-003 |
| tblVehicleEF | LDA | 5.8700e-004 | 5.2600e-004 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.10 | 0.10 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.21 |
| tblVehicleEF | LDA | 0.08 | 0.24 |
| tblVehicleEF | LDA | 5.0460e-003 | 2.9541e-003 |
| tblVehicleEF | LDA | 4.5230e-003 | 0.04 |
| tblVehicleEF | LDA | 0.69 | 0.76 |
| tblVehicleEF | LDA | 0.94 | 1.79 |
| tblVehicleEF | LDA | 278.35 | 279.67 |

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|---|---|---|---|
| tblVehicleEF | LDA | 56.82 | 52.61 |
| tblVehicleEF | LDA | 0.04 | 0.03 |
| tblVehicleEF | LDA | 0.06 | 0.17 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 1.9930e-003 | 1.6792e-003 |
| tblVehicleEF | LDA | 2.2640e-003 | 1.8374e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 1.8370e-003 | 1.5468e-003 |
| tblVehicleEF | LDA | 2.0810e-003 | 1.6895e-003 |
| tblVehicleEF | LDA | 0.06 | 0.09 |
| tblVehicleEF | LDA | 0.10 | 0.10 |
| tblVehicleEF | LDA | 0.05 | 0.07 |
| tblVehicleEF | LDA | 0.01 | 0.01 |
| tblVehicleEF | LDA | 0.04 | 0.20 |
| tblVehicleEF | LDA | 0.06 | 0.19 |
| tblVehicleEF | LDA | 2.7880e-003 | 2.7668e-003 |
| tblVehicleEF | LDA | 5.8400e-004 | 5.2065e-004 |
| tblVehicleEF | LDA | 0.06 | 0.09 |
| tblVehicleEF | LDA | 0.10 | 0.10 |
| tblVehicleEF | LDA | 0.05 | 0.07 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.20 |
| tblVehicleEF | LDA | 0.07 | 0.21 |
| tblVehicleEF | LDA | 4.6070e-003 | 2.6779e-003 |
| tblVehicleEF | LDA | 5.2210e-003 | 0.05 |
| tblVehicleEF | LDA | 0.59 | 0.66 |
| tblVehicleEF | LDA | 1.13 | 2.15 |
| tblVehicleEF | LDA | 259.61 | 261.48 |

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|---|---|---|---|
| tblVehicleEF | LDA | 56.82 | 53.28 |
| tblVehicleEF | LDA | 0.05 | 0.04 |
| tblVehicleEF | LDA | 0.07 | 0.18 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 1.9930e-003 | 1.6792e-003 |
| tblVehicleEF | LDA | 2.2640e-003 | 1.8374e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 1.8370e-003 | 1.5468e-003 |
| tblVehicleEF | LDA | 2.0810e-003 | 1.6895e-003 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.11 | 0.11 |
| tblVehicleEF | LDA | 0.03 | 0.05 |
| tblVehicleEF | LDA | 0.01 | 0.01 |
| tblVehicleEF | LDA | 0.04 | 0.24 |
| tblVehicleEF | LDA | 0.07 | 0.22 |
| tblVehicleEF | LDA | 2.6000e-003 | 2.5867e-003 |
| tblVehicleEF | LDA | 5.8700e-004 | 5.2725e-004 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.11 | 0.11 |
| tblVehicleEF | LDA | 0.03 | 0.05 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.24 |
| tblVehicleEF | LDA | 0.08 | 0.24 |
| tblVehicleEF | LDT1 | 0.01 | 7.1830e-003 |
| tblVehicleEF | LDT1 | 0.01 | 0.07 |
| tblVehicleEF | LDT1 | 1.50 | 1.39 |
| tblVehicleEF | LDT1 | 2.77 | 2.28 |
| tblVehicleEF | LDT1 | 329.66 | 314.22 |

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|---|---|---|---|
| tblVehicleEF | LDT1 | 69.74 | 63.58 |
| tblVehicleEF | LDT1 | 0.14 | 0.11 |
| tblVehicleEF | LDT1 | 0.16 | 0.26 |
| tblVehicleEF | LDT1 | 3.1320e-003 | 2.5040e-003 |
| tblVehicleEF | LDT1 | 3.4000e-003 | 2.6190e-003 |
| tblVehicleEF | LDT1 | 2.8840e-003 | 2.3040e-003 |
| tblVehicleEF | LDT1 | 3.1270e-003 | 2.4080e-003 |
| tblVehicleEF | LDT1 | 0.14 | 0.14 |
| tblVehicleEF | LDT1 | 0.27 | 0.21 |
| tblVehicleEF | LDT1 | 0.11 | 0.11 |
| tblVehicleEF | LDT1 | 0.03 | 0.03 |
| tblVehicleEF | LDT1 | 0.17 | 0.70 |
| tblVehicleEF | LDT1 | 0.19 | 0.36 |
| tblVehicleEF | LDT1 | 3.3150e-003 | 3.1090e-003 |
| tblVehicleEF | LDT1 | 7.4600e-004 | 6.2900e-004 |
| tblVehicleEF | LDT1 | 0.14 | 0.14 |
| tblVehicleEF | LDT1 | 0.27 | 0.21 |
| tblVehicleEF | LDT1 | 0.11 | 0.11 |
| tblVehicleEF | LDT1 | 0.05 | 0.05 |
| tblVehicleEF | LDT1 | 0.17 | 0.70 |
| tblVehicleEF | LDT1 | 0.21 | 0.39 |
| tblVehicleEF | LDT1 | 0.01 | 7.6860e-003 |
| tblVehicleEF | LDT1 | 0.01 | 0.06 |
| tblVehicleEF | LDT1 | 1.65 | 1.54 |
| tblVehicleEF | LDT1 | 2.37 | 1.95 |
| tblVehicleEF | LDT1 | 346.09 | 328.12 |
| tblVehicleEF | LDT1 | 69.74 | 62.92 |
| tblVehicleEF | LDT1 | 0.12 | 0.10 |
| tblVehicleEF | LDT1 | 0.15 | 0.24 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |

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|---|---|---|---|
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.1320e-003 | 2.5040e-003 |
| tblVehicleEF | LDT1 | 3.4000e-003 | 2.6192e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 2.8840e-003 | 2.3043e-003 |
| tblVehicleEF | LDT1 | 3.1270e-003 | 2.4084e-003 |
| tblVehicleEF | LDT1 | 0.22 | 0.22 |
| tblVehicleEF | LDT1 | 0.29 | 0.22 |
| tblVehicleEF | LDT1 | 0.16 | 0.17 |
| tblVehicleEF | LDT1 | 0.04 | 0.03 |
| tblVehicleEF | LDT1 | 0.16 | 0.66 |
| tblVehicleEF | LDT1 | 0.17 | 0.32 |
| tblVehicleEF | LDT1 | 3.4820e-003 | 3.2470e-003 |
| tblVehicleEF | LDT1 | 7.3900e-004 | 6.2263e-004 |
| tblVehicleEF | LDT1 | 0.22 | 0.22 |
| tblVehicleEF | LDT1 | 0.29 | 0.22 |
| tblVehicleEF | LDT1 | 0.16 | 0.17 |
| tblVehicleEF | LDT1 | 0.05 | 0.05 |
| tblVehicleEF | LDT1 | 0.16 | 0.66 |
| tblVehicleEF | LDT1 | 0.18 | 0.35 |
| tblVehicleEF | LDT1 | 0.01 | 7.0340e-003 |
| tblVehicleEF | LDT1 | 0.01 | 0.07 |
| tblVehicleEF | LDT1 | 1.45 | 1.34 |
| tblVehicleEF | LDT1 | 2.85 | 2.35 |
| tblVehicleEF | LDT1 | 324.17 | 309.56 |
| tblVehicleEF | LDT1 | 69.74 | 63.72 |
| tblVehicleEF | LDT1 | 0.14 | 0.11 |
| tblVehicleEF | LDT1 | 0.16 | 0.26 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |

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|---|---|---|---|
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.1320e-003 | 2.5040e-003 |
| tblVehicleEF | LDT1 | 3.4000e-003 | 2.6192e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 2.8840e-003 | 2.3043e-003 |
| tblVehicleEF | LDT1 | 3.1270e-003 | 2.4084e-003 |
| tblVehicleEF | LDT1 | 0.13 | 0.13 |
| tblVehicleEF | LDT1 | 0.31 | 0.23 |
| tblVehicleEF | LDT1 | 0.10 | 0.11 |
| tblVehicleEF | LDT1 | 0.03 | 0.03 |
| tblVehicleEF | LDT1 | 0.20 | 0.83 |
| tblVehicleEF | LDT1 | 0.20 | 0.37 |
| tblVehicleEF | LDT1 | 3.2600e-003 | 3.0632e-003 |
| tblVehicleEF | LDT1 | 7.4700e-004 | 6.3053e-004 |
| tblVehicleEF | LDT1 | 0.13 | 0.13 |
| tblVehicleEF | LDT1 | 0.31 | 0.23 |
| tblVehicleEF | LDT1 | 0.10 | 0.11 |
| tblVehicleEF | LDT1 | 0.05 | 0.05 |
| tblVehicleEF | LDT1 | 0.20 | 0.83 |
| tblVehicleEF | LDT1 | 0.21 | 0.40 |
| tblVehicleEF | LDT2 | 6.4770e-003 | 4.5310e-003 |
| tblVehicleEF | LDT2 | 6.3660e-003 | 0.07 |
| tblVehicleEF | LDT2 | 0.79 | 0.97 |
| tblVehicleEF | LDT2 | 1.35 | 2.64 |
| tblVehicleEF | LDT2 | 369.39 | 336.54 |
| tblVehicleEF | LDT2 | 78.41 | 68.58 |
| tblVehicleEF | LDT2 | 0.08 | 0.08 |
| tblVehicleEF | LDT2 | 0.11 | 0.28 |
| tblVehicleEF | LDT2 | 1.9860e-003 | 1.7610e-003 |

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|---|---|---|---|
| tblVehicleEF | LDT2 | 2.3340e-003 | 1.8600e-003 |
| tblVehicleEF | LDT2 | 1.8270e-003 | 1.6210e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 1.7100e-003 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.10 | 0.12 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 0.06 | 0.41 |
| tblVehicleEF | LDT2 | 0.09 | 0.31 |
| tblVehicleEF | LDT2 | 3.7000e-003 | 3.3290e-003 |
| tblVehicleEF | LDT2 | 8.0700e-004 | 6.7900e-004 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.10 | 0.12 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.02 | 0.03 |
| tblVehicleEF | LDT2 | 0.06 | 0.41 |
| tblVehicleEF | LDT2 | 0.09 | 0.34 |
| tblVehicleEF | LDT2 | 6.9310e-003 | 4.8690e-003 |
| tblVehicleEF | LDT2 | 5.6450e-003 | 0.06 |
| tblVehicleEF | LDT2 | 0.88 | 1.08 |
| tblVehicleEF | LDT2 | 1.16 | 2.26 |
| tblVehicleEF | LDT2 | 388.48 | 350.13 |
| tblVehicleEF | LDT2 | 78.41 | 67.87 |
| tblVehicleEF | LDT2 | 0.07 | 0.07 |
| tblVehicleEF | LDT2 | 0.10 | 0.26 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT2 | 1.9860e-003 | 1.7615e-003 |
| tblVehicleEF | LDT2 | 2.3340e-003 | 1.8602e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |

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|---|---|---|---|
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.8270e-003 | 1.6212e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 1.7104e-003 |
| tblVehicleEF | LDT2 | 0.08 | 0.13 |
| tblVehicleEF | LDT2 | 0.11 | 0.13 |
| tblVehicleEF | LDT2 | 0.07 | 0.11 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 0.06 | 0.38 |
| tblVehicleEF | LDT2 | 0.08 | 0.28 |
| tblVehicleEF | LDT2 | 3.8920e-003 | 3.4639e-003 |
| tblVehicleEF | LDT2 | 8.0300e-004 | 6.7161e-004 |
| tblVehicleEF | LDT2 | 0.08 | 0.13 |
| tblVehicleEF | LDT2 | 0.11 | 0.13 |
| tblVehicleEF | LDT2 | 0.07 | 0.11 |
| tblVehicleEF | LDT2 | 0.03 | 0.03 |
| tblVehicleEF | LDT2 | 0.06 | 0.38 |
| tblVehicleEF | LDT2 | 0.08 | 0.30 |
| tblVehicleEF | LDT2 | 6.3380e-003 | 4.4315e-003 |
| tblVehicleEF | LDT2 | 6.5150e-003 | 0.07 |
| tblVehicleEF | LDT2 | 0.76 | 0.93 |
| tblVehicleEF | LDT2 | 1.39 | 2.72 |
| tblVehicleEF | LDT2 | 363.05 | 331.99 |
| tblVehicleEF | LDT2 | 78.41 | 68.74 |
| tblVehicleEF | LDT2 | 0.07 | 0.08 |
| tblVehicleEF | LDT2 | 0.11 | 0.28 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT2 | 1.9860e-003 | 1.7615e-003 |
| tblVehicleEF | LDT2 | 2.3340e-003 | 1.8602e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |

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|---|---|---|---|
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.8270e-003 | 1.6212e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 1.7104e-003 |
| tblVehicleEF | LDT2 | 0.04 | 0.07 |
| tblVehicleEF | LDT2 | 0.11 | 0.13 |
| tblVehicleEF | LDT2 | 0.04 | 0.07 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 0.07 | 0.47 |
| tblVehicleEF | LDT2 | 0.09 | 0.32 |
| tblVehicleEF | LDT2 | 3.6360e-003 | 3.2844e-003 |
| tblVehicleEF | LDT2 | 8.0700e-004 | 6.8020e-004 |
| tblVehicleEF | LDT2 | 0.04 | 0.07 |
| tblVehicleEF | LDT2 | 0.11 | 0.13 |
| tblVehicleEF | LDT2 | 0.04 | 0.07 |
| tblVehicleEF | LDT2 | 0.02 | 0.03 |
| tblVehicleEF | LDT2 | 0.07 | 0.47 |
| tblVehicleEF | LDT2 | 0.10 | 0.35 |
| tblVehicleEF | LHD1 | 5.4910e-003 | 5.4520e-003 |
| tblVehicleEF | LHD1 | 0.01 | 5.3620e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.15 | 0.19 |
| tblVehicleEF | LHD1 | 0.82 | 0.63 |
| tblVehicleEF | LHD1 | 2.60 | 1.08 |
| tblVehicleEF | LHD1 | 9.01 | 9.00 |
| tblVehicleEF | LHD1 | 602.65 | 659.27 |
| tblVehicleEF | LHD1 | 32.51 | 12.01 |
| tblVehicleEF | LHD1 | 0.08 | 0.06 |
| tblVehicleEF | LHD1 | 1.20 | 0.80 |
| tblVehicleEF | LHD1 | 1.00 | 0.33 |
| tblVehicleEF | LHD1 | 8.6000e-004 | 7.9900e-004 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 0.01 | 9.7330e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.1920e-003 |
| tblVehicleEF | LHD1 | 9.4900e-004 | 2.6600e-004 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 7.6400e-004 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.4330e-003 |
| tblVehicleEF | LHD1 | 9.6970e-003 | 6.8540e-003 |
| tblVehicleEF | LHD1 | 8.7300e-004 | 2.4500e-004 |
| tblVehicleEF | LHD1 | 3.1810e-003 | 2.5560e-003 |
| tblVehicleEF | LHD1 | 0.10 | 0.08 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 1.8680e-003 | 1.5090e-003 |
| tblVehicleEF | LHD1 | 0.06 | 0.05 |
| tblVehicleEF | LHD1 | 0.30 | 0.52 |
| tblVehicleEF | LHD1 | 0.26 | 0.08 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7000e-005 |
| tblVehicleEF | LHD1 | 5.9160e-003 | 6.4340e-003 |
| tblVehicleEF | LHD1 | 3.7400e-004 | 1.1900e-004 |
| tblVehicleEF | LHD1 | 3.1810e-003 | 2.5560e-003 |
| tblVehicleEF | LHD1 | 0.10 | 0.08 |
| tblVehicleEF | LHD1 | 0.02 | 0.03 |
| tblVehicleEF | LHD1 | 1.8680e-003 | 1.5090e-003 |
| tblVehicleEF | LHD1 | 0.08 | 0.06 |
| tblVehicleEF | LHD1 | 0.30 | 0.52 |
| tblVehicleEF | LHD1 | 0.28 | 0.08 |
| tblVehicleEF | LHD1 | 5.4910e-003 | 5.4637e-003 |
| tblVehicleEF | LHD1 | 0.01 | 5.4654e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.15 | 0.19 |
| tblVehicleEF | LHD1 | 0.83 | 0.64 |
| tblVehicleEF | LHD1 | 2.48 | 1.03 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 9.01 | 9.00 |
| tblVehicleEF | LHD1 | 602.65 | 659.29 |
| tblVehicleEF | LHD1 | 32.51 | 11.92 |
| tblVehicleEF | LHD1 | 0.08 | 0.06 |
| tblVehicleEF | LHD1 | 1.12 | 0.75 |
| tblVehicleEF | LHD1 | 0.96 | 0.31 |
| tblVehicleEF | LHD1 | 8.6000e-004 | 7.9884e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 0.01 | 9.7335e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.1920e-003 |
| tblVehicleEF | LHD1 | 9.4900e-004 | 2.6596e-004 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 7.6429e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.4334e-003 |
| tblVehicleEF | LHD1 | 9.6970e-003 | 6.8537e-003 |
| tblVehicleEF | LHD1 | 8.7300e-004 | 2.4454e-004 |
| tblVehicleEF | LHD1 | 4.9650e-003 | 3.9659e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.08 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 2.8120e-003 | 2.2585e-003 |
| tblVehicleEF | LHD1 | 0.07 | 0.05 |
| tblVehicleEF | LHD1 | 0.30 | 0.50 |
| tblVehicleEF | LHD1 | 0.25 | 0.07 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7363e-005 |
| tblVehicleEF | LHD1 | 5.9160e-003 | 6.4344e-003 |
| tblVehicleEF | LHD1 | 3.7200e-004 | 1.1799e-004 |
| tblVehicleEF | LHD1 | 4.9650e-003 | 3.9659e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.08 |
| tblVehicleEF | LHD1 | 0.02 | 0.03 |
| tblVehicleEF | LHD1 | 2.8120e-003 | 2.2585e-003 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 0.08 | 0.06 |
| tblVehicleEF | LHD1 | 0.30 | 0.50 |
| tblVehicleEF | LHD1 | 0.27 | 0.08 |
| tblVehicleEF | LHD1 | 5.4910e-003 | 5.4499e-003 |
| tblVehicleEF | LHD1 | 0.01 | 5.3380e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.15 | 0.19 |
| tblVehicleEF | LHD1 | 0.81 | 0.62 |
| tblVehicleEF | LHD1 | 2.61 | 1.09 |
| tblVehicleEF | LHD1 | 9.01 | 9.00 |
| tblVehicleEF | LHD1 | 602.65 | 659.27 |
| tblVehicleEF | LHD1 | 32.51 | 12.02 |
| tblVehicleEF | LHD1 | 0.08 | 0.06 |
| tblVehicleEF | LHD1 | 1.18 | 0.78 |
| tblVehicleEF | LHD1 | 1.00 | 0.33 |
| tblVehicleEF | LHD1 | 8.6000e-004 | 7.9884e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 0.01 | 9.7335e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.1920e-003 |
| tblVehicleEF | LHD1 | 9.4900e-004 | 2.6596e-004 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 7.6429e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.4334e-003 |
| tblVehicleEF | LHD1 | 9.6970e-003 | 6.8537e-003 |
| tblVehicleEF | LHD1 | 8.7300e-004 | 2.4454e-004 |
| tblVehicleEF | LHD1 | 3.2290e-003 | 2.6127e-003 |
| tblVehicleEF | LHD1 | 0.12 | 0.09 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 1.8330e-003 | 1.4847e-003 |
| tblVehicleEF | LHD1 | 0.06 | 0.05 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 0.33 | 0.56 |
| tblVehicleEF | LHD1 | 0.26 | 0.08 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7363e-005 |
| tblVehicleEF | LHD1 | 5.9160e-003 | 6.4341e-003 |
| tblVehicleEF | LHD1 | 3.7400e-004 | 1.1895e-004 |
| tblVehicleEF | LHD1 | 3.2290e-003 | 2.6127e-003 |
| tblVehicleEF | LHD1 | 0.12 | 0.09 |
| tblVehicleEF | LHD1 | 0.02 | 0.03 |
| tblVehicleEF | LHD1 | 1.8330e-003 | 1.4847e-003 |
| tblVehicleEF | LHD1 | 0.08 | 0.06 |
| tblVehicleEF | LHD1 | 0.33 | 0.56 |
| tblVehicleEF | LHD1 | 0.28 | 0.08 |
| tblVehicleEF | LHD2 | 3.9270e-003 | 3.8310e-003 |
| tblVehicleEF | LHD2 | 4.1730e-003 | 3.7830e-003 |
| tblVehicleEF | LHD2 | 8.3570e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.15 |
| tblVehicleEF | LHD2 | 0.36 | 0.43 |
| tblVehicleEF | LHD2 | 1.31 | 0.72 |
| tblVehicleEF | LHD2 | 13.72 | 13.69 |
| tblVehicleEF | LHD2 | 614.66 | 663.04 |
| tblVehicleEF | LHD2 | 27.22 | 9.23 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |
| tblVehicleEF | LHD2 | 0.80 | 0.96 |
| tblVehicleEF | LHD2 | 0.55 | 0.23 |
| tblVehicleEF | LHD2 | 1.1850e-003 | 1.2740e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.5110e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.4600e-004 | 1.4900e-004 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.2190e-003 |
| tblVehicleEF | LHD2 | 2.6590e-003 | 2.6410e-003 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 9.0860e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 1.3700e-004 |
| tblVehicleEF | LHD2 | 1.1830e-003 | 1.5470e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.05 |
| tblVehicleEF | LHD2 | 0.01 | 0.02 |
| tblVehicleEF | LHD2 | 7.4900e-004 | 9.3300e-004 |
| tblVehicleEF | LHD2 | 0.05 | 0.05 |
| tblVehicleEF | LHD2 | 0.08 | 0.32 |
| tblVehicleEF | LHD2 | 0.11 | 0.05 |
| tblVehicleEF | LHD2 | 1.3400e-004 | 1.3100e-004 |
| tblVehicleEF | LHD2 | 5.9880e-003 | 6.4150e-003 |
| tblVehicleEF | LHD2 | 2.9600e-004 | 9.1000e-005 |
| tblVehicleEF | LHD2 | 1.1830e-003 | 1.5470e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.05 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 7.4900e-004 | 9.3300e-004 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.08 | 0.32 |
| tblVehicleEF | LHD2 | 0.12 | 0.06 |
| tblVehicleEF | LHD2 | 3.9270e-003 | 3.8391e-003 |
| tblVehicleEF | LHD2 | 4.2260e-003 | 3.8228e-003 |
| tblVehicleEF | LHD2 | 8.0730e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.15 |
| tblVehicleEF | LHD2 | 0.36 | 0.44 |
| tblVehicleEF | LHD2 | 1.25 | 0.69 |
| tblVehicleEF | LHD2 | 13.72 | 13.69 |
| tblVehicleEF | LHD2 | 614.66 | 663.05 |
| tblVehicleEF | LHD2 | 27.22 | 9.17 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |
| tblVehicleEF | LHD2 | 0.76 | 0.91 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 0.53 | 0.22 |
| tblVehicleEF | LHD2 | 1.1850e-003 | 1.2739e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.5110e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.4600e-004 | 1.4893e-004 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.2188e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6590e-003 | 2.6414e-003 |
| tblVehicleEF | LHD2 | 9.0860e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 1.3694e-004 |
| tblVehicleEF | LHD2 | 1.8430e-003 | 2.3965e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.05 |
| tblVehicleEF | LHD2 | 0.01 | 0.02 |
| tblVehicleEF | LHD2 | 1.1140e-003 | 1.3896e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.05 |
| tblVehicleEF | LHD2 | 0.08 | 0.31 |
| tblVehicleEF | LHD2 | 0.11 | 0.05 |
| tblVehicleEF | LHD2 | 1.3400e-004 | 1.3119e-004 |
| tblVehicleEF | LHD2 | 5.9880e-003 | 6.4148e-003 |
| tblVehicleEF | LHD2 | 2.9500e-004 | 9.0793e-005 |
| tblVehicleEF | LHD2 | 1.8430e-003 | 2.3965e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.05 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 1.1140e-003 | 1.3896e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.08 | 0.31 |
| tblVehicleEF | LHD2 | 0.12 | 0.06 |
| tblVehicleEF | LHD2 | 3.9270e-003 | 3.8293e-003 |
| tblVehicleEF | LHD2 | 4.1600e-003 | 3.7732e-003 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 8.4070e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.15 |
| tblVehicleEF | LHD2 | 0.36 | 0.43 |
| tblVehicleEF | LHD2 | 1.32 | 0.72 |
| tblVehicleEF | LHD2 | 13.72 | 13.69 |
| tblVehicleEF | LHD2 | 614.66 | 663.04 |
| tblVehicleEF | LHD2 | 27.22 | 9.24 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |
| tblVehicleEF | LHD2 | 0.79 | 0.95 |
| tblVehicleEF | LHD2 | 0.55 | 0.23 |
| tblVehicleEF | LHD2 | 1.1850e-003 | 1.2739e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.5110e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.4600e-004 | 1.4893e-004 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.2188e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6590e-003 | 2.6414e-003 |
| tblVehicleEF | LHD2 | 9.0860e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 1.3694e-004 |
| tblVehicleEF | LHD2 | 1.1570e-003 | 1.5365e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.06 |
| tblVehicleEF | LHD2 | 0.01 | 0.02 |
| tblVehicleEF | LHD2 | 7.2000e-004 | 8.9742e-004 |
| tblVehicleEF | LHD2 | 0.05 | 0.05 |
| tblVehicleEF | LHD2 | 0.09 | 0.35 |
| tblVehicleEF | LHD2 | 0.11 | 0.05 |
| tblVehicleEF | LHD2 | 1.3400e-004 | 1.3119e-004 |
| tblVehicleEF | LHD2 | 5.9880e-003 | 6.4147e-003 |
| tblVehicleEF | LHD2 | 2.9600e-004 | 9.1439e-005 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 1.1570e-003 | 1.5365e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.06 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 7.2000e-004 | 8.9742e-004 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.09 | 0.35 |
| tblVehicleEF | LHD2 | 0.12 | 0.06 |
| tblVehicleEF | MCY | 0.51 | 0.36 |
| tblVehicleEF | MCY | 0.15 | 0.24 |
| tblVehicleEF | MCY | 18.81 | 19.03 |
| tblVehicleEF | MCY | 9.64 | 8.52 |
| tblVehicleEF | MCY | 182.85 | 218.99 |
| tblVehicleEF | MCY | 44.84 | 59.80 |
| tblVehicleEF | MCY | 1.13 | 1.13 |
| tblVehicleEF | MCY | 0.31 | 0.26 |
| tblVehicleEF | MCY | 2.2780e-003 | 2.2710e-003 |
| tblVehicleEF | MCY | 3.7580e-003 | 3.1960e-003 |
| tblVehicleEF | MCY | 2.1290e-003 | 2.1230e-003 |
| tblVehicleEF | MCY | 3.5380e-003 | 3.0080e-003 |
| tblVehicleEF | MCY | 1.18 | 1.19 |
| tblVehicleEF | MCY | 0.68 | 0.70 |
| tblVehicleEF | MCY | 0.70 | 0.71 |
| tblVehicleEF | MCY | 2.47 | 2.48 |
| tblVehicleEF | MCY | 0.61 | 1.96 |
| tblVehicleEF | MCY | 2.05 | 1.82 |
| tblVehicleEF | MCY | 2.2100e-003 | 2.1670e-003 |
| tblVehicleEF | MCY | 6.6600e-004 | 5.9200e-004 |
| tblVehicleEF | MCY | 1.18 | 1.19 |
| tblVehicleEF | MCY | 0.68 | 0.70 |
| tblVehicleEF | MCY | 0.70 | 0.71 |

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|---|---|---|---|
| tblVehicleEF | MCY | 3.07 | 3.08 |
| tblVehicleEF | MCY | 0.61 | 1.96 |
| tblVehicleEF | MCY | 2.23 | 1.98 |
| tblVehicleEF | MCY | 0.50 | 0.36 |
| tblVehicleEF | MCY | 0.13 | 0.21 |
| tblVehicleEF | MCY | 18.33 | 18.52 |
| tblVehicleEF | MCY | 8.86 | 7.79 |
| tblVehicleEF | MCY | 182.85 | 217.99 |
| tblVehicleEF | MCY | 44.84 | 57.98 |
| tblVehicleEF | MCY | 0.98 | 0.99 |
| tblVehicleEF | MCY | 0.29 | 0.25 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |
| tblVehicleEF | MCY | 2.2780e-003 | 2.2712e-003 |
| tblVehicleEF | MCY | 3.7580e-003 | 3.1959e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 2.1290e-003 | 2.1228e-003 |
| tblVehicleEF | MCY | 3.5380e-003 | 3.0082e-003 |
| tblVehicleEF | MCY | 1.98 | 1.99 |
| tblVehicleEF | MCY | 0.79 | 0.81 |
| tblVehicleEF | MCY | 1.24 | 1.25 |
| tblVehicleEF | MCY | 2.42 | 2.43 |
| tblVehicleEF | MCY | 0.58 | 1.86 |
| tblVehicleEF | MCY | 1.83 | 1.61 |
| tblVehicleEF | MCY | 2.2010e-003 | 2.1572e-003 |
| tblVehicleEF | MCY | 6.4700e-004 | 5.7375e-004 |
| tblVehicleEF | MCY | 1.98 | 1.99 |
| tblVehicleEF | MCY | 0.79 | 0.81 |
| tblVehicleEF | MCY | 1.24 | 1.25 |

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|---|---|---|---|
| tblVehicleEF | MCY | 3.01 | 3.02 |
| tblVehicleEF | MCY | 0.58 | 1.86 |
| tblVehicleEF | MCY | 1.99 | 1.75 |
| tblVehicleEF | MCY | 0.51 | 0.36 |
| tblVehicleEF | MCY | 0.15 | 0.24 |
| tblVehicleEF | MCY | 18.82 | 19.04 |
| tblVehicleEF | MCY | 9.74 | 8.61 |
| tblVehicleEF | MCY | 182.85 | 219.05 |
| tblVehicleEF | MCY | 44.84 | 60.06 |
| tblVehicleEF | MCY | 1.10 | 1.10 |
| tblVehicleEF | MCY | 0.31 | 0.27 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |
| tblVehicleEF | MCY | 2.2780e-003 | 2.2712e-003 |
| tblVehicleEF | MCY | 3.7580e-003 | 3.1959e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 2.1290e-003 | 2.1228e-003 |
| tblVehicleEF | MCY | 3.5380e-003 | 3.0082e-003 |
| tblVehicleEF | MCY | 1.26 | 1.27 |
| tblVehicleEF | MCY | 0.87 | 0.89 |
| tblVehicleEF | MCY | 0.67 | 0.68 |
| tblVehicleEF | MCY | 2.48 | 2.49 |
| tblVehicleEF | MCY | 0.70 | 2.25 |
| tblVehicleEF | MCY | 2.08 | 1.85 |
| tblVehicleEF | MCY | 2.2110e-003 | 2.1677e-003 |
| tblVehicleEF | MCY | 6.6900e-004 | 5.9430e-004 |
| tblVehicleEF | MCY | 1.26 | 1.27 |
| tblVehicleEF | MCY | 0.87 | 0.89 |
| tblVehicleEF | MCY | 0.67 | 0.68 |

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|---|---|---|---|
| tblVehicleEF | MCY | 3.08 | 3.09 |
| tblVehicleEF | MCY | 0.70 | 2.25 |
| tblVehicleEF | MCY | 2.27 | 2.01 |
| tblVehicleEF | MDV | 0.01 | 5.8710e-003 |
| tblVehicleEF | MDV | 0.01 | 0.08 |
| tblVehicleEF | MDV | 1.28 | 1.14 |
| tblVehicleEF | MDV | 2.55 | 3.08 |
| tblVehicleEF | MDV | 499.57 | 414.41 |
| tblVehicleEF | MDV | 104.47 | 83.86 |
| tblVehicleEF | MDV | 0.14 | 0.11 |
| tblVehicleEF | MDV | 0.23 | 0.34 |
| tblVehicleEF | MDV | 2.1350e-003 | 1.8900e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.0050e-003 |
| tblVehicleEF | MDV | 1.9680e-003 | 1.7430e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 1.8440e-003 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.16 | 0.14 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.03 | 0.03 |
| tblVehicleEF | MDV | 0.09 | 0.44 |
| tblVehicleEF | MDV | 0.19 | 0.40 |
| tblVehicleEF | MDV | 5.0040e-003 | 4.0970e-003 |
| tblVehicleEF | MDV | 1.0890e-003 | 8.3000e-004 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.16 | 0.14 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.05 | 0.04 |
| tblVehicleEF | MDV | 0.09 | 0.44 |
| tblVehicleEF | MDV | 0.21 | 0.44 |
| tblVehicleEF | MDV | 0.01 | 6.3076e-003 |

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|---|---|---|---|
| tblVehicleEF | MDV | 0.01 | 0.07 |
| tblVehicleEF | MDV | 1.43 | 1.27 |
| tblVehicleEF | MDV | 2.19 | 2.63 |
| tblVehicleEF | MDV | 525.12 | 429.09 |
| tblVehicleEF | MDV | 104.47 | 83.00 |
| tblVehicleEF | MDV | 0.13 | 0.09 |
| tblVehicleEF | MDV | 0.22 | 0.32 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.1350e-003 | 1.8904e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.0047e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 1.9680e-003 | 1.7429e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 1.8436e-003 |
| tblVehicleEF | MDV | 0.12 | 0.15 |
| tblVehicleEF | MDV | 0.17 | 0.15 |
| tblVehicleEF | MDV | 0.11 | 0.14 |
| tblVehicleEF | MDV | 0.03 | 0.03 |
| tblVehicleEF | MDV | 0.09 | 0.41 |
| tblVehicleEF | MDV | 0.17 | 0.35 |
| tblVehicleEF | MDV | 5.2610e-003 | 4.2423e-003 |
| tblVehicleEF | MDV | 1.0830e-003 | 8.2131e-004 |
| tblVehicleEF | MDV | 0.12 | 0.15 |
| tblVehicleEF | MDV | 0.17 | 0.15 |
| tblVehicleEF | MDV | 0.11 | 0.14 |
| tblVehicleEF | MDV | 0.05 | 0.04 |
| tblVehicleEF | MDV | 0.09 | 0.41 |
| tblVehicleEF | MDV | 0.19 | 0.39 |
| tblVehicleEF | MDV | 0.01 | 5.7419e-003 |

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|---|---|---|---|
| tblVehicleEF | MDV | 0.01 | 0.08 |
| tblVehicleEF | MDV | 1.23 | 1.10 |
| tblVehicleEF | MDV | 2.62 | 3.17 |
| tblVehicleEF | MDV | 491.18 | 409.59 |
| tblVehicleEF | MDV | 104.47 | 84.04 |
| tblVehicleEF | MDV | 0.14 | 0.10 |
| tblVehicleEF | MDV | 0.23 | 0.35 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.1350e-003 | 1.8904e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.0047e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 1.9680e-003 | 1.7429e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 1.8436e-003 |
| tblVehicleEF | MDV | 0.07 | 0.08 |
| tblVehicleEF | MDV | 0.17 | 0.15 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.03 | 0.02 |
| tblVehicleEF | MDV | 0.11 | 0.51 |
| tblVehicleEF | MDV | 0.20 | 0.41 |
| tblVehicleEF | MDV | 4.9200e-003 | 4.0493e-003 |
| tblVehicleEF | MDV | 1.0910e-003 | 8.3162e-004 |
| tblVehicleEF | MDV | 0.07 | 0.08 |
| tblVehicleEF | MDV | 0.17 | 0.15 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 0.11 | 0.51 |
| tblVehicleEF | MDV | 0.22 | 0.45 |
| tblVehicleEF | MH | 0.03 | 9.6750e-003 |

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|---|---|---|---|
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 2.16 | 1.16 |
| tblVehicleEF | MH | 5.59 | 2.07 |
| tblVehicleEF | MH | 1,102.49 | 1,478.68 |
| tblVehicleEF | MH | 59.08 | 18.78 |
| tblVehicleEF | MH | 1.23 | 1.26 |
| tblVehicleEF | MH | 0.79 | 0.24 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.03 |
| tblVehicleEF | MH | 1.0760e-003 | 2.6200e-004 |
| tblVehicleEF | MH | 3.2190e-003 | 3.2690e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 9.9000e-004 | 2.4100e-004 |
| tblVehicleEF | MH | 1.05 | 0.90 |
| tblVehicleEF | MH | 0.07 | 0.06 |
| tblVehicleEF | MH | 0.43 | 0.36 |
| tblVehicleEF | MH | 0.08 | 0.06 |
| tblVehicleEF | MH | 0.02 | 1.37 |
| tblVehicleEF | MH | 0.32 | 0.09 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 6.8800e-004 | 1.8600e-004 |
| tblVehicleEF | MH | 1.05 | 0.90 |
| tblVehicleEF | MH | 0.07 | 0.06 |
| tblVehicleEF | MH | 0.43 | 0.36 |
| tblVehicleEF | MH | 0.12 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.37 |
| tblVehicleEF | MH | 0.35 | 0.10 |
| tblVehicleEF | MH | 0.03 | 9.8973e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 2.22 | 1.19 |

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|---|---|---|---|
| tblVehicleEF | MH | 5.25 | 1.95 |
| tblVehicleEF | MH | 1,102.49 | 1,478.73 |
| tblVehicleEF | MH | 59.08 | 18.58 |
| tblVehicleEF | MH | 1.13 | 1.17 |
| tblVehicleEF | MH | 0.76 | 0.23 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.03 |
| tblVehicleEF | MH | 1.0760e-003 | 2.6221e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.2190e-003 | 3.2685e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 9.9000e-004 | 2.4109e-004 |
| tblVehicleEF | MH | 1.62 | 1.38 |
| tblVehicleEF | MH | 0.07 | 0.06 |
| tblVehicleEF | MH | 0.66 | 0.56 |
| tblVehicleEF | MH | 0.09 | 0.06 |
| tblVehicleEF | MH | 0.02 | 1.35 |
| tblVehicleEF | MH | 0.31 | 0.09 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 6.8200e-004 | 1.8387e-004 |
| tblVehicleEF | MH | 1.62 | 1.38 |
| tblVehicleEF | MH | 0.07 | 0.06 |
| tblVehicleEF | MH | 0.66 | 0.56 |
| tblVehicleEF | MH | 0.12 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.35 |
| tblVehicleEF | MH | 0.34 | 0.10 |
| tblVehicleEF | MH | 0.03 | 9.6224e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 2.14 | 1.15 |

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|---|---|---|---|
| tblVehicleEF | MH | 5.64 | 2.08 |
| tblVehicleEF | MH | 1,102.49 | 1,478.67 |
| tblVehicleEF | MH | 59.08 | 18.81 |
| tblVehicleEF | MH | 1.20 | 1.23 |
| tblVehicleEF | MH | 0.79 | 0.24 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.03 |
| tblVehicleEF | MH | 1.0760e-003 | 2.6221e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.2190e-003 | 3.2685e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 9.9000e-004 | 2.4109e-004 |
| tblVehicleEF | MH | 1.15 | 0.97 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.43 | 0.37 |
| tblVehicleEF | MH | 0.08 | 0.06 |
| tblVehicleEF | MH | 0.02 | 1.45 |
| tblVehicleEF | MH | 0.32 | 0.09 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 6.8900e-004 | 1.8619e-004 |
| tblVehicleEF | MH | 1.15 | 0.97 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.43 | 0.37 |
| tblVehicleEF | MH | 0.11 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.45 |
| tblVehicleEF | MH | 0.35 | 0.10 |
| tblVehicleEF | MHD | 0.02 | 4.1960e-003 |
| tblVehicleEF | MHD | 4.1830e-003 | 4.0320e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |

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|---|---|---|---|
| tblVehicleEF | MHD | 0.36 | 0.38 |
| tblVehicleEF | MHD | 0.33 | 0.41 |
| tblVehicleEF | MHD | 5.78 | 1.27 |
| tblVehicleEF | MHD | 140.95 | 64.96 |
| tblVehicleEF | MHD | 1,135.28 | 1,044.05 |
| tblVehicleEF | MHD | 59.98 | 11.27 |
| tblVehicleEF | MHD | 0.52 | 0.46 |
| tblVehicleEF | MHD | 1.09 | 1.57 |
| tblVehicleEF | MHD | 10.59 | 1.31 |
| tblVehicleEF | MHD | 3.2100e-004 | 1.0750e-003 |
| tblVehicleEF | MHD | 5.1490e-003 | 0.03 |
| tblVehicleEF | MHD | 7.9400e-004 | 1.2100e-004 |
| tblVehicleEF | MHD | 3.0700e-004 | 1.0280e-003 |
| tblVehicleEF | MHD | 4.9220e-003 | 0.03 |
| tblVehicleEF | MHD | 7.3000e-004 | 1.1200e-004 |
| tblVehicleEF | MHD | 1.1590e-003 | 5.9600e-004 |
| tblVehicleEF | MHD | 0.04 | 0.02 |
| tblVehicleEF | MHD | 0.03 | 0.02 |
| tblVehicleEF | MHD | 7.2500e-004 | 3.7500e-004 |
| tblVehicleEF | MHD | 0.04 | 0.06 |
| tblVehicleEF | MHD | 0.02 | 0.12 |
| tblVehicleEF | MHD | 0.35 | 0.06 |
| tblVehicleEF | MHD | 1.3570e-003 | 6.1700e-004 |
| tblVehicleEF | MHD | 0.01 | 9.9730e-003 |
| tblVehicleEF | MHD | 7.0100e-004 | 1.1200e-004 |
| tblVehicleEF | MHD | 1.1590e-003 | 5.9600e-004 |
| tblVehicleEF | MHD | 0.04 | 0.02 |
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 7.2500e-004 | 3.7500e-004 |
| tblVehicleEF | MHD | 0.05 | 0.07 |

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|---|---|---|---|
| tblVehicleEF | MHD | 0.02 | 0.12 |
| tblVehicleEF | MHD | 0.39 | 0.06 |
| tblVehicleEF | MHD | 0.02 | 3.9786e-003 |
| tblVehicleEF | MHD | 4.2400e-003 | 4.0723e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |
| tblVehicleEF | MHD | 0.26 | 0.31 |
| tblVehicleEF | MHD | 0.33 | 0.42 |
| tblVehicleEF | MHD | 5.50 | 1.21 |
| tblVehicleEF | MHD | 149.29 | 65.72 |
| tblVehicleEF | MHD | 1,135.28 | 1,044.05 |
| tblVehicleEF | MHD | 59.98 | 11.16 |
| tblVehicleEF | MHD | 0.54 | 0.46 |
| tblVehicleEF | MHD | 1.03 | 1.48 |
| tblVehicleEF | MHD | 10.55 | 1.31 |
| tblVehicleEF | MHD | 2.7000e-004 | 9.0840e-004 |
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 5.1490e-003 | 0.03 |
| tblVehicleEF | MHD | 7.9400e-004 | 1.2136e-004 |
| tblVehicleEF | MHD | 2.5900e-004 | 8.6911e-004 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 4.9220e-003 | 0.03 |
| tblVehicleEF | MHD | 7.3000e-004 | 1.1159e-004 |
| tblVehicleEF | MHD | 1.8110e-003 | 9.2226e-004 |
| tblVehicleEF | MHD | 0.05 | 0.02 |
| tblVehicleEF | MHD | 0.02 | 0.02 |
| tblVehicleEF | MHD | 1.0870e-003 | 5.5868e-004 |
| tblVehicleEF | MHD | 0.04 | 0.06 |
| tblVehicleEF | MHD | 0.02 | 0.12 |

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|---|---|---|---|
| tblVehicleEF | MHD | 0.34 | 0.06 |
| tblVehicleEF | MHD | 1.4350e-003 | 6.2465e-004 |
| tblVehicleEF | MHD | 0.01 | 9.9736e-003 |
| tblVehicleEF | MHD | 6.9600e-004 | 1.1048e-004 |
| tblVehicleEF | MHD | 1.8110e-003 | 9.2226e-004 |
| tblVehicleEF | MHD | 0.05 | 0.02 |
| tblVehicleEF | MHD | 0.03 | 0.03 |
| tblVehicleEF | MHD | 1.0870e-003 | 5.5868e-004 |
| tblVehicleEF | MHD | 0.05 | 0.07 |
| tblVehicleEF | MHD | 0.02 | 0.12 |
| tblVehicleEF | MHD | 0.37 | 0.06 |
| tblVehicleEF | MHD | 0.02 | 4.5103e-003 |
| tblVehicleEF | MHD | 4.1660e-003 | 4.0186e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |
| tblVehicleEF | MHD | 0.49 | 0.47 |
| tblVehicleEF | MHD | 0.33 | 0.41 |
| tblVehicleEF | MHD | 5.84 | 1.28 |
| tblVehicleEF | MHD | 129.42 | 63.91 |
| tblVehicleEF | MHD | 1,135.28 | 1,044.04 |
| tblVehicleEF | MHD | 59.98 | 11.29 |
| tblVehicleEF | MHD | 0.50 | 0.46 |
| tblVehicleEF | MHD | 1.07 | 1.54 |
| tblVehicleEF | MHD | 10.59 | 1.31 |
| tblVehicleEF | MHD | 3.9000e-004 | 1.3042e-003 |
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 5.1490e-003 | 0.03 |
| tblVehicleEF | MHD | 7.9400e-004 | 1.2136e-004 |
| tblVehicleEF | MHD | 3.7300e-004 | 1.2478e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |

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|---|---|---|---|
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 4.9220e-003 | 0.03 |
| tblVehicleEF | MHD | 7.3000e-004 | 1.1159e-004 |
| tblVehicleEF | MHD | 1.1430e-003 | 5.9436e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.03 | 0.02 |
| tblVehicleEF | MHD | 6.9800e-004 | 3.6353e-004 |
| tblVehicleEF | MHD | 0.04 | 0.06 |
| tblVehicleEF | MHD | 0.02 | 0.13 |
| tblVehicleEF | MHD | 0.36 | 0.06 |
| tblVehicleEF | MHD | 1.2480e-003 | 6.0712e-004 |
| tblVehicleEF | MHD | 0.01 | 9.9735e-003 |
| tblVehicleEF | MHD | 7.0200e-004 | 1.1173e-004 |
| tblVehicleEF | MHD | 1.1430e-003 | 5.9436e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 6.9800e-004 | 3.6353e-004 |
| tblVehicleEF | MHD | 0.05 | 0.07 |
| tblVehicleEF | MHD | 0.02 | 0.13 |
| tblVehicleEF | MHD | 0.39 | 0.07 |
| tblVehicleEF | OBUS | 0.01 | 8.5600e-003 |
| tblVehicleEF | OBUS | 7.6080e-003 | 6.8620e-003 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.28 | 0.57 |
| tblVehicleEF | OBUS | 0.52 | 0.78 |
| tblVehicleEF | OBUS | 5.46 | 2.41 |
| tblVehicleEF | OBUS | 101.26 | 88.88 |
| tblVehicleEF | OBUS | 1,235.74 | 1,389.18 |
| tblVehicleEF | OBUS | 68.49 | 19.57 |
| tblVehicleEF | OBUS | 0.45 | 0.43 |

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|---|---|---|---|
| tblVehicleEF | OBUS | 1.44 | 1.49 |
| tblVehicleEF | OBUS | 2.43 | 0.73 |
| tblVehicleEF | OBUS | 1.0100e-004 | 7.3900e-004 |
| tblVehicleEF | OBUS | 6.9700e-003 | 0.02 |
| tblVehicleEF | OBUS | 8.2900e-004 | 1.9900e-004 |
| tblVehicleEF | OBUS | 9.7000e-005 | 7.0700e-004 |
| tblVehicleEF | OBUS | 6.6520e-003 | 0.02 |
| tblVehicleEF | OBUS | 7.6200e-004 | 1.8300e-004 |
| tblVehicleEF | OBUS | 1.5340e-003 | 1.9530e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.05 |
| tblVehicleEF | OBUS | 7.9200e-004 | 9.7400e-004 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 0.04 | 0.26 |
| tblVehicleEF | OBUS | 0.34 | 0.12 |
| tblVehicleEF | OBUS | 9.7800e-004 | 8.4600e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 7.8100e-004 | 1.9400e-004 |
| tblVehicleEF | OBUS | 1.5340e-003 | 1.9530e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.05 | 0.07 |
| tblVehicleEF | OBUS | 7.9200e-004 | 9.7400e-004 |
| tblVehicleEF | OBUS | 0.07 | 0.08 |
| tblVehicleEF | OBUS | 0.04 | 0.26 |
| tblVehicleEF | OBUS | 0.37 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 8.6168e-003 |
| tblVehicleEF | OBUS | 7.7360e-003 | 6.9838e-003 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.26 | 0.56 |
| tblVehicleEF | OBUS | 0.53 | 0.79 |

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|---|---|---|---|
| tblVehicleEF | OBUS | 5.16 | 2.27 |
| tblVehicleEF | OBUS | 106.28 | 88.75 |
| tblVehicleEF | OBUS | 1,235.74 | 1,389.21 |
| tblVehicleEF | OBUS | 68.49 | 19.34 |
| tblVehicleEF | OBUS | 0.47 | 0.42 |
| tblVehicleEF | OBUS | 1.35 | 1.40 |
| tblVehicleEF | OBUS | 2.39 | 0.72 |
| tblVehicleEF | OBUS | 8.5000e-005 | 6.2834e-004 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 6.9700e-003 | 0.02 |
| tblVehicleEF | OBUS | 8.2900e-004 | 1.9895e-004 |
| tblVehicleEF | OBUS | 8.1000e-005 | 6.0116e-004 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 6.6520e-003 | 0.02 |
| tblVehicleEF | OBUS | 7.6200e-004 | 1.8293e-004 |
| tblVehicleEF | OBUS | 2.3330e-003 | 2.9398e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.06 |
| tblVehicleEF | OBUS | 1.1860e-003 | 1.4442e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.33 | 0.11 |
| tblVehicleEF | OBUS | 1.0260e-003 | 8.4477e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 7.7500e-004 | 1.9139e-004 |
| tblVehicleEF | OBUS | 2.3330e-003 | 2.9398e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.05 | 0.07 |

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| tblVehicleEF | OBUS | 1.1860e-003 | 1.4442e-003 |
| tblVehicleEF | OBUS | 0.07 | 0.08 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.36 | 0.12 |
| tblVehicleEF | OBUS | 0.01 | 8.5020e-003 |
| tblVehicleEF | OBUS | 7.5760e-003 | 6.8295e-003 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.30 | 0.59 |
| tblVehicleEF | OBUS | 0.52 | 0.77 |
| tblVehicleEF | OBUS | 5.52 | 2.43 |
| tblVehicleEF | OBUS | 94.33 | 89.05 |
| tblVehicleEF | OBUS | 1,235.74 | 1,389.17 |
| tblVehicleEF | OBUS | 68.49 | 19.61 |
| tblVehicleEF | OBUS | 0.43 | 0.44 |
| tblVehicleEF | OBUS | 1.42 | 1.46 |
| tblVehicleEF | OBUS | 2.43 | 0.73 |
| tblVehicleEF | OBUS | 1.2300e-004 | 8.9290e-004 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 6.9700e-003 | 0.02 |
| tblVehicleEF | OBUS | 8.2900e-004 | 1.9895e-004 |
| tblVehicleEF | OBUS | 1.1800e-004 | 8.5428e-004 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 6.6520e-003 | 0.02 |
| tblVehicleEF | OBUS | 7.6200e-004 | 1.8293e-004 |
| tblVehicleEF | OBUS | 1.5400e-003 | 2.0059e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.05 |
| tblVehicleEF | OBUS | 7.7300e-004 | 9.6051e-004 |

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| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 0.04 | 0.28 |
| tblVehicleEF | OBUS | 0.34 | 0.12 |
| tblVehicleEF | OBUS | 9.1200e-004 | 8.4763e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 7.8200e-004 | 1.9407e-004 |
| tblVehicleEF | OBUS | 1.5400e-003 | 2.0059e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.05 | 0.07 |
| tblVehicleEF | OBUS | 7.7300e-004 | 9.6051e-004 |
| tblVehicleEF | OBUS | 0.07 | 0.08 |
| tblVehicleEF | OBUS | 0.04 | 0.28 |
| tblVehicleEF | OBUS | 0.38 | 0.13 |
| tblVehicleEF | SBUS | 0.84 | 0.07 |
| tblVehicleEF | SBUS | 0.01 | 7.8090e-003 |
| tblVehicleEF | SBUS | 0.07 | 6.9140e-003 |
| tblVehicleEF | SBUS | 7.94 | 2.95 |
| tblVehicleEF | SBUS | 0.75 | 0.68 |
| tblVehicleEF | SBUS | 7.34 | 0.95 |
| tblVehicleEF | SBUS | 1,132.35 | 356.10 |
| tblVehicleEF | SBUS | 1,090.38 | 1,104.99 |
| tblVehicleEF | SBUS | 53.84 | 5.77 |
| tblVehicleEF | SBUS | 9.37 | 3.33 |
| tblVehicleEF | SBUS | 4.27 | 4.96 |
| tblVehicleEF | SBUS | 12.37 | 0.82 |
| tblVehicleEF | SBUS | 9.5120e-003 | 4.3000e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.5100e-004 | 5.4000e-005 |
| tblVehicleEF | SBUS | 9.1010e-003 | 4.1140e-003 |

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| tblVehicleEF | SBUS | 6.9100e-004 | 4.9000e-005 |
| tblVehicleEF | SBUS | 3.6290e-003 | 1.1130e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.1650e-003 |
| tblVehicleEF | SBUS | 0.95 | 0.34 |
| tblVehicleEF | SBUS | 1.8660e-003 | 5.7300e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.10 |
| tblVehicleEF | SBUS | 0.01 | 0.06 |
| tblVehicleEF | SBUS | 0.39 | 0.04 |
| tblVehicleEF | SBUS | 0.01 | 3.4000e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.6500e-004 | 5.7000e-005 |
| tblVehicleEF | SBUS | 3.6290e-003 | 1.1130e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.1650e-003 |
| tblVehicleEF | SBUS | 1.36 | 0.49 |
| tblVehicleEF | SBUS | 1.8660e-003 | 5.7300e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.12 |
| tblVehicleEF | SBUS | 0.01 | 0.06 |
| tblVehicleEF | SBUS | 0.42 | 0.04 |
| tblVehicleEF | SBUS | 0.84 | 0.07 |
| tblVehicleEF | SBUS | 0.01 | 7.9022e-003 |
| tblVehicleEF | SBUS | 0.06 | 6.0748e-003 |
| tblVehicleEF | SBUS | 7.82 | 2.91 |
| tblVehicleEF | SBUS | 0.76 | 0.69 |
| tblVehicleEF | SBUS | 5.84 | 0.75 |
| tblVehicleEF | SBUS | 1,183.85 | 364.72 |
| tblVehicleEF | SBUS | 1,090.38 | 1,105.01 |
| tblVehicleEF | SBUS | 53.84 | 5.44 |
| tblVehicleEF | SBUS | 9.67 | 3.40 |

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| tblVehicleEF | SBUS | 12.34 | 0.81 |
| tblVehicleEF | SBUS | 8.0190e-003 | 3.6321e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.5100e-004 | 5.3615e-005 |
| tblVehicleEF | SBUS | 7.6720e-003 | 3.4750e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.6840e-003 | 2.6612e-003 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 6.9100e-004 | 4.9297e-005 |
| tblVehicleEF | SBUS | 5.6260e-003 | 1.7224e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.3972e-003 |
| tblVehicleEF | SBUS | 0.94 | 0.34 |
| tblVehicleEF | SBUS | 2.8700e-003 | 8.7954e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.10 |
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.34 | 0.04 |
| tblVehicleEF | SBUS | 0.01 | 3.4810e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.4000e-004 | 5.3826e-005 |
| tblVehicleEF | SBUS | 5.6260e-003 | 1.7224e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.3972e-003 |
| tblVehicleEF | SBUS | 1.36 | 0.49 |
| tblVehicleEF | SBUS | 2.8700e-003 | 8.7954e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.12 |
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.37 | 0.04 |
| tblVehicleEF | SBUS | 0.84 | 0.07 |

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|---|---|---|---|
| tblVehicleEF | SBUS | 0.01 | 7.7871e-003 |
| tblVehicleEF | SBUS | 0.07 | 7.0886e-003 |
| tblVehicleEF | SBUS | 8.10 | 3.00 |
| tblVehicleEF | SBUS | 0.75 | 0.67 |
| tblVehicleEF | SBUS | 7.60 | 0.98 |
| tblVehicleEF | SBUS | 1,061.23 | 344.19 |
| tblVehicleEF | SBUS | 1,090.38 | 1,104.99 |
| tblVehicleEF | SBUS | 53.84 | 5.82 |
| tblVehicleEF | SBUS | 8.96 | 3.22 |
| tblVehicleEF | SBUS | 4.20 | 4.88 |
| tblVehicleEF | SBUS | 12.37 | 0.82 |
| tblVehicleEF | SBUS | 0.01 | 5.2229e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.5100e-004 | 5.3615e-005 |
| tblVehicleEF | SBUS | 0.01 | 4.9969e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.6840e-003 | 2.6612e-003 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 6.9100e-004 | 4.9297e-005 |
| tblVehicleEF | SBUS | 3.5410e-003 | 1.0863e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.6015e-003 |
| tblVehicleEF | SBUS | 0.95 | 0.34 |
| tblVehicleEF | SBUS | 1.8040e-003 | 5.5621e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.10 |
| tblVehicleEF | SBUS | 0.02 | 0.07 |
| tblVehicleEF | SBUS | 0.40 | 0.04 |
| tblVehicleEF | SBUS | 0.01 | 3.2870e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |

| | | | |
|---|---|---|---|
| tblVehicleEF | SBUS | 6.7000e-004 | 5.7598e-005 |
| tblVehicleEF | SBUS | 3.5410e-003 | 1.0863e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.6015e-003 |
| tblVehicleEF | SBUS | 1.37 | 0.49 |
| tblVehicleEF | SBUS | 1.8040e-003 | 5.5621e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.12 |
| tblVehicleEF | SBUS | 0.02 | 0.07 |
| tblVehicleEF | SBUS | 0.44 | 0.04 |
| tblVehicleEF | UBUS | 2.35 | 5.43 |
| tblVehicleEF | UBUS | 0.06 | 0.02 |
| tblVehicleEF | UBUS | 10.43 | 42.26 |
| tblVehicleEF | UBUS | 10.25 | 0.95 |
| tblVehicleEF | UBUS | 1,922.34 | 1,952.53 |
| tblVehicleEF | UBUS | 110.12 | 11.60 |
| tblVehicleEF | UBUS | 8.39 | 0.45 |
| tblVehicleEF | UBUS | 14.66 | 0.12 |
| tblVehicleEF | UBUS | 0.58 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.11 | 3.0740e-003 |
| tblVehicleEF | UBUS | 1.1660e-003 | 6.0000e-005 |
| tblVehicleEF | UBUS | 0.25 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.5900e-003 |
| tblVehicleEF | UBUS | 0.10 | 2.9360e-003 |
| tblVehicleEF | UBUS | 1.0720e-003 | 5.5000e-005 |
| tblVehicleEF | UBUS | 5.1000e-003 | 9.7700e-004 |
| tblVehicleEF | UBUS | 0.08 | 0.01 |
| tblVehicleEF | UBUS | 2.8840e-003 | 7.6500e-004 |
| tblVehicleEF | UBUS | 0.74 | 0.08 |
| tblVehicleEF | UBUS | 0.02 | 0.08 |
| tblVehicleEF | UBUS | 0.79 | 0.07 |

| | | | |
|---|---|---|---|
| tblVehicleEF | UBUS | 9.5950e-003 | 2.3120e-003 |
| tblVehicleEF | UBUS | 1.2860e-003 | 1.1500e-004 |
| tblVehicleEF | UBUS | 5.1000e-003 | 9.7700e-004 |
| tblVehicleEF | UBUS | 0.08 | 0.01 |
| tblVehicleEF | UBUS | 2.8840e-003 | 7.6500e-004 |
| tblVehicleEF | UBUS | 3.18 | 5.55 |
| tblVehicleEF | UBUS | 0.02 | 0.08 |
| tblVehicleEF | UBUS | 0.86 | 0.07 |
| tblVehicleEF | UBUS | 2.36 | 5.43 |
| tblVehicleEF | UBUS | 0.05 | 0.01 |
| tblVehicleEF | UBUS | 10.48 | 42.26 |
| tblVehicleEF | UBUS | 8.90 | 0.83 |
| tblVehicleEF | UBUS | 1,922.34 | 1,952.53 |
| tblVehicleEF | UBUS | 110.12 | 11.40 |
| tblVehicleEF | UBUS | 7.90 | 0.45 |
| tblVehicleEF | UBUS | 14.60 | 0.11 |
| tblVehicleEF | UBUS | 0.58 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.11 | 3.0743e-003 |
| tblVehicleEF | UBUS | 1.1660e-003 | 5.9592e-005 |
| tblVehicleEF | UBUS | 0.25 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.5896e-003 |
| tblVehicleEF | UBUS | 0.10 | 2.9364e-003 |
| tblVehicleEF | UBUS | 1.0720e-003 | 5.4793e-005 |
| tblVehicleEF | UBUS | 7.6030e-003 | 1.4423e-003 |
| tblVehicleEF | UBUS | 0.08 | 0.01 |
| tblVehicleEF | UBUS | 4.3100e-003 | 1.1013e-003 |
| tblVehicleEF | UBUS | 0.75 | 0.08 |
| tblVehicleEF | UBUS | 0.02 | 0.07 |
| tblVehicleEF | UBUS | 0.72 | 0.06 |

| | | | |
|---|---|---|---|
| tblVehicleEF | UBUS | 9.5960e-003 | 2.3120e-003 |
| tblVehicleEF | UBUS | 1.2630e-003 | 1.1277e-004 |
| tblVehicleEF | UBUS | 7.6030e-003 | 1.4423e-003 |
| tblVehicleEF | UBUS | 0.08 | 0.01 |
| tblVehicleEF | UBUS | 4.3100e-003 | 1.1013e-003 |
| tblVehicleEF | UBUS | 3.19 | 5.55 |
| tblVehicleEF | UBUS | 0.02 | 0.07 |
| tblVehicleEF | UBUS | 0.79 | 0.07 |
| tblVehicleEF | UBUS | 2.35 | 5.43 |
| tblVehicleEF | UBUS | 0.06 | 0.02 |
| tblVehicleEF | UBUS | 10.41 | 42.26 |
| tblVehicleEF | UBUS | 10.46 | 0.96 |
| tblVehicleEF | UBUS | 1,922.34 | 1,952.53 |
| tblVehicleEF | UBUS | 110.12 | 11.63 |
| tblVehicleEF | UBUS | 8.23 | 0.45 |
| tblVehicleEF | UBUS | 14.67 | 0.12 |
| tblVehicleEF | UBUS | 0.58 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.11 | 3.0743e-003 |
| tblVehicleEF | UBUS | 1.1660e-003 | 5.9592e-005 |
| tblVehicleEF | UBUS | 0.25 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.5896e-003 |
| tblVehicleEF | UBUS | 0.10 | 2.9364e-003 |
| tblVehicleEF | UBUS | 1.0720e-003 | 5.4793e-005 |
| tblVehicleEF | UBUS | 5.5780e-003 | 9.5046e-004 |
| tblVehicleEF | UBUS | 0.10 | 0.01 |
| tblVehicleEF | UBUS | 2.9770e-003 | 7.3313e-004 |
| tblVehicleEF | UBUS | 0.74 | 0.08 |
| tblVehicleEF | UBUS | 0.03 | 0.10 |
| tblVehicleEF | UBUS | 0.80 | 0.07 |

| | | | |
|---|---|---|---|
| tblVehicleEF | UBUS | 9.5950e-003 | 2.3120e-003 |
| tblVehicleEF | UBUS | 1.2900e-003 | 1.1506e-004 |
| tblVehicleEF | UBUS | 5.5780e-003 | 9.5046e-004 |
| tblVehicleEF | UBUS | 0.10 | 0.01 |
| tblVehicleEF | UBUS | 2.9770e-003 | 7.3313e-004 |
| tblVehicleEF | UBUS | 3.18 | 5.55 |
| tblVehicleEF | UBUS | 0.03 | 0.10 |
| tblVehicleEF | UBUS | 0.88 | 0.07 |
| tblVehicleTrips | ST_TR | 8.19 | 8.36 |
| tblVehicleTrips | SU_TR | 5.95 | 8.36 |
| tblVehicleTrips | WD_TR | 8.17 | 8.36 |

## 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 | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| Energy | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| Mobile | 4.8972 | 4.2426 | 35.9422 | 0.0753 | 7.3560 | 0.0640 | 7.4200 | 1.9603 | 0.0597 | 2.0200 | | 7,668.2482 | 7,668.2482 | 0.5165 | | 7,681.1604 |
| **Total** | **7.7273** | **5.0288** | **36.6414** | **0.0800** | **7.3560** | **0.1238** | **7.4799** | **1.9603** | **0.1196** | **2.0799** | | **8,611.3006** | **8,611.3006** | **0.5348** | **0.0173** | **8,629.8219** |

**Mitigated Operational**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| Energy | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| Mobile | 4.8972 | 4.2426 | 35.9422 | 0.0753 | 7.3560 | 0.0640 | 7.4200 | 1.9603 | 0.0597 | 2.0200 | | 7,668.2482 | 7,668.2482 | 0.5165 | | 7,681.1604 |
| **Total** | **7.7273** | **5.0288** | **36.6414** | **0.0800** | **7.3560** | **0.1238** | **7.4799** | **1.9603** | **0.1196** | **2.0799** | | **8,611.3006** | **8,611.3006** | **0.5348** | **0.0173** | **8,629.8219** |

| | ROG | NOx | 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** |

# 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 | 4.8972 | 4.2426 | 35.9422 | 0.0753 | 7.3560 | 0.0640 | 7.4200 | 1.9603 | 0.0597 | 2.0200 | | 7,668.2482 | 7,668.2482 | 0.5165 | | 7,681.1604 |
| Unmitigated | 4.8972 | 4.2426 | 35.9422 | 0.0753 | 7.3560 | 0.0640 | 7.4200 | 1.9603 | 0.0597 | 2.0200 | | 7,668.2482 | 7,668.2482 | 0.5165 | | 7,681.1604 |

## 4.2 Trip Summary Information

| | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|---|---|---|---|---|---|
| Land Use | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Enclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | | |
| Hotel | 1,463.00 | 1,463.00 | 1463.00 | 3,490,968 | 3,490,968 |
| Total | 1,463.00 | 1,463.00 | 1,463.00 | 3,490,968 | 3,490,968 |

## 4.3 Trip Type Information

| | Miles | | | Trip % | | | Trip Purpose % | | |
|---|---|---|---|---|---|---|---|---|---|
| Land Use | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| Enclosed Parking with Elevator | 16.60 | 8.40 | 6.90 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| Hotel | 16.60 | 8.40 | 6.90 | 19.40 | 61.60 | 19.00 | 58 | 38 | 4 |

## 4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Enclosed Parking with Elevator | 0.543376 | 0.059966 | 0.184357 | 0.131187 | 0.023843 | 0.006245 | 0.012012 | 0.009162 | 0.000826 | 0.000515 | 0.023898 | 0.000748 | 0.003864 |
| Hotel | 0.543376 | 0.059966 | 0.184357 | 0.131187 | 0.023843 | 0.006245 | 0.012012 | 0.009162 | 0.000826 | 0.000515 | 0.023898 | 0.000748 | 0.003864 |

# 5.0 Energy Detail

Historical Energy Use: N

## 5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| NaturalGas Unmitigated | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |

## 5.2 Energy by Land Use - NaturalGas

**Unmitigated**

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| Enclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hotel | 8015.23 | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| **Total** | | **0.0864** | **0.7858** | **0.6601** | **4.7100e-003** | | **0.0597** | **0.0597** | | **0.0597** | **0.0597** | | **942.9686** | **942.9686** | **0.0181** | **0.0173** | **948.5722** |

**Mitigated**

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| Enclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hotel | 8.01523 | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| **Total** | | **0.0864** | **0.7858** | **0.6601** | **4.7100e-003** | | **0.0597** | **0.0597** | | **0.0597** | **0.0597** | | **942.9686** | **942.9686** | **0.0181** | **0.0173** | **948.5722** |

# 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 | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| Unmitigated | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |

## 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 | 0.3124 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 2.4276 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 3.6400e-003 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| **Total** | **2.7436** | **3.6000e-004** | **0.0392** | **0.0000** | | **1.4000e-004** | **1.4000e-004** | | **1.4000e-004** | **1.4000e-004** | | **0.0838** | **0.0838** | **2.2000e-004** | | **0.0894** |

**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 | 0.3124 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 2.4276 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 3.6400e-003 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| **Total** | **2.7436** | **3.6000e-004** | **0.0392** | **0.0000** | | **1.4000e-004** | **1.4000e-004** | | **1.4000e-004** | **1.4000e-004** | | **0.0838** | **0.0838** | **2.2000e-004** | | **0.0894** |

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

## 8.0 Waste Detail

### 8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

## 9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|---|---|---|---|---|---|---|

## 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

# 11469 Jefferson - Operations

**South Coast AQMD Air District, Winter**

## 1.0 Project Characteristics

### 1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|---|---|---|---|---|---|
| Enclosed Parking with Elevator | 208.00 | Space | 0.28 | 33,817.00 | 0 |
| Hotel | 175.00 | Room | 0.50 | 122,000.00 | 0 |

### 1.2 Other Project Characteristics

| | | | | | |
|---|---|---|---|---|---|
| **Urbanization** | Urban | **Wind Speed (m/s)** | 2.2 | **Precipitation Freq (Days)** | 31 |
| **Climate Zone** | 11 | | | **Operational Year** | 2022 |
| **Utility Company** | Southern California Edison | | | | |
| **CO2 Intensity (lb/MWhr)** | 509.22 | **CH4 Intensity (lb/MWhr)** | 0.029 | **N2O Intensity (lb/MWhr)** | 0.006 |

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2e intensity factor was linearly projected for year 2022 anticipated RPS based on SB 100 target of 44% RPS by 12/31/2024 projected and from SCE contract with the CPUC to have 41.4% RPS by 2020.

Land Use - see operational assumptions

Vehicle Trips - trip rate from project traffic study

Vehicle Emission Factors - Updated to EMFAC2017 EFs

Energy Use -

Energy Mitigation - see operational assumptions for solar pv system assumptions.

Waste Mitigation -

| Table Name | Column Name | Default Value | New Value |
|---|---|---|---|
| tblFleetMix | HHD | 0.03 | 9.1619e-003 |
| tblFleetMix | HHD | 0.03 | 9.1619e-003 |
| tblFleetMix | LDA | 0.55 | 0.54 |
| tblFleetMix | LDA | 0.55 | 0.54 |
| tblFleetMix | LDT1 | 0.04 | 0.06 |
| tblFleetMix | LDT1 | 0.04 | 0.06 |
| tblFleetMix | LDT2 | 0.20 | 0.18 |
| tblFleetMix | LDT2 | 0.20 | 0.18 |
| tblFleetMix | LHD1 | 0.02 | 0.02 |
| tblFleetMix | LHD1 | 0.02 | 0.02 |
| tblFleetMix | LHD2 | 5.8460e-003 | 6.2455e-003 |
| tblFleetMix | LHD2 | 5.8460e-003 | 6.2455e-003 |
| tblFleetMix | MCY | 4.8550e-003 | 0.02 |
| tblFleetMix | MCY | 4.8550e-003 | 0.02 |
| tblFleetMix | MDV | 0.12 | 0.13 |
| tblFleetMix | MDV | 0.12 | 0.13 |
| tblFleetMix | MH | 8.9600e-004 | 3.8643e-003 |
| tblFleetMix | MH | 8.9600e-004 | 3.8643e-003 |
| tblFleetMix | MHD | 0.02 | 0.01 |
| tblFleetMix | MHD | 0.02 | 0.01 |
| tblFleetMix | OBUS | 2.0990e-003 | 8.2637e-004 |
| tblFleetMix | OBUS | 2.0990e-003 | 8.2637e-004 |
| tblFleetMix | SBUS | 7.0900e-004 | 7.4790e-004 |
| tblFleetMix | SBUS | 7.0900e-004 | 7.4790e-004 |
| tblFleetMix | UBUS | 1.8280e-003 | 5.1497e-004 |
| tblFleetMix | UBUS | 1.8280e-003 | 5.1497e-004 |
| tblLandUse | LandUseSquareFeet | 83,200.00 | 33,817.00 |
| tblLandUse | LandUseSquareFeet | 254,100.00 | 122,000.00 |
| tblLandUse | LotAcreage | 1.87 | 0.28 |

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|---|---|---|---|
| tblLandUse | LotAcreage | 5.83 | 0.50 |
| tblProjectCharacteristics | CO2IntensityFactor | 702.44 | 509.22 |
| tblVehicleEF | HHD | 0.72 | 0.03 |
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.08 | 0.00 |
| tblVehicleEF | HHD | 2.55 | 6.51 |
| tblVehicleEF | HHD | 0.96 | 0.52 |
| tblVehicleEF | HHD | 2.84 | 7.1770e-003 |
| tblVehicleEF | HHD | 4,906.64 | 1,210.94 |
| tblVehicleEF | HHD | 1,590.87 | 1,438.06 |
| tblVehicleEF | HHD | 9.09 | 0.06 |
| tblVehicleEF | HHD | 20.90 | 6.45 |
| tblVehicleEF | HHD | 3.41 | 3.28 |
| tblVehicleEF | HHD | 19.73 | 2.11 |
| tblVehicleEF | HHD | 0.01 | 3.7420e-003 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.01 | 0.03 |
| tblVehicleEF | HHD | 7.7000e-005 | 1.0000e-006 |
| tblVehicleEF | HHD | 0.01 | 3.5800e-003 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8170e-003 | 8.8730e-003 |
| tblVehicleEF | HHD | 0.01 | 0.03 |
| tblVehicleEF | HHD | 7.0000e-005 | 1.0000e-006 |
| tblVehicleEF | HHD | 9.9000e-005 | 5.0000e-006 |
| tblVehicleEF | HHD | 4.0680e-003 | 1.9900e-004 |
| tblVehicleEF | HHD | 0.64 | 0.47 |
| tblVehicleEF | HHD | 7.1000e-005 | 4.0000e-006 |
| tblVehicleEF | HHD | 0.12 | 0.07 |
| tblVehicleEF | HHD | 3.3200e-004 | 1.0440e-003 |

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|---|---|---|---|
| tblVehicleEF | HHD | 0.07 | 2.0000e-006 |
| tblVehicleEF | HHD | 0.05 | 0.01 |
| tblVehicleEF | HHD | 0.01 | 0.01 |
| tblVehicleEF | HHD | 1.3800e-004 | 1.0000e-006 |
| tblVehicleEF | HHD | 9.9000e-005 | 5.0000e-006 |
| tblVehicleEF | HHD | 4.0680e-003 | 1.9900e-004 |
| tblVehicleEF | HHD | 0.74 | 0.54 |
| tblVehicleEF | HHD | 7.1000e-005 | 4.0000e-006 |
| tblVehicleEF | HHD | 0.22 | 0.16 |
| tblVehicleEF | HHD | 3.3200e-004 | 1.0440e-003 |
| tblVehicleEF | HHD | 0.08 | 2.0000e-006 |
| tblVehicleEF | HHD | 0.67 | 0.03 |
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.08 | 4.0556e-007 |
| tblVehicleEF | HHD | 1.86 | 6.37 |
| tblVehicleEF | HHD | 0.97 | 0.52 |
| tblVehicleEF | HHD | 2.70 | 6.8153e-003 |
| tblVehicleEF | HHD | 5,197.96 | 1,206.27 |
| tblVehicleEF | HHD | 1,590.87 | 1,438.06 |
| tblVehicleEF | HHD | 9.09 | 0.06 |
| tblVehicleEF | HHD | 21.57 | 6.25 |
| tblVehicleEF | HHD | 3.22 | 3.10 |
| tblVehicleEF | HHD | 19.72 | 2.11 |
| tblVehicleEF | HHD | 0.01 | 3.2843e-003 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.01 | 0.03 |
| tblVehicleEF | HHD | 7.7000e-005 | 1.1608e-006 |
| tblVehicleEF | HHD | 0.01 | 3.1423e-003 |
| tblVehicleEF | HHD | 0.03 | 0.03 |

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|---|---|---|---|
| tblVehicleEF | HHD | 8.8170e-003 | 8.8727e-003 |
| tblVehicleEF | HHD | 0.01 | 0.03 |
| tblVehicleEF | HHD | 7.0000e-005 | 1.0673e-006 |
| tblVehicleEF | HHD | 1.6000e-004 | 8.6932e-006 |
| tblVehicleEF | HHD | 4.2570e-003 | 2.0741e-004 |
| tblVehicleEF | HHD | 0.60 | 0.49 |
| tblVehicleEF | HHD | 1.1000e-004 | 5.9150e-006 |
| tblVehicleEF | HHD | 0.12 | 0.07 |
| tblVehicleEF | HHD | 3.2600e-004 | 1.0356e-003 |
| tblVehicleEF | HHD | 0.07 | 2.1344e-006 |
| tblVehicleEF | HHD | 0.05 | 0.01 |
| tblVehicleEF | HHD | 0.01 | 0.01 |
| tblVehicleEF | HHD | 1.3500e-004 | 6.3630e-007 |
| tblVehicleEF | HHD | 1.6000e-004 | 8.6932e-006 |
| tblVehicleEF | HHD | 4.2570e-003 | 2.0741e-004 |
| tblVehicleEF | HHD | 0.70 | 0.57 |
| tblVehicleEF | HHD | 1.1000e-004 | 5.9150e-006 |
| tblVehicleEF | HHD | 0.22 | 0.16 |
| tblVehicleEF | HHD | 3.2600e-004 | 1.0356e-003 |
| tblVehicleEF | HHD | 0.07 | 2.3369e-006 |
| tblVehicleEF | HHD | 0.77 | 0.03 |
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.08 | 4.2674e-007 |
| tblVehicleEF | HHD | 3.51 | 6.70 |
| tblVehicleEF | HHD | 0.96 | 0.52 |
| tblVehicleEF | HHD | 2.86 | 7.2281e-003 |
| tblVehicleEF | HHD | 4,504.34 | 1,217.38 |
| tblVehicleEF | HHD | 1,590.87 | 1,438.06 |
| tblVehicleEF | HHD | 9.09 | 0.06 |
| tblVehicleEF | HHD | 19.97 | 6.73 |

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|---|---|---|---|
| tblVehicleEF | HHD | 3.36 | 3.24 |
| tblVehicleEF | HHD | 19.73 | 2.11 |
| tblVehicleEF | HHD | 0.02 | 4.3740e-003 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.01 | 0.03 |
| tblVehicleEF | HHD | 7.7000e-005 | 1.1608e-006 |
| tblVehicleEF | HHD | 0.02 | 4.1847e-003 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8170e-003 | 8.8727e-003 |
| tblVehicleEF | HHD | 0.01 | 0.03 |
| tblVehicleEF | HHD | 7.0000e-005 | 1.0673e-006 |
| tblVehicleEF | HHD | 9.3000e-005 | 5.5102e-006 |
| tblVehicleEF | HHD | 4.3390e-003 | 2.2656e-004 |
| tblVehicleEF | HHD | 0.69 | 0.44 |
| tblVehicleEF | HHD | 6.8000e-005 | 3.6531e-006 |
| tblVehicleEF | HHD | 0.12 | 0.07 |
| tblVehicleEF | HHD | 3.5900e-004 | 1.1075e-003 |
| tblVehicleEF | HHD | 0.07 | 2.2379e-006 |
| tblVehicleEF | HHD | 0.04 | 0.01 |
| tblVehicleEF | HHD | 0.01 | 0.01 |
| tblVehicleEF | HHD | 1.3800e-004 | 6.4278e-007 |
| tblVehicleEF | HHD | 9.3000e-005 | 5.5102e-006 |
| tblVehicleEF | HHD | 4.3390e-003 | 2.2656e-004 |
| tblVehicleEF | HHD | 0.80 | 0.51 |
| tblVehicleEF | HHD | 6.8000e-005 | 3.6531e-006 |
| tblVehicleEF | HHD | 0.22 | 0.16 |
| tblVehicleEF | HHD | 3.5900e-004 | 1.1075e-003 |
| tblVehicleEF | HHD | 0.08 | 2.4502e-006 |
| tblVehicleEF | LDA | 4.7080e-003 | 2.7390e-003 |

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|---|---|---|---|
| tblVehicleEF | LDA | 5.1030e-003 | 0.05 |
| tblVehicleEF | LDA | 0.61 | 0.68 |
| tblVehicleEF | LDA | 1.10 | 2.09 |
| tblVehicleEF | LDA | 264.19 | 265.95 |
| tblVehicleEF | LDA | 56.82 | 53.17 |
| tblVehicleEF | LDA | 0.05 | 0.04 |
| tblVehicleEF | LDA | 0.07 | 0.18 |
| tblVehicleEF | LDA | 1.9930e-003 | 1.6790e-003 |
| tblVehicleEF | LDA | 2.2640e-003 | 1.8370e-003 |
| tblVehicleEF | LDA | 1.8370e-003 | 1.5470e-003 |
| tblVehicleEF | LDA | 2.0810e-003 | 1.6890e-003 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.10 | 0.10 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.01 | 0.01 |
| tblVehicleEF | LDA | 0.04 | 0.21 |
| tblVehicleEF | LDA | 0.07 | 0.22 |
| tblVehicleEF | LDA | 2.6460e-003 | 2.6310e-003 |
| tblVehicleEF | LDA | 5.8700e-004 | 5.2600e-004 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.10 | 0.10 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.21 |
| tblVehicleEF | LDA | 0.08 | 0.24 |
| tblVehicleEF | LDA | 5.0460e-003 | 2.9541e-003 |
| tblVehicleEF | LDA | 4.5230e-003 | 0.04 |
| tblVehicleEF | LDA | 0.69 | 0.76 |
| tblVehicleEF | LDA | 0.94 | 1.79 |
| tblVehicleEF | LDA | 278.35 | 279.67 |

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|---|---|---|---|
| tblVehicleEF | LDA | 56.82 | 52.61 |
| tblVehicleEF | LDA | 0.04 | 0.03 |
| tblVehicleEF | LDA | 0.06 | 0.17 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 1.9930e-003 | 1.6792e-003 |
| tblVehicleEF | LDA | 2.2640e-003 | 1.8374e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 1.8370e-003 | 1.5468e-003 |
| tblVehicleEF | LDA | 2.0810e-003 | 1.6895e-003 |
| tblVehicleEF | LDA | 0.06 | 0.09 |
| tblVehicleEF | LDA | 0.10 | 0.10 |
| tblVehicleEF | LDA | 0.05 | 0.07 |
| tblVehicleEF | LDA | 0.01 | 0.01 |
| tblVehicleEF | LDA | 0.04 | 0.20 |
| tblVehicleEF | LDA | 0.06 | 0.19 |
| tblVehicleEF | LDA | 2.7880e-003 | 2.7668e-003 |
| tblVehicleEF | LDA | 5.8400e-004 | 5.2065e-004 |
| tblVehicleEF | LDA | 0.06 | 0.09 |
| tblVehicleEF | LDA | 0.10 | 0.10 |
| tblVehicleEF | LDA | 0.05 | 0.07 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.20 |
| tblVehicleEF | LDA | 0.07 | 0.21 |
| tblVehicleEF | LDA | 4.6070e-003 | 2.6779e-003 |
| tblVehicleEF | LDA | 5.2210e-003 | 0.05 |
| tblVehicleEF | LDA | 0.59 | 0.66 |
| tblVehicleEF | LDA | 1.13 | 2.15 |
| tblVehicleEF | LDA | 259.61 | 261.48 |

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|---|---|---|---|
| tblVehicleEF | LDA | 56.82 | 53.28 |
| tblVehicleEF | LDA | 0.05 | 0.04 |
| tblVehicleEF | LDA | 0.07 | 0.18 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 1.9930e-003 | 1.6792e-003 |
| tblVehicleEF | LDA | 2.2640e-003 | 1.8374e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 1.8370e-003 | 1.5468e-003 |
| tblVehicleEF | LDA | 2.0810e-003 | 1.6895e-003 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.11 | 0.11 |
| tblVehicleEF | LDA | 0.03 | 0.05 |
| tblVehicleEF | LDA | 0.01 | 0.01 |
| tblVehicleEF | LDA | 0.04 | 0.24 |
| tblVehicleEF | LDA | 0.07 | 0.22 |
| tblVehicleEF | LDA | 2.6000e-003 | 2.5867e-003 |
| tblVehicleEF | LDA | 5.8700e-004 | 5.2725e-004 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.11 | 0.11 |
| tblVehicleEF | LDA | 0.03 | 0.05 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.24 |
| tblVehicleEF | LDA | 0.08 | 0.24 |
| tblVehicleEF | LDT1 | 0.01 | 7.1830e-003 |
| tblVehicleEF | LDT1 | 0.01 | 0.07 |
| tblVehicleEF | LDT1 | 1.50 | 1.39 |
| tblVehicleEF | LDT1 | 2.77 | 2.28 |
| tblVehicleEF | LDT1 | 329.66 | 314.22 |

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|---|---|---|---|
| tblVehicleEF | LDT1 | 69.74 | 63.58 |
| tblVehicleEF | LDT1 | 0.14 | 0.11 |
| tblVehicleEF | LDT1 | 0.16 | 0.26 |
| tblVehicleEF | LDT1 | 3.1320e-003 | 2.5040e-003 |
| tblVehicleEF | LDT1 | 3.4000e-003 | 2.6190e-003 |
| tblVehicleEF | LDT1 | 2.8840e-003 | 2.3040e-003 |
| tblVehicleEF | LDT1 | 3.1270e-003 | 2.4080e-003 |
| tblVehicleEF | LDT1 | 0.14 | 0.14 |
| tblVehicleEF | LDT1 | 0.27 | 0.21 |
| tblVehicleEF | LDT1 | 0.11 | 0.11 |
| tblVehicleEF | LDT1 | 0.03 | 0.03 |
| tblVehicleEF | LDT1 | 0.17 | 0.70 |
| tblVehicleEF | LDT1 | 0.19 | 0.36 |
| tblVehicleEF | LDT1 | 3.3150e-003 | 3.1090e-003 |
| tblVehicleEF | LDT1 | 7.4600e-004 | 6.2900e-004 |
| tblVehicleEF | LDT1 | 0.14 | 0.14 |
| tblVehicleEF | LDT1 | 0.27 | 0.21 |
| tblVehicleEF | LDT1 | 0.11 | 0.11 |
| tblVehicleEF | LDT1 | 0.05 | 0.05 |
| tblVehicleEF | LDT1 | 0.17 | 0.70 |
| tblVehicleEF | LDT1 | 0.21 | 0.39 |
| tblVehicleEF | LDT1 | 0.01 | 7.6860e-003 |
| tblVehicleEF | LDT1 | 0.01 | 0.06 |
| tblVehicleEF | LDT1 | 1.65 | 1.54 |
| tblVehicleEF | LDT1 | 2.37 | 1.95 |
| tblVehicleEF | LDT1 | 346.09 | 328.12 |
| tblVehicleEF | LDT1 | 69.74 | 62.92 |
| tblVehicleEF | LDT1 | 0.12 | 0.10 |
| tblVehicleEF | LDT1 | 0.15 | 0.24 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |

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|---|---|---|---|
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.1320e-003 | 2.5040e-003 |
| tblVehicleEF | LDT1 | 3.4000e-003 | 2.6192e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 2.8840e-003 | 2.3043e-003 |
| tblVehicleEF | LDT1 | 3.1270e-003 | 2.4084e-003 |
| tblVehicleEF | LDT1 | 0.22 | 0.22 |
| tblVehicleEF | LDT1 | 0.29 | 0.22 |
| tblVehicleEF | LDT1 | 0.16 | 0.17 |
| tblVehicleEF | LDT1 | 0.04 | 0.03 |
| tblVehicleEF | LDT1 | 0.16 | 0.66 |
| tblVehicleEF | LDT1 | 0.17 | 0.32 |
| tblVehicleEF | LDT1 | 3.4820e-003 | 3.2470e-003 |
| tblVehicleEF | LDT1 | 7.3900e-004 | 6.2263e-004 |
| tblVehicleEF | LDT1 | 0.22 | 0.22 |
| tblVehicleEF | LDT1 | 0.29 | 0.22 |
| tblVehicleEF | LDT1 | 0.16 | 0.17 |
| tblVehicleEF | LDT1 | 0.05 | 0.05 |
| tblVehicleEF | LDT1 | 0.16 | 0.66 |
| tblVehicleEF | LDT1 | 0.18 | 0.35 |
| tblVehicleEF | LDT1 | 0.01 | 7.0340e-003 |
| tblVehicleEF | LDT1 | 0.01 | 0.07 |
| tblVehicleEF | LDT1 | 1.45 | 1.34 |
| tblVehicleEF | LDT1 | 2.85 | 2.35 |
| tblVehicleEF | LDT1 | 324.17 | 309.56 |
| tblVehicleEF | LDT1 | 69.74 | 63.72 |
| tblVehicleEF | LDT1 | 0.14 | 0.11 |
| tblVehicleEF | LDT1 | 0.16 | 0.26 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |

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|---|---|---|---|
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.1320e-003 | 2.5040e-003 |
| tblVehicleEF | LDT1 | 3.4000e-003 | 2.6192e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 2.8840e-003 | 2.3043e-003 |
| tblVehicleEF | LDT1 | 3.1270e-003 | 2.4084e-003 |
| tblVehicleEF | LDT1 | 0.13 | 0.13 |
| tblVehicleEF | LDT1 | 0.31 | 0.23 |
| tblVehicleEF | LDT1 | 0.10 | 0.11 |
| tblVehicleEF | LDT1 | 0.03 | 0.03 |
| tblVehicleEF | LDT1 | 0.20 | 0.83 |
| tblVehicleEF | LDT1 | 0.20 | 0.37 |
| tblVehicleEF | LDT1 | 3.2600e-003 | 3.0632e-003 |
| tblVehicleEF | LDT1 | 7.4700e-004 | 6.3053e-004 |
| tblVehicleEF | LDT1 | 0.13 | 0.13 |
| tblVehicleEF | LDT1 | 0.31 | 0.23 |
| tblVehicleEF | LDT1 | 0.10 | 0.11 |
| tblVehicleEF | LDT1 | 0.05 | 0.05 |
| tblVehicleEF | LDT1 | 0.20 | 0.83 |
| tblVehicleEF | LDT1 | 0.21 | 0.40 |
| tblVehicleEF | LDT2 | 6.4770e-003 | 4.5310e-003 |
| tblVehicleEF | LDT2 | 6.3660e-003 | 0.07 |
| tblVehicleEF | LDT2 | 0.79 | 0.97 |
| tblVehicleEF | LDT2 | 1.35 | 2.64 |
| tblVehicleEF | LDT2 | 369.39 | 336.54 |
| tblVehicleEF | LDT2 | 78.41 | 68.58 |
| tblVehicleEF | LDT2 | 0.08 | 0.08 |
| tblVehicleEF | LDT2 | 0.11 | 0.28 |
| tblVehicleEF | LDT2 | 1.9860e-003 | 1.7610e-003 |

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|---|---|---|---|
| tblVehicleEF | LDT2 | 2.3340e-003 | 1.8600e-003 |
| tblVehicleEF | LDT2 | 1.8270e-003 | 1.6210e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 1.7100e-003 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.10 | 0.12 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 0.06 | 0.41 |
| tblVehicleEF | LDT2 | 0.09 | 0.31 |
| tblVehicleEF | LDT2 | 3.7000e-003 | 3.3290e-003 |
| tblVehicleEF | LDT2 | 8.0700e-004 | 6.7900e-004 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.10 | 0.12 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.02 | 0.03 |
| tblVehicleEF | LDT2 | 0.06 | 0.41 |
| tblVehicleEF | LDT2 | 0.09 | 0.34 |
| tblVehicleEF | LDT2 | 6.9310e-003 | 4.8690e-003 |
| tblVehicleEF | LDT2 | 5.6450e-003 | 0.06 |
| tblVehicleEF | LDT2 | 0.88 | 1.08 |
| tblVehicleEF | LDT2 | 1.16 | 2.26 |
| tblVehicleEF | LDT2 | 388.48 | 350.13 |
| tblVehicleEF | LDT2 | 78.41 | 67.87 |
| tblVehicleEF | LDT2 | 0.07 | 0.07 |
| tblVehicleEF | LDT2 | 0.10 | 0.26 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT2 | 1.9860e-003 | 1.7615e-003 |
| tblVehicleEF | LDT2 | 2.3340e-003 | 1.8602e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |

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|---|---|---|---|
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.8270e-003 | 1.6212e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 1.7104e-003 |
| tblVehicleEF | LDT2 | 0.08 | 0.13 |
| tblVehicleEF | LDT2 | 0.11 | 0.13 |
| tblVehicleEF | LDT2 | 0.07 | 0.11 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 0.06 | 0.38 |
| tblVehicleEF | LDT2 | 0.08 | 0.28 |
| tblVehicleEF | LDT2 | 3.8920e-003 | 3.4639e-003 |
| tblVehicleEF | LDT2 | 8.0300e-004 | 6.7161e-004 |
| tblVehicleEF | LDT2 | 0.08 | 0.13 |
| tblVehicleEF | LDT2 | 0.11 | 0.13 |
| tblVehicleEF | LDT2 | 0.07 | 0.11 |
| tblVehicleEF | LDT2 | 0.03 | 0.03 |
| tblVehicleEF | LDT2 | 0.06 | 0.38 |
| tblVehicleEF | LDT2 | 0.08 | 0.30 |
| tblVehicleEF | LDT2 | 6.3380e-003 | 4.4315e-003 |
| tblVehicleEF | LDT2 | 6.5150e-003 | 0.07 |
| tblVehicleEF | LDT2 | 0.76 | 0.93 |
| tblVehicleEF | LDT2 | 1.39 | 2.72 |
| tblVehicleEF | LDT2 | 363.05 | 331.99 |
| tblVehicleEF | LDT2 | 78.41 | 68.74 |
| tblVehicleEF | LDT2 | 0.07 | 0.08 |
| tblVehicleEF | LDT2 | 0.11 | 0.28 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT2 | 1.9860e-003 | 1.7615e-003 |
| tblVehicleEF | LDT2 | 2.3340e-003 | 1.8602e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |

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|---|---|---|---|
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.8270e-003 | 1.6212e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 1.7104e-003 |
| tblVehicleEF | LDT2 | 0.04 | 0.07 |
| tblVehicleEF | LDT2 | 0.11 | 0.13 |
| tblVehicleEF | LDT2 | 0.04 | 0.07 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 0.07 | 0.47 |
| tblVehicleEF | LDT2 | 0.09 | 0.32 |
| tblVehicleEF | LDT2 | 3.6360e-003 | 3.2844e-003 |
| tblVehicleEF | LDT2 | 8.0700e-004 | 6.8020e-004 |
| tblVehicleEF | LDT2 | 0.04 | 0.07 |
| tblVehicleEF | LDT2 | 0.11 | 0.13 |
| tblVehicleEF | LDT2 | 0.04 | 0.07 |
| tblVehicleEF | LDT2 | 0.02 | 0.03 |
| tblVehicleEF | LDT2 | 0.07 | 0.47 |
| tblVehicleEF | LDT2 | 0.10 | 0.35 |
| tblVehicleEF | LHD1 | 5.4910e-003 | 5.4520e-003 |
| tblVehicleEF | LHD1 | 0.01 | 5.3620e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.15 | 0.19 |
| tblVehicleEF | LHD1 | 0.82 | 0.63 |
| tblVehicleEF | LHD1 | 2.60 | 1.08 |
| tblVehicleEF | LHD1 | 9.01 | 9.00 |
| tblVehicleEF | LHD1 | 602.65 | 659.27 |
| tblVehicleEF | LHD1 | 32.51 | 12.01 |
| tblVehicleEF | LHD1 | 0.08 | 0.06 |
| tblVehicleEF | LHD1 | 1.20 | 0.80 |
| tblVehicleEF | LHD1 | 1.00 | 0.33 |
| tblVehicleEF | LHD1 | 8.6000e-004 | 7.9900e-004 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 0.01 | 9.7330e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.1920e-003 |
| tblVehicleEF | LHD1 | 9.4900e-004 | 2.6600e-004 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 7.6400e-004 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.4330e-003 |
| tblVehicleEF | LHD1 | 9.6970e-003 | 6.8540e-003 |
| tblVehicleEF | LHD1 | 8.7300e-004 | 2.4500e-004 |
| tblVehicleEF | LHD1 | 3.1810e-003 | 2.5560e-003 |
| tblVehicleEF | LHD1 | 0.10 | 0.08 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 1.8680e-003 | 1.5090e-003 |
| tblVehicleEF | LHD1 | 0.06 | 0.05 |
| tblVehicleEF | LHD1 | 0.30 | 0.52 |
| tblVehicleEF | LHD1 | 0.26 | 0.08 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7000e-005 |
| tblVehicleEF | LHD1 | 5.9160e-003 | 6.4340e-003 |
| tblVehicleEF | LHD1 | 3.7400e-004 | 1.1900e-004 |
| tblVehicleEF | LHD1 | 3.1810e-003 | 2.5560e-003 |
| tblVehicleEF | LHD1 | 0.10 | 0.08 |
| tblVehicleEF | LHD1 | 0.02 | 0.03 |
| tblVehicleEF | LHD1 | 1.8680e-003 | 1.5090e-003 |
| tblVehicleEF | LHD1 | 0.08 | 0.06 |
| tblVehicleEF | LHD1 | 0.30 | 0.52 |
| tblVehicleEF | LHD1 | 0.28 | 0.08 |
| tblVehicleEF | LHD1 | 5.4910e-003 | 5.4637e-003 |
| tblVehicleEF | LHD1 | 0.01 | 5.4654e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.15 | 0.19 |
| tblVehicleEF | LHD1 | 0.83 | 0.64 |
| tblVehicleEF | LHD1 | 2.48 | 1.03 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 9.01 | 9.00 |
| tblVehicleEF | LHD1 | 602.65 | 659.29 |
| tblVehicleEF | LHD1 | 32.51 | 11.92 |
| tblVehicleEF | LHD1 | 0.08 | 0.06 |
| tblVehicleEF | LHD1 | 1.12 | 0.75 |
| tblVehicleEF | LHD1 | 0.96 | 0.31 |
| tblVehicleEF | LHD1 | 8.6000e-004 | 7.9884e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 0.01 | 9.7335e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.1920e-003 |
| tblVehicleEF | LHD1 | 9.4900e-004 | 2.6596e-004 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 7.6429e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.4334e-003 |
| tblVehicleEF | LHD1 | 9.6970e-003 | 6.8537e-003 |
| tblVehicleEF | LHD1 | 8.7300e-004 | 2.4454e-004 |
| tblVehicleEF | LHD1 | 4.9650e-003 | 3.9659e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.08 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 2.8120e-003 | 2.2585e-003 |
| tblVehicleEF | LHD1 | 0.07 | 0.05 |
| tblVehicleEF | LHD1 | 0.30 | 0.50 |
| tblVehicleEF | LHD1 | 0.25 | 0.07 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7363e-005 |
| tblVehicleEF | LHD1 | 5.9160e-003 | 6.4344e-003 |
| tblVehicleEF | LHD1 | 3.7200e-004 | 1.1799e-004 |
| tblVehicleEF | LHD1 | 4.9650e-003 | 3.9659e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.08 |
| tblVehicleEF | LHD1 | 0.02 | 0.03 |
| tblVehicleEF | LHD1 | 2.8120e-003 | 2.2585e-003 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 0.08 | 0.06 |
| tblVehicleEF | LHD1 | 0.30 | 0.50 |
| tblVehicleEF | LHD1 | 0.27 | 0.08 |
| tblVehicleEF | LHD1 | 5.4910e-003 | 5.4499e-003 |
| tblVehicleEF | LHD1 | 0.01 | 5.3380e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.15 | 0.19 |
| tblVehicleEF | LHD1 | 0.81 | 0.62 |
| tblVehicleEF | LHD1 | 2.61 | 1.09 |
| tblVehicleEF | LHD1 | 9.01 | 9.00 |
| tblVehicleEF | LHD1 | 602.65 | 659.27 |
| tblVehicleEF | LHD1 | 32.51 | 12.02 |
| tblVehicleEF | LHD1 | 0.08 | 0.06 |
| tblVehicleEF | LHD1 | 1.18 | 0.78 |
| tblVehicleEF | LHD1 | 1.00 | 0.33 |
| tblVehicleEF | LHD1 | 8.6000e-004 | 7.9884e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 0.01 | 9.7335e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.1920e-003 |
| tblVehicleEF | LHD1 | 9.4900e-004 | 2.6596e-004 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 7.6429e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.4334e-003 |
| tblVehicleEF | LHD1 | 9.6970e-003 | 6.8537e-003 |
| tblVehicleEF | LHD1 | 8.7300e-004 | 2.4454e-004 |
| tblVehicleEF | LHD1 | 3.2290e-003 | 2.6127e-003 |
| tblVehicleEF | LHD1 | 0.12 | 0.09 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 1.8330e-003 | 1.4847e-003 |
| tblVehicleEF | LHD1 | 0.06 | 0.05 |

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|---|---|---|---|
| tblVehicleEF | LHD1 | 0.33 | 0.56 |
| tblVehicleEF | LHD1 | 0.26 | 0.08 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7363e-005 |
| tblVehicleEF | LHD1 | 5.9160e-003 | 6.4341e-003 |
| tblVehicleEF | LHD1 | 3.7400e-004 | 1.1895e-004 |
| tblVehicleEF | LHD1 | 3.2290e-003 | 2.6127e-003 |
| tblVehicleEF | LHD1 | 0.12 | 0.09 |
| tblVehicleEF | LHD1 | 0.02 | 0.03 |
| tblVehicleEF | LHD1 | 1.8330e-003 | 1.4847e-003 |
| tblVehicleEF | LHD1 | 0.08 | 0.06 |
| tblVehicleEF | LHD1 | 0.33 | 0.56 |
| tblVehicleEF | LHD1 | 0.28 | 0.08 |
| tblVehicleEF | LHD2 | 3.9270e-003 | 3.8310e-003 |
| tblVehicleEF | LHD2 | 4.1730e-003 | 3.7830e-003 |
| tblVehicleEF | LHD2 | 8.3570e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.15 |
| tblVehicleEF | LHD2 | 0.36 | 0.43 |
| tblVehicleEF | LHD2 | 1.31 | 0.72 |
| tblVehicleEF | LHD2 | 13.72 | 13.69 |
| tblVehicleEF | LHD2 | 614.66 | 663.04 |
| tblVehicleEF | LHD2 | 27.22 | 9.23 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |
| tblVehicleEF | LHD2 | 0.80 | 0.96 |
| tblVehicleEF | LHD2 | 0.55 | 0.23 |
| tblVehicleEF | LHD2 | 1.1850e-003 | 1.2740e-003 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.5110e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.4600e-004 | 1.4900e-004 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.2190e-003 |
| tblVehicleEF | LHD2 | 2.6590e-003 | 2.6410e-003 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 9.0860e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 1.3700e-004 |
| tblVehicleEF | LHD2 | 1.1830e-003 | 1.5470e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.05 |
| tblVehicleEF | LHD2 | 0.01 | 0.02 |
| tblVehicleEF | LHD2 | 7.4900e-004 | 9.3300e-004 |
| tblVehicleEF | LHD2 | 0.05 | 0.05 |
| tblVehicleEF | LHD2 | 0.08 | 0.32 |
| tblVehicleEF | LHD2 | 0.11 | 0.05 |
| tblVehicleEF | LHD2 | 1.3400e-004 | 1.3100e-004 |
| tblVehicleEF | LHD2 | 5.9880e-003 | 6.4150e-003 |
| tblVehicleEF | LHD2 | 2.9600e-004 | 9.1000e-005 |
| tblVehicleEF | LHD2 | 1.1830e-003 | 1.5470e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.05 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 7.4900e-004 | 9.3300e-004 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.08 | 0.32 |
| tblVehicleEF | LHD2 | 0.12 | 0.06 |
| tblVehicleEF | LHD2 | 3.9270e-003 | 3.8391e-003 |
| tblVehicleEF | LHD2 | 4.2260e-003 | 3.8228e-003 |
| tblVehicleEF | LHD2 | 8.0730e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.15 |
| tblVehicleEF | LHD2 | 0.36 | 0.44 |
| tblVehicleEF | LHD2 | 1.25 | 0.69 |
| tblVehicleEF | LHD2 | 13.72 | 13.69 |
| tblVehicleEF | LHD2 | 614.66 | 663.05 |
| tblVehicleEF | LHD2 | 27.22 | 9.17 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |
| tblVehicleEF | LHD2 | 0.76 | 0.91 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 0.53 | 0.22 |
| tblVehicleEF | LHD2 | 1.1850e-003 | 1.2739e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.5110e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.4600e-004 | 1.4893e-004 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.2188e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6590e-003 | 2.6414e-003 |
| tblVehicleEF | LHD2 | 9.0860e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 1.3694e-004 |
| tblVehicleEF | LHD2 | 1.8430e-003 | 2.3965e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.05 |
| tblVehicleEF | LHD2 | 0.01 | 0.02 |
| tblVehicleEF | LHD2 | 1.1140e-003 | 1.3896e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.05 |
| tblVehicleEF | LHD2 | 0.08 | 0.31 |
| tblVehicleEF | LHD2 | 0.11 | 0.05 |
| tblVehicleEF | LHD2 | 1.3400e-004 | 1.3119e-004 |
| tblVehicleEF | LHD2 | 5.9880e-003 | 6.4148e-003 |
| tblVehicleEF | LHD2 | 2.9500e-004 | 9.0793e-005 |
| tblVehicleEF | LHD2 | 1.8430e-003 | 2.3965e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.05 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 1.1140e-003 | 1.3896e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.08 | 0.31 |
| tblVehicleEF | LHD2 | 0.12 | 0.06 |
| tblVehicleEF | LHD2 | 3.9270e-003 | 3.8293e-003 |
| tblVehicleEF | LHD2 | 4.1600e-003 | 3.7732e-003 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 8.4070e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.15 |
| tblVehicleEF | LHD2 | 0.36 | 0.43 |
| tblVehicleEF | LHD2 | 1.32 | 0.72 |
| tblVehicleEF | LHD2 | 13.72 | 13.69 |
| tblVehicleEF | LHD2 | 614.66 | 663.04 |
| tblVehicleEF | LHD2 | 27.22 | 9.24 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |
| tblVehicleEF | LHD2 | 0.79 | 0.95 |
| tblVehicleEF | LHD2 | 0.55 | 0.23 |
| tblVehicleEF | LHD2 | 1.1850e-003 | 1.2739e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.5110e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.4600e-004 | 1.4893e-004 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.2188e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6590e-003 | 2.6414e-003 |
| tblVehicleEF | LHD2 | 9.0860e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 1.3694e-004 |
| tblVehicleEF | LHD2 | 1.1570e-003 | 1.5365e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.06 |
| tblVehicleEF | LHD2 | 0.01 | 0.02 |
| tblVehicleEF | LHD2 | 7.2000e-004 | 8.9742e-004 |
| tblVehicleEF | LHD2 | 0.05 | 0.05 |
| tblVehicleEF | LHD2 | 0.09 | 0.35 |
| tblVehicleEF | LHD2 | 0.11 | 0.05 |
| tblVehicleEF | LHD2 | 1.3400e-004 | 1.3119e-004 |
| tblVehicleEF | LHD2 | 5.9880e-003 | 6.4147e-003 |
| tblVehicleEF | LHD2 | 2.9600e-004 | 9.1439e-005 |

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|---|---|---|---|
| tblVehicleEF | LHD2 | 1.1570e-003 | 1.5365e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.06 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 7.2000e-004 | 8.9742e-004 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.09 | 0.35 |
| tblVehicleEF | LHD2 | 0.12 | 0.06 |
| tblVehicleEF | MCY | 0.51 | 0.36 |
| tblVehicleEF | MCY | 0.15 | 0.24 |
| tblVehicleEF | MCY | 18.81 | 19.03 |
| tblVehicleEF | MCY | 9.64 | 8.52 |
| tblVehicleEF | MCY | 182.85 | 218.99 |
| tblVehicleEF | MCY | 44.84 | 59.80 |
| tblVehicleEF | MCY | 1.13 | 1.13 |
| tblVehicleEF | MCY | 0.31 | 0.26 |
| tblVehicleEF | MCY | 2.2780e-003 | 2.2710e-003 |
| tblVehicleEF | MCY | 3.7580e-003 | 3.1960e-003 |
| tblVehicleEF | MCY | 2.1290e-003 | 2.1230e-003 |
| tblVehicleEF | MCY | 3.5380e-003 | 3.0080e-003 |
| tblVehicleEF | MCY | 1.18 | 1.19 |
| tblVehicleEF | MCY | 0.68 | 0.70 |
| tblVehicleEF | MCY | 0.70 | 0.71 |
| tblVehicleEF | MCY | 2.47 | 2.48 |
| tblVehicleEF | MCY | 0.61 | 1.96 |
| tblVehicleEF | MCY | 2.05 | 1.82 |
| tblVehicleEF | MCY | 2.2100e-003 | 2.1670e-003 |
| tblVehicleEF | MCY | 6.6600e-004 | 5.9200e-004 |
| tblVehicleEF | MCY | 1.18 | 1.19 |
| tblVehicleEF | MCY | 0.68 | 0.70 |
| tblVehicleEF | MCY | 0.70 | 0.71 |

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|---|---|---|---|
| tblVehicleEF | MCY | 3.07 | 3.08 |
| tblVehicleEF | MCY | 0.61 | 1.96 |
| tblVehicleEF | MCY | 2.23 | 1.98 |
| tblVehicleEF | MCY | 0.50 | 0.36 |
| tblVehicleEF | MCY | 0.13 | 0.21 |
| tblVehicleEF | MCY | 18.33 | 18.52 |
| tblVehicleEF | MCY | 8.86 | 7.79 |
| tblVehicleEF | MCY | 182.85 | 217.99 |
| tblVehicleEF | MCY | 44.84 | 57.98 |
| tblVehicleEF | MCY | 0.98 | 0.99 |
| tblVehicleEF | MCY | 0.29 | 0.25 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |
| tblVehicleEF | MCY | 2.2780e-003 | 2.2712e-003 |
| tblVehicleEF | MCY | 3.7580e-003 | 3.1959e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 2.1290e-003 | 2.1228e-003 |
| tblVehicleEF | MCY | 3.5380e-003 | 3.0082e-003 |
| tblVehicleEF | MCY | 1.98 | 1.99 |
| tblVehicleEF | MCY | 0.79 | 0.81 |
| tblVehicleEF | MCY | 1.24 | 1.25 |
| tblVehicleEF | MCY | 2.42 | 2.43 |
| tblVehicleEF | MCY | 0.58 | 1.86 |
| tblVehicleEF | MCY | 1.83 | 1.61 |
| tblVehicleEF | MCY | 2.2010e-003 | 2.1572e-003 |
| tblVehicleEF | MCY | 6.4700e-004 | 5.7375e-004 |
| tblVehicleEF | MCY | 1.98 | 1.99 |
| tblVehicleEF | MCY | 0.79 | 0.81 |
| tblVehicleEF | MCY | 1.24 | 1.25 |

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|---|---|---|---|
| tblVehicleEF | MCY | 3.01 | 3.02 |
| tblVehicleEF | MCY | 0.58 | 1.86 |
| tblVehicleEF | MCY | 1.99 | 1.75 |
| tblVehicleEF | MCY | 0.51 | 0.36 |
| tblVehicleEF | MCY | 0.15 | 0.24 |
| tblVehicleEF | MCY | 18.82 | 19.04 |
| tblVehicleEF | MCY | 9.74 | 8.61 |
| tblVehicleEF | MCY | 182.85 | 219.05 |
| tblVehicleEF | MCY | 44.84 | 60.06 |
| tblVehicleEF | MCY | 1.10 | 1.10 |
| tblVehicleEF | MCY | 0.31 | 0.27 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |
| tblVehicleEF | MCY | 2.2780e-003 | 2.2712e-003 |
| tblVehicleEF | MCY | 3.7580e-003 | 3.1959e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 2.1290e-003 | 2.1228e-003 |
| tblVehicleEF | MCY | 3.5380e-003 | 3.0082e-003 |
| tblVehicleEF | MCY | 1.26 | 1.27 |
| tblVehicleEF | MCY | 0.87 | 0.89 |
| tblVehicleEF | MCY | 0.67 | 0.68 |
| tblVehicleEF | MCY | 2.48 | 2.49 |
| tblVehicleEF | MCY | 0.70 | 2.25 |
| tblVehicleEF | MCY | 2.08 | 1.85 |
| tblVehicleEF | MCY | 2.2110e-003 | 2.1677e-003 |
| tblVehicleEF | MCY | 6.6900e-004 | 5.9430e-004 |
| tblVehicleEF | MCY | 1.26 | 1.27 |
| tblVehicleEF | MCY | 0.87 | 0.89 |
| tblVehicleEF | MCY | 0.67 | 0.68 |

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|---|---|---|---|
| tblVehicleEF | MCY | 3.08 | 3.09 |
| tblVehicleEF | MCY | 0.70 | 2.25 |
| tblVehicleEF | MCY | 2.27 | 2.01 |
| tblVehicleEF | MDV | 0.01 | 5.8710e-003 |
| tblVehicleEF | MDV | 0.01 | 0.08 |
| tblVehicleEF | MDV | 1.28 | 1.14 |
| tblVehicleEF | MDV | 2.55 | 3.08 |
| tblVehicleEF | MDV | 499.57 | 414.41 |
| tblVehicleEF | MDV | 104.47 | 83.86 |
| tblVehicleEF | MDV | 0.14 | 0.11 |
| tblVehicleEF | MDV | 0.23 | 0.34 |
| tblVehicleEF | MDV | 2.1350e-003 | 1.8900e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.0050e-003 |
| tblVehicleEF | MDV | 1.9680e-003 | 1.7430e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 1.8440e-003 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.16 | 0.14 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.03 | 0.03 |
| tblVehicleEF | MDV | 0.09 | 0.44 |
| tblVehicleEF | MDV | 0.19 | 0.40 |
| tblVehicleEF | MDV | 5.0040e-003 | 4.0970e-003 |
| tblVehicleEF | MDV | 1.0890e-003 | 8.3000e-004 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.16 | 0.14 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.05 | 0.04 |
| tblVehicleEF | MDV | 0.09 | 0.44 |
| tblVehicleEF | MDV | 0.21 | 0.44 |
| tblVehicleEF | MDV | 0.01 | 6.3076e-003 |

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|---|---|---|---|
| tblVehicleEF | MDV | 0.01 | 0.07 |
| tblVehicleEF | MDV | 1.43 | 1.27 |
| tblVehicleEF | MDV | 2.19 | 2.63 |
| tblVehicleEF | MDV | 525.12 | 429.09 |
| tblVehicleEF | MDV | 104.47 | 83.00 |
| tblVehicleEF | MDV | 0.13 | 0.09 |
| tblVehicleEF | MDV | 0.22 | 0.32 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.1350e-003 | 1.8904e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.0047e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 1.9680e-003 | 1.7429e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 1.8436e-003 |
| tblVehicleEF | MDV | 0.12 | 0.15 |
| tblVehicleEF | MDV | 0.17 | 0.15 |
| tblVehicleEF | MDV | 0.11 | 0.14 |
| tblVehicleEF | MDV | 0.03 | 0.03 |
| tblVehicleEF | MDV | 0.09 | 0.41 |
| tblVehicleEF | MDV | 0.17 | 0.35 |
| tblVehicleEF | MDV | 5.2610e-003 | 4.2423e-003 |
| tblVehicleEF | MDV | 1.0830e-003 | 8.2131e-004 |
| tblVehicleEF | MDV | 0.12 | 0.15 |
| tblVehicleEF | MDV | 0.17 | 0.15 |
| tblVehicleEF | MDV | 0.11 | 0.14 |
| tblVehicleEF | MDV | 0.05 | 0.04 |
| tblVehicleEF | MDV | 0.09 | 0.41 |
| tblVehicleEF | MDV | 0.19 | 0.39 |
| tblVehicleEF | MDV | 0.01 | 5.7419e-003 |

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|---|---|---|---|
| tblVehicleEF | MDV | 0.01 | 0.08 |
| tblVehicleEF | MDV | 1.23 | 1.10 |
| tblVehicleEF | MDV | 2.62 | 3.17 |
| tblVehicleEF | MDV | 491.18 | 409.59 |
| tblVehicleEF | MDV | 104.47 | 84.04 |
| tblVehicleEF | MDV | 0.14 | 0.10 |
| tblVehicleEF | MDV | 0.23 | 0.35 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.1350e-003 | 1.8904e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.0047e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 1.9680e-003 | 1.7429e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 1.8436e-003 |
| tblVehicleEF | MDV | 0.07 | 0.08 |
| tblVehicleEF | MDV | 0.17 | 0.15 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.03 | 0.02 |
| tblVehicleEF | MDV | 0.11 | 0.51 |
| tblVehicleEF | MDV | 0.20 | 0.41 |
| tblVehicleEF | MDV | 4.9200e-003 | 4.0493e-003 |
| tblVehicleEF | MDV | 1.0910e-003 | 8.3162e-004 |
| tblVehicleEF | MDV | 0.07 | 0.08 |
| tblVehicleEF | MDV | 0.17 | 0.15 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 0.11 | 0.51 |
| tblVehicleEF | MDV | 0.22 | 0.45 |
| tblVehicleEF | MH | 0.03 | 9.6750e-003 |

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|---|---|---|---|
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| tblVehicleEF | MH | 2.16 | 1.16 |
| tblVehicleEF | MH | 5.59 | 2.07 |
| tblVehicleEF | MH | 1,102.49 | 1,478.68 |
| tblVehicleEF | MH | 59.08 | 18.78 |
| tblVehicleEF | MH | 1.23 | 1.26 |
| tblVehicleEF | MH | 0.79 | 0.24 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.03 |
| tblVehicleEF | MH | 1.0760e-003 | 2.6200e-004 |
| tblVehicleEF | MH | 3.2190e-003 | 3.2690e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 9.9000e-004 | 2.4100e-004 |
| tblVehicleEF | MH | 1.05 | 0.90 |
| tblVehicleEF | MH | 0.07 | 0.06 |
| tblVehicleEF | MH | 0.43 | 0.36 |
| tblVehicleEF | MH | 0.08 | 0.06 |
| tblVehicleEF | MH | 0.02 | 1.37 |
| tblVehicleEF | MH | 0.32 | 0.09 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 6.8800e-004 | 1.8600e-004 |
| tblVehicleEF | MH | 1.05 | 0.90 |
| tblVehicleEF | MH | 0.07 | 0.06 |
| tblVehicleEF | MH | 0.43 | 0.36 |
| tblVehicleEF | MH | 0.12 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.37 |
| tblVehicleEF | MH | 0.35 | 0.10 |
| tblVehicleEF | MH | 0.03 | 9.8973e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 2.22 | 1.19 |

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|---|---|---|---|
| tblVehicleEF | MH | 5.25 | 1.95 |
| tblVehicleEF | MH | 1,102.49 | 1,478.73 |
| tblVehicleEF | MH | 59.08 | 18.58 |
| tblVehicleEF | MH | 1.13 | 1.17 |
| tblVehicleEF | MH | 0.76 | 0.23 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.03 |
| tblVehicleEF | MH | 1.0760e-003 | 2.6221e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.2190e-003 | 3.2685e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 9.9000e-004 | 2.4109e-004 |
| tblVehicleEF | MH | 1.62 | 1.38 |
| tblVehicleEF | MH | 0.07 | 0.06 |
| tblVehicleEF | MH | 0.66 | 0.56 |
| tblVehicleEF | MH | 0.09 | 0.06 |
| tblVehicleEF | MH | 0.02 | 1.35 |
| tblVehicleEF | MH | 0.31 | 0.09 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 6.8200e-004 | 1.8387e-004 |
| tblVehicleEF | MH | 1.62 | 1.38 |
| tblVehicleEF | MH | 0.07 | 0.06 |
| tblVehicleEF | MH | 0.66 | 0.56 |
| tblVehicleEF | MH | 0.12 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.35 |
| tblVehicleEF | MH | 0.34 | 0.10 |
| tblVehicleEF | MH | 0.03 | 9.6224e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 2.14 | 1.15 |

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|---|---|---|---|
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| tblVehicleEF | MH | 1,102.49 | 1,478.67 |
| tblVehicleEF | MH | 59.08 | 18.81 |
| tblVehicleEF | MH | 1.20 | 1.23 |
| tblVehicleEF | MH | 0.79 | 0.24 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.03 |
| tblVehicleEF | MH | 1.0760e-003 | 2.6221e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.2190e-003 | 3.2685e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 9.9000e-004 | 2.4109e-004 |
| tblVehicleEF | MH | 1.15 | 0.97 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.43 | 0.37 |
| tblVehicleEF | MH | 0.08 | 0.06 |
| tblVehicleEF | MH | 0.02 | 1.45 |
| tblVehicleEF | MH | 0.32 | 0.09 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 6.8900e-004 | 1.8619e-004 |
| tblVehicleEF | MH | 1.15 | 0.97 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.43 | 0.37 |
| tblVehicleEF | MH | 0.11 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.45 |
| tblVehicleEF | MH | 0.35 | 0.10 |
| tblVehicleEF | MHD | 0.02 | 4.1960e-003 |
| tblVehicleEF | MHD | 4.1830e-003 | 4.0320e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |

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|---|---|---|---|
| tblVehicleEF | MHD | 0.36 | 0.38 |
| tblVehicleEF | MHD | 0.33 | 0.41 |
| tblVehicleEF | MHD | 5.78 | 1.27 |
| tblVehicleEF | MHD | 140.95 | 64.96 |
| tblVehicleEF | MHD | 1,135.28 | 1,044.05 |
| tblVehicleEF | MHD | 59.98 | 11.27 |
| tblVehicleEF | MHD | 0.52 | 0.46 |
| tblVehicleEF | MHD | 1.09 | 1.57 |
| tblVehicleEF | MHD | 10.59 | 1.31 |
| tblVehicleEF | MHD | 3.2100e-004 | 1.0750e-003 |
| tblVehicleEF | MHD | 5.1490e-003 | 0.03 |
| tblVehicleEF | MHD | 7.9400e-004 | 1.2100e-004 |
| tblVehicleEF | MHD | 3.0700e-004 | 1.0280e-003 |
| tblVehicleEF | MHD | 4.9220e-003 | 0.03 |
| tblVehicleEF | MHD | 7.3000e-004 | 1.1200e-004 |
| tblVehicleEF | MHD | 1.1590e-003 | 5.9600e-004 |
| tblVehicleEF | MHD | 0.04 | 0.02 |
| tblVehicleEF | MHD | 0.03 | 0.02 |
| tblVehicleEF | MHD | 7.2500e-004 | 3.7500e-004 |
| tblVehicleEF | MHD | 0.04 | 0.06 |
| tblVehicleEF | MHD | 0.02 | 0.12 |
| tblVehicleEF | MHD | 0.35 | 0.06 |
| tblVehicleEF | MHD | 1.3570e-003 | 6.1700e-004 |
| tblVehicleEF | MHD | 0.01 | 9.9730e-003 |
| tblVehicleEF | MHD | 7.0100e-004 | 1.1200e-004 |
| tblVehicleEF | MHD | 1.1590e-003 | 5.9600e-004 |
| tblVehicleEF | MHD | 0.04 | 0.02 |
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 7.2500e-004 | 3.7500e-004 |
| tblVehicleEF | MHD | 0.05 | 0.07 |

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| tblVehicleEF | MHD | 0.02 | 0.12 |
| tblVehicleEF | MHD | 0.39 | 0.06 |
| tblVehicleEF | MHD | 0.02 | 3.9786e-003 |
| tblVehicleEF | MHD | 4.2400e-003 | 4.0723e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |
| tblVehicleEF | MHD | 0.26 | 0.31 |
| tblVehicleEF | MHD | 0.33 | 0.42 |
| tblVehicleEF | MHD | 5.50 | 1.21 |
| tblVehicleEF | MHD | 149.29 | 65.72 |
| tblVehicleEF | MHD | 1,135.28 | 1,044.05 |
| tblVehicleEF | MHD | 59.98 | 11.16 |
| tblVehicleEF | MHD | 0.54 | 0.46 |
| tblVehicleEF | MHD | 1.03 | 1.48 |
| tblVehicleEF | MHD | 10.55 | 1.31 |
| tblVehicleEF | MHD | 2.7000e-004 | 9.0840e-004 |
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 5.1490e-003 | 0.03 |
| tblVehicleEF | MHD | 7.9400e-004 | 1.2136e-004 |
| tblVehicleEF | MHD | 2.5900e-004 | 8.6911e-004 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 4.9220e-003 | 0.03 |
| tblVehicleEF | MHD | 7.3000e-004 | 1.1159e-004 |
| tblVehicleEF | MHD | 1.8110e-003 | 9.2226e-004 |
| tblVehicleEF | MHD | 0.05 | 0.02 |
| tblVehicleEF | MHD | 0.02 | 0.02 |
| tblVehicleEF | MHD | 1.0870e-003 | 5.5868e-004 |
| tblVehicleEF | MHD | 0.04 | 0.06 |
| tblVehicleEF | MHD | 0.02 | 0.12 |

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|---|---|---|---|
| tblVehicleEF | MHD | 0.34 | 0.06 |
| tblVehicleEF | MHD | 1.4350e-003 | 6.2465e-004 |
| tblVehicleEF | MHD | 0.01 | 9.9736e-003 |
| tblVehicleEF | MHD | 6.9600e-004 | 1.1048e-004 |
| tblVehicleEF | MHD | 1.8110e-003 | 9.2226e-004 |
| tblVehicleEF | MHD | 0.05 | 0.02 |
| tblVehicleEF | MHD | 0.03 | 0.03 |
| tblVehicleEF | MHD | 1.0870e-003 | 5.5868e-004 |
| tblVehicleEF | MHD | 0.05 | 0.07 |
| tblVehicleEF | MHD | 0.02 | 0.12 |
| tblVehicleEF | MHD | 0.37 | 0.06 |
| tblVehicleEF | MHD | 0.02 | 4.5103e-003 |
| tblVehicleEF | MHD | 4.1660e-003 | 4.0186e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |
| tblVehicleEF | MHD | 0.49 | 0.47 |
| tblVehicleEF | MHD | 0.33 | 0.41 |
| tblVehicleEF | MHD | 5.84 | 1.28 |
| tblVehicleEF | MHD | 129.42 | 63.91 |
| tblVehicleEF | MHD | 1,135.28 | 1,044.04 |
| tblVehicleEF | MHD | 59.98 | 11.29 |
| tblVehicleEF | MHD | 0.50 | 0.46 |
| tblVehicleEF | MHD | 1.07 | 1.54 |
| tblVehicleEF | MHD | 10.59 | 1.31 |
| tblVehicleEF | MHD | 3.9000e-004 | 1.3042e-003 |
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 5.1490e-003 | 0.03 |
| tblVehicleEF | MHD | 7.9400e-004 | 1.2136e-004 |
| tblVehicleEF | MHD | 3.7300e-004 | 1.2478e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |

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| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 4.9220e-003 | 0.03 |
| tblVehicleEF | MHD | 7.3000e-004 | 1.1159e-004 |
| tblVehicleEF | MHD | 1.1430e-003 | 5.9436e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.03 | 0.02 |
| tblVehicleEF | MHD | 6.9800e-004 | 3.6353e-004 |
| tblVehicleEF | MHD | 0.04 | 0.06 |
| tblVehicleEF | MHD | 0.02 | 0.13 |
| tblVehicleEF | MHD | 0.36 | 0.06 |
| tblVehicleEF | MHD | 1.2480e-003 | 6.0712e-004 |
| tblVehicleEF | MHD | 0.01 | 9.9735e-003 |
| tblVehicleEF | MHD | 7.0200e-004 | 1.1173e-004 |
| tblVehicleEF | MHD | 1.1430e-003 | 5.9436e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 6.9800e-004 | 3.6353e-004 |
| tblVehicleEF | MHD | 0.05 | 0.07 |
| tblVehicleEF | MHD | 0.02 | 0.13 |
| tblVehicleEF | MHD | 0.39 | 0.07 |
| tblVehicleEF | OBUS | 0.01 | 8.5600e-003 |
| tblVehicleEF | OBUS | 7.6080e-003 | 6.8620e-003 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.28 | 0.57 |
| tblVehicleEF | OBUS | 0.52 | 0.78 |
| tblVehicleEF | OBUS | 5.46 | 2.41 |
| tblVehicleEF | OBUS | 101.26 | 88.88 |
| tblVehicleEF | OBUS | 1,235.74 | 1,389.18 |
| tblVehicleEF | OBUS | 68.49 | 19.57 |
| tblVehicleEF | OBUS | 0.45 | 0.43 |

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|---|---|---|---|
| tblVehicleEF | OBUS | 1.44 | 1.49 |
| tblVehicleEF | OBUS | 2.43 | 0.73 |
| tblVehicleEF | OBUS | 1.0100e-004 | 7.3900e-004 |
| tblVehicleEF | OBUS | 6.9700e-003 | 0.02 |
| tblVehicleEF | OBUS | 8.2900e-004 | 1.9900e-004 |
| tblVehicleEF | OBUS | 9.7000e-005 | 7.0700e-004 |
| tblVehicleEF | OBUS | 6.6520e-003 | 0.02 |
| tblVehicleEF | OBUS | 7.6200e-004 | 1.8300e-004 |
| tblVehicleEF | OBUS | 1.5340e-003 | 1.9530e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.05 |
| tblVehicleEF | OBUS | 7.9200e-004 | 9.7400e-004 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 0.04 | 0.26 |
| tblVehicleEF | OBUS | 0.34 | 0.12 |
| tblVehicleEF | OBUS | 9.7800e-004 | 8.4600e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 7.8100e-004 | 1.9400e-004 |
| tblVehicleEF | OBUS | 1.5340e-003 | 1.9530e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.05 | 0.07 |
| tblVehicleEF | OBUS | 7.9200e-004 | 9.7400e-004 |
| tblVehicleEF | OBUS | 0.07 | 0.08 |
| tblVehicleEF | OBUS | 0.04 | 0.26 |
| tblVehicleEF | OBUS | 0.37 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 8.6168e-003 |
| tblVehicleEF | OBUS | 7.7360e-003 | 6.9838e-003 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.26 | 0.56 |
| tblVehicleEF | OBUS | 0.53 | 0.79 |

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|---|---|---|---|
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| tblVehicleEF | OBUS | 106.28 | 88.75 |
| tblVehicleEF | OBUS | 1,235.74 | 1,389.21 |
| tblVehicleEF | OBUS | 68.49 | 19.34 |
| tblVehicleEF | OBUS | 0.47 | 0.42 |
| tblVehicleEF | OBUS | 1.35 | 1.40 |
| tblVehicleEF | OBUS | 2.39 | 0.72 |
| tblVehicleEF | OBUS | 8.5000e-005 | 6.2834e-004 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 6.9700e-003 | 0.02 |
| tblVehicleEF | OBUS | 8.2900e-004 | 1.9895e-004 |
| tblVehicleEF | OBUS | 8.1000e-005 | 6.0116e-004 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 6.6520e-003 | 0.02 |
| tblVehicleEF | OBUS | 7.6200e-004 | 1.8293e-004 |
| tblVehicleEF | OBUS | 2.3330e-003 | 2.9398e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.06 |
| tblVehicleEF | OBUS | 1.1860e-003 | 1.4442e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.33 | 0.11 |
| tblVehicleEF | OBUS | 1.0260e-003 | 8.4477e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 7.7500e-004 | 1.9139e-004 |
| tblVehicleEF | OBUS | 2.3330e-003 | 2.9398e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.05 | 0.07 |

| | | | |
|---|---|---|---|
| tblVehicleEF | OBUS | 1.1860e-003 | 1.4442e-003 |
| tblVehicleEF | OBUS | 0.07 | 0.08 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.36 | 0.12 |
| tblVehicleEF | OBUS | 0.01 | 8.5020e-003 |
| tblVehicleEF | OBUS | 7.5760e-003 | 6.8295e-003 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.30 | 0.59 |
| tblVehicleEF | OBUS | 0.52 | 0.77 |
| tblVehicleEF | OBUS | 5.52 | 2.43 |
| tblVehicleEF | OBUS | 94.33 | 89.05 |
| tblVehicleEF | OBUS | 1,235.74 | 1,389.17 |
| tblVehicleEF | OBUS | 68.49 | 19.61 |
| tblVehicleEF | OBUS | 0.43 | 0.44 |
| tblVehicleEF | OBUS | 1.42 | 1.46 |
| tblVehicleEF | OBUS | 2.43 | 0.73 |
| tblVehicleEF | OBUS | 1.2300e-004 | 8.9290e-004 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 6.9700e-003 | 0.02 |
| tblVehicleEF | OBUS | 8.2900e-004 | 1.9895e-004 |
| tblVehicleEF | OBUS | 1.1800e-004 | 8.5428e-004 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 6.6520e-003 | 0.02 |
| tblVehicleEF | OBUS | 7.6200e-004 | 1.8293e-004 |
| tblVehicleEF | OBUS | 1.5400e-003 | 2.0059e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.05 |
| tblVehicleEF | OBUS | 7.7300e-004 | 9.6051e-004 |

| | | | |
|---|---|---|---|
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 0.04 | 0.28 |
| tblVehicleEF | OBUS | 0.34 | 0.12 |
| tblVehicleEF | OBUS | 9.1200e-004 | 8.4763e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 7.8200e-004 | 1.9407e-004 |
| tblVehicleEF | OBUS | 1.5400e-003 | 2.0059e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.05 | 0.07 |
| tblVehicleEF | OBUS | 7.7300e-004 | 9.6051e-004 |
| tblVehicleEF | OBUS | 0.07 | 0.08 |
| tblVehicleEF | OBUS | 0.04 | 0.28 |
| tblVehicleEF | OBUS | 0.38 | 0.13 |
| tblVehicleEF | SBUS | 0.84 | 0.07 |
| tblVehicleEF | SBUS | 0.01 | 7.8090e-003 |
| tblVehicleEF | SBUS | 0.07 | 6.9140e-003 |
| tblVehicleEF | SBUS | 7.94 | 2.95 |
| tblVehicleEF | SBUS | 0.75 | 0.68 |
| tblVehicleEF | SBUS | 7.34 | 0.95 |
| tblVehicleEF | SBUS | 1,132.35 | 356.10 |
| tblVehicleEF | SBUS | 1,090.38 | 1,104.99 |
| tblVehicleEF | SBUS | 53.84 | 5.77 |
| tblVehicleEF | SBUS | 9.37 | 3.33 |
| tblVehicleEF | SBUS | 4.27 | 4.96 |
| tblVehicleEF | SBUS | 12.37 | 0.82 |
| tblVehicleEF | SBUS | 9.5120e-003 | 4.3000e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.5100e-004 | 5.4000e-005 |
| tblVehicleEF | SBUS | 9.1010e-003 | 4.1140e-003 |

| | | | |
|---|---|---|---|
| tblVehicleEF | SBUS | 2.6840e-003 | 2.6610e-003 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 6.9100e-004 | 4.9000e-005 |
| tblVehicleEF | SBUS | 3.6290e-003 | 1.1130e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.1650e-003 |
| tblVehicleEF | SBUS | 0.95 | 0.34 |
| tblVehicleEF | SBUS | 1.8660e-003 | 5.7300e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.10 |
| tblVehicleEF | SBUS | 0.01 | 0.06 |
| tblVehicleEF | SBUS | 0.39 | 0.04 |
| tblVehicleEF | SBUS | 0.01 | 3.4000e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.6500e-004 | 5.7000e-005 |
| tblVehicleEF | SBUS | 3.6290e-003 | 1.1130e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.1650e-003 |
| tblVehicleEF | SBUS | 1.36 | 0.49 |
| tblVehicleEF | SBUS | 1.8660e-003 | 5.7300e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.12 |
| tblVehicleEF | SBUS | 0.01 | 0.06 |
| tblVehicleEF | SBUS | 0.42 | 0.04 |
| tblVehicleEF | SBUS | 0.84 | 0.07 |
| tblVehicleEF | SBUS | 0.01 | 7.9022e-003 |
| tblVehicleEF | SBUS | 0.06 | 6.0748e-003 |
| tblVehicleEF | SBUS | 7.82 | 2.91 |
| tblVehicleEF | SBUS | 0.76 | 0.69 |
| tblVehicleEF | SBUS | 5.84 | 0.75 |
| tblVehicleEF | SBUS | 1,183.85 | 364.72 |
| tblVehicleEF | SBUS | 1,090.38 | 1,105.01 |
| tblVehicleEF | SBUS | 53.84 | 5.44 |
| tblVehicleEF | SBUS | 9.67 | 3.40 |

| | | | |
|---|---|---|---|
| tblVehicleEF | SBUS | 4.02 | 4.67 |
| tblVehicleEF | SBUS | 12.34 | 0.81 |
| tblVehicleEF | SBUS | 8.0190e-003 | 3.6321e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.5100e-004 | 5.3615e-005 |
| tblVehicleEF | SBUS | 7.6720e-003 | 3.4750e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.6840e-003 | 2.6612e-003 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 6.9100e-004 | 4.9297e-005 |
| tblVehicleEF | SBUS | 5.6260e-003 | 1.7224e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.3972e-003 |
| tblVehicleEF | SBUS | 0.94 | 0.34 |
| tblVehicleEF | SBUS | 2.8700e-003 | 8.7954e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.10 |
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.34 | 0.04 |
| tblVehicleEF | SBUS | 0.01 | 3.4810e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.4000e-004 | 5.3826e-005 |
| tblVehicleEF | SBUS | 5.6260e-003 | 1.7224e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.3972e-003 |
| tblVehicleEF | SBUS | 1.36 | 0.49 |
| tblVehicleEF | SBUS | 2.8700e-003 | 8.7954e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.12 |
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.37 | 0.04 |
| tblVehicleEF | SBUS | 0.84 | 0.07 |

| | | | |
|---|---|---|---|
| tblVehicleEF | SBUS | 0.01 | 7.7871e-003 |
| tblVehicleEF | SBUS | 0.07 | 7.0886e-003 |
| tblVehicleEF | SBUS | 8.10 | 3.00 |
| tblVehicleEF | SBUS | 0.75 | 0.67 |
| tblVehicleEF | SBUS | 7.60 | 0.98 |
| tblVehicleEF | SBUS | 1,061.23 | 344.19 |
| tblVehicleEF | SBUS | 1,090.38 | 1,104.99 |
| tblVehicleEF | SBUS | 53.84 | 5.82 |
| tblVehicleEF | SBUS | 8.96 | 3.22 |
| tblVehicleEF | SBUS | 4.20 | 4.88 |
| tblVehicleEF | SBUS | 12.37 | 0.82 |
| tblVehicleEF | SBUS | 0.01 | 5.2229e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.5100e-004 | 5.3615e-005 |
| tblVehicleEF | SBUS | 0.01 | 4.9969e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.6840e-003 | 2.6612e-003 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 6.9100e-004 | 4.9297e-005 |
| tblVehicleEF | SBUS | 3.5410e-003 | 1.0863e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.6015e-003 |
| tblVehicleEF | SBUS | 0.95 | 0.34 |
| tblVehicleEF | SBUS | 1.8040e-003 | 5.5621e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.10 |
| tblVehicleEF | SBUS | 0.02 | 0.07 |
| tblVehicleEF | SBUS | 0.40 | 0.04 |
| tblVehicleEF | SBUS | 0.01 | 3.2870e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |

| | | | |
|---|---|---|---|
| tblVehicleEF | SBUS | 6.7000e-004 | 5.7598e-005 |
| tblVehicleEF | SBUS | 3.5410e-003 | 1.0863e-003 |
| tblVehicleEF | SBUS | 0.03 | 9.6015e-003 |
| tblVehicleEF | SBUS | 1.37 | 0.49 |
| tblVehicleEF | SBUS | 1.8040e-003 | 5.5621e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.12 |
| tblVehicleEF | SBUS | 0.02 | 0.07 |
| tblVehicleEF | SBUS | 0.44 | 0.04 |
| tblVehicleEF | UBUS | 2.35 | 5.43 |
| tblVehicleEF | UBUS | 0.06 | 0.02 |
| tblVehicleEF | UBUS | 10.43 | 42.26 |
| tblVehicleEF | UBUS | 10.25 | 0.95 |
| tblVehicleEF | UBUS | 1,922.34 | 1,952.53 |
| tblVehicleEF | UBUS | 110.12 | 11.60 |
| tblVehicleEF | UBUS | 8.39 | 0.45 |
| tblVehicleEF | UBUS | 14.66 | 0.12 |
| tblVehicleEF | UBUS | 0.58 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.11 | 3.0740e-003 |
| tblVehicleEF | UBUS | 1.1660e-003 | 6.0000e-005 |
| tblVehicleEF | UBUS | 0.25 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.5900e-003 |
| tblVehicleEF | UBUS | 0.10 | 2.9360e-003 |
| tblVehicleEF | UBUS | 1.0720e-003 | 5.5000e-005 |
| tblVehicleEF | UBUS | 5.1000e-003 | 9.7700e-004 |
| tblVehicleEF | UBUS | 0.08 | 0.01 |
| tblVehicleEF | UBUS | 2.8840e-003 | 7.6500e-004 |
| tblVehicleEF | UBUS | 0.74 | 0.08 |
| tblVehicleEF | UBUS | 0.02 | 0.08 |
| tblVehicleEF | UBUS | 0.79 | 0.07 |

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|---|---|---|---|
| tblVehicleEF | UBUS | 9.5950e-003 | 2.3120e-003 |
| tblVehicleEF | UBUS | 1.2860e-003 | 1.1500e-004 |
| tblVehicleEF | UBUS | 5.1000e-003 | 9.7700e-004 |
| tblVehicleEF | UBUS | 0.08 | 0.01 |
| tblVehicleEF | UBUS | 2.8840e-003 | 7.6500e-004 |
| tblVehicleEF | UBUS | 3.18 | 5.55 |
| tblVehicleEF | UBUS | 0.02 | 0.08 |
| tblVehicleEF | UBUS | 0.86 | 0.07 |
| tblVehicleEF | UBUS | 2.36 | 5.43 |
| tblVehicleEF | UBUS | 0.05 | 0.01 |
| tblVehicleEF | UBUS | 10.48 | 42.26 |
| tblVehicleEF | UBUS | 8.90 | 0.83 |
| tblVehicleEF | UBUS | 1,922.34 | 1,952.53 |
| tblVehicleEF | UBUS | 110.12 | 11.40 |
| tblVehicleEF | UBUS | 7.90 | 0.45 |
| tblVehicleEF | UBUS | 14.60 | 0.11 |
| tblVehicleEF | UBUS | 0.58 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.11 | 3.0743e-003 |
| tblVehicleEF | UBUS | 1.1660e-003 | 5.9592e-005 |
| tblVehicleEF | UBUS | 0.25 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.5896e-003 |
| tblVehicleEF | UBUS | 0.10 | 2.9364e-003 |
| tblVehicleEF | UBUS | 1.0720e-003 | 5.4793e-005 |
| tblVehicleEF | UBUS | 7.6030e-003 | 1.4423e-003 |
| tblVehicleEF | UBUS | 0.08 | 0.01 |
| tblVehicleEF | UBUS | 4.3100e-003 | 1.1013e-003 |
| tblVehicleEF | UBUS | 0.75 | 0.08 |
| tblVehicleEF | UBUS | 0.02 | 0.07 |
| tblVehicleEF | UBUS | 0.72 | 0.06 |

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|---|---|---|---|
| tblVehicleEF | UBUS | 9.5960e-003 | 2.3120e-003 |
| tblVehicleEF | UBUS | 1.2630e-003 | 1.1277e-004 |
| tblVehicleEF | UBUS | 7.6030e-003 | 1.4423e-003 |
| tblVehicleEF | UBUS | 0.08 | 0.01 |
| tblVehicleEF | UBUS | 4.3100e-003 | 1.1013e-003 |
| tblVehicleEF | UBUS | 3.19 | 5.55 |
| tblVehicleEF | UBUS | 0.02 | 0.07 |
| tblVehicleEF | UBUS | 0.79 | 0.07 |
| tblVehicleEF | UBUS | 2.35 | 5.43 |
| tblVehicleEF | UBUS | 0.06 | 0.02 |
| tblVehicleEF | UBUS | 10.41 | 42.26 |
| tblVehicleEF | UBUS | 10.46 | 0.96 |
| tblVehicleEF | UBUS | 1,922.34 | 1,952.53 |
| tblVehicleEF | UBUS | 110.12 | 11.63 |
| tblVehicleEF | UBUS | 8.23 | 0.45 |
| tblVehicleEF | UBUS | 14.67 | 0.12 |
| tblVehicleEF | UBUS | 0.58 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.11 | 3.0743e-003 |
| tblVehicleEF | UBUS | 1.1660e-003 | 5.9592e-005 |
| tblVehicleEF | UBUS | 0.25 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.5896e-003 |
| tblVehicleEF | UBUS | 0.10 | 2.9364e-003 |
| tblVehicleEF | UBUS | 1.0720e-003 | 5.4793e-005 |
| tblVehicleEF | UBUS | 5.5780e-003 | 9.5046e-004 |
| tblVehicleEF | UBUS | 0.10 | 0.01 |
| tblVehicleEF | UBUS | 2.9770e-003 | 7.3313e-004 |
| tblVehicleEF | UBUS | 0.74 | 0.08 |
| tblVehicleEF | UBUS | 0.03 | 0.10 |
| tblVehicleEF | UBUS | 0.80 | 0.07 |

| | | | |
|---|---|---|---|
| tblVehicleEF | UBUS | 9.5950e-003 | 2.3120e-003 |
| tblVehicleEF | UBUS | 1.2900e-003 | 1.1506e-004 |
| tblVehicleEF | UBUS | 5.5780e-003 | 9.5046e-004 |
| tblVehicleEF | UBUS | 0.10 | 0.01 |
| tblVehicleEF | UBUS | 2.9770e-003 | 7.3313e-004 |
| tblVehicleEF | UBUS | 3.18 | 5.55 |
| tblVehicleEF | UBUS | 0.03 | 0.10 |
| tblVehicleEF | UBUS | 0.88 | 0.07 |
| tblVehicleTrips | ST_TR | 8.19 | 8.36 |
| tblVehicleTrips | SU_TR | 5.95 | 8.36 |
| tblVehicleTrips | WD_TR | 8.17 | 8.36 |

## 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 | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| Energy | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| Mobile | 4.9275 | 4.5472 | 34.9843 | 0.0718 | 7.3560 | 0.0640 | 7.4200 | 1.9603 | 0.0598 | 2.0201 | | 7,314.0828 | 7,314.0828 | 0.5368 | | 7,327.5026 |
| **Total** | **7.7575** | **5.3334** | **35.6835** | **0.0765** | **7.3560** | **0.1239** | **7.4799** | **1.9603** | **0.1196** | **2.0799** | | **8,257.1352** | **8,257.1352** | **0.5551** | **0.0173** | **8,276.1641** |

**Mitigated Operational**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| Energy | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| Mobile | 4.9275 | 4.5472 | 34.9843 | 0.0718 | 7.3560 | 0.0640 | 7.4200 | 1.9603 | 0.0598 | 2.0201 | | 7,314.0828 | 7,314.0828 | 0.5368 | | 7,327.5026 |
| **Total** | **7.7575** | **5.3334** | **35.6835** | **0.0765** | **7.3560** | **0.1239** | **7.4799** | **1.9603** | **0.1196** | **2.0799** | | **8,257.1352** | **8,257.1352** | **0.5551** | **0.0173** | **8,276.1641** |

| | **ROG** | **NOx** | **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** |

# 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 | 4.9275 | 4.5472 | 34.9843 | 0.0718 | 7.3560 | 0.0640 | 7.4200 | 1.9603 | 0.0598 | 2.0201 | | 7,314.0828 | 7,314.0828 | 0.5368 | | 7,327.5026 |
| Unmitigated | 4.9275 | 4.5472 | 34.9843 | 0.0718 | 7.3560 | 0.0640 | 7.4200 | 1.9603 | 0.0598 | 2.0201 | | 7,314.0828 | 7,314.0828 | 0.5368 | | 7,327.5026 |

## 4.2 Trip Summary Information

| | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|---|---|---|---|---|---|
| Land Use | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Enclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | | |
| Hotel | 1,463.00 | 1,463.00 | 1463.00 | 3,490,968 | 3,490,968 |
| Total | 1,463.00 | 1,463.00 | 1,463.00 | 3,490,968 | 3,490,968 |

## 4.3 Trip Type Information

| | Miles | | | Trip % | | | Trip Purpose % | | |
|---|---|---|---|---|---|---|---|---|---|
| Land Use | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| Enclosed Parking with Elevator | 16.60 | 8.40 | 6.90 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| Hotel | 16.60 | 8.40 | 6.90 | 19.40 | 61.60 | 19.00 | 58 | 38 | 4 |

## 4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Enclosed Parking with Elevator | 0.543376 | 0.059966 | 0.184357 | 0.131187 | 0.023843 | 0.006245 | 0.012012 | 0.009162 | 0.000826 | 0.000515 | 0.023898 | 0.000748 | 0.003864 |
| Hotel | 0.543376 | 0.059966 | 0.184357 | 0.131187 | 0.023843 | 0.006245 | 0.012012 | 0.009162 | 0.000826 | 0.000515 | 0.023898 | 0.000748 | 0.003864 |

# 5.0 Energy Detail

Historical Energy Use: N

## 5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| NaturalGas Unmitigated | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |

## 5.2 Energy by Land Use - NaturalGas

**Unmitigated**

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| Enclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hotel | 8015.23 | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| **Total** | | **0.0864** | **0.7858** | **0.6601** | **4.7100e-003** | | **0.0597** | **0.0597** | | **0.0597** | **0.0597** | | **942.9686** | **942.9686** | **0.0181** | **0.0173** | **948.5722** |

**Mitigated**

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| Enclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hotel | 8.01523 | 0.0864 | 0.7858 | 0.6601 | 4.7100e-003 | | 0.0597 | 0.0597 | | 0.0597 | 0.0597 | | 942.9686 | 942.9686 | 0.0181 | 0.0173 | 948.5722 |
| **Total** | | **0.0864** | **0.7858** | **0.6601** | **4.7100e-003** | | **0.0597** | **0.0597** | | **0.0597** | **0.0597** | | **942.9686** | **942.9686** | **0.0181** | **0.0173** | **948.5722** |

# 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 | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| Unmitigated | 2.7436 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |

## 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 | 0.3124 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 2.4276 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 3.6400e-003 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| **Total** | **2.7436** | **3.6000e-004** | **0.0392** | **0.0000** | | **1.4000e-004** | **1.4000e-004** | | **1.4000e-004** | **1.4000e-004** | | **0.0838** | **0.0838** | **2.2000e-004** | | **0.0894** |

**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 | 0.3124 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 2.4276 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 3.6400e-003 | 3.6000e-004 | 0.0392 | 0.0000 | | 1.4000e-004 | 1.4000e-004 | | 1.4000e-004 | 1.4000e-004 | | 0.0838 | 0.0838 | 2.2000e-004 | | 0.0894 |
| **Total** | **2.7436** | **3.6000e-004** | **0.0392** | **0.0000** | | **1.4000e-004** | **1.4000e-004** | | **1.4000e-004** | **1.4000e-004** | | **0.0838** | **0.0838** | **2.2000e-004** | | **0.0894** |

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

## 8.0 Waste Detail

### 8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

## 9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|---|---|---|---|---|---|---|

## 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

| INT_NUMBER | INTERSECT | PERIOD | YEAR | TYPE | ASSUMPT | WL | WT | WR | EL | ET | ER | NL | NT | NR | SL | ST | SR | **Total Volume** | **Max** | **Estimated Traffic Volume** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JEFFERSON BLVD. & MESMER AV. | AM PEAK HOUR | 2024 | FUTURE | WITH PROJECT | 595 | 1274 | 104 | 22 | 1038 | 57 | 48 | 90 | 434 | 86 | 53 | 23 | 3,824 | 7,746 | 77,460 |
| 2 | JEFFERSON BLVD. & I-405 FWY. SB RAMPS | AM PEAK HOUR | 2024 | FUTURE | WITH PROJECT | 398 | 971 | 0 | 0 | 1183 | 370 | 0 | 0 | 0 | 111 | 3 | 1133 | 4,169 | | |
| 3 | JEFFERSON BLVD. & I-405 FWY. NB RAMPS | AM PEAK HOUR | 2024 | FUTURE | WITH PROJECT | 0 | 1021 | 162 | 623 | 826 | 0 | 252 | 281 | 423 | 0 | 0 | 0 | 3,588 | | |
| 4 | SLAUSON AV. & JEFFERSON BLVD. | AM PEAK HOUR | 2024 | FUTURE | WITH PROJECT | 297 | 257 | 6 | 32 | 130 | 143 | 131 | 885 | 169 | 18 | 796 | 70 | 2,934 | | |
| 5 | SLAUSON AV. & SEPULVEDA BLVD. | AM PEAK HOUR | 2024 | FUTURE | WITH PROJECT | 164 | 423 | 297 | 25 | 238 | 62 | 159 | 1641 | 107 | 208 | 958 | 16 | 4,298 | | |
| 6 | SLAUSON AV. & MARINA FWY. | AM PEAK HOUR | 2024 | FUTURE | WITH PROJECT | 2492 | 1233 | 11 | 4 | 426 | 625 | 281 | 0 | 1578 | 0 | 0 | 3 | 6,653 | | |
| 7 | CENTINELA AV. & SEPULVEDA BLVD. | AM PEAK HOUR | 2024 | FUTURE | WITH PROJECT | 327 | 950 | 77 | 97 | 348 | 615 | 1335 | 1466 | 374 | 73 | 1010 | 256 | 6,928 | | |
| 1 | JEFFERSON BLVD. & MESMER AV. | PM PEAK HOUR | 2024 | FUTURE | WITH PROJECT | 242 | 893 | 56 | 16 | 1369 | 56 | 64 | 59 | 408 | 183 | 139 | 17 | 3,502 | | |
| 2 | JEFFERSON BLVD. & I-405 FWY. SB RAMPS | PM PEAK HOUR | 2024 | FUTURE | WITH PROJECT | 549 | 1040 | 0 | 0 | 1381 | 635 | 0 | 0 | 0 | 93 | 0 | 243 | 3,941 | | |
| 3 | JEFFERSON BLVD. & I-405 FWY. NB RAMPS | PM PEAK HOUR | 2024 | FUTURE | WITH PROJECT | 0 | 1219 | 125 | 463 | 977 | 0 | 442 | 3 | 401 | 0 | 0 | 0 | 3,630 | | |
| 4 | SLAUSON AV. & JEFFERSON BLVD. | PM PEAK HOUR | 2024 | FUTURE | WITH PROJECT | 339 | 126 | 29 | 32 | 228 | 254 | 100 | 1030 | 296 | 56 | 680 | 43 | 3,213 | | |
| 5 | SLAUSON AV. & SEPULVEDA BLVD. | PM PEAK HOUR | 2024 | FUTURE | WITH PROJECT | 271 | 321 | 270 | 46 | 353 | 135 | 133 | 1389 | 156 | 295 | 1697 | 25 | 5,091 | | |
| 6 | SLAUSON AV. & MARINA FWY. | PM PEAK HOUR | 2024 | FUTURE | WITH PROJECT | 867 | 807 | 1 | 2 | 860 | 448 | 418 | 0 | 1539 | 0 | 3 | 0 | 4,945 | | |
| 7 | CENTINELA AV. & SEPULVEDA BLVD. | PM PEAK HOUR | 2024 | FUTURE | WITH PROJECT | 422 | 352 | 118 | 160 | 832 | 1436 | 573 | 1246 | 456 | 232 | 1803 | 116 | 7,746 | | |

Source: Crain & Associates, Jefferson Hotel Project Traffic Study, 2019