

Central Coast Layover Facility Project

San Luis Obispo, California

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Prepared for

LOSSAN Rail Corridor Agency

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Executive Summary

Under State CEQA Guidelines Section 15088.5(c), if a revision to an EIR is limited to a few chapters or portions of the EIR, only the chapters or portions that have been modified need to be recirculated. Consistent with CEQA Guidelines Section 15088.5(c), this Recirculated Draft EIR contains only the portions of the Draft EIR (November 2021) that have been modified. Compared to other sections in this Recirculated Draft EIR that are annotated (e.g., Section 3.1, Aesthetics), this section is provided in its entirety and replicated from the Draft EIR (November 2021) for context of revisions. This section has been updated as indicated in ~~strikeout~~ (for text deletions) and underline (for text additions).

THE LOSSAN RAIL CORRIDOR AGENCY REQUESTS THAT REVIEWERS LIMIT THEIR COMMENTS TO THE REVISED/UPDATED PORTION OF THIS SECTION AS INDICATED IN ~~STRIKEOUT~~/UNDERLINE TEXT BELOW. (CEQA Guidelines § 15088.5(f)(2).)

ES.1 Introduction

This Executive Summary is provided in accordance with the California Environmental Quality Act (CEQA) Guidelines Section 15123. As stated in the State CEQA Guidelines Section 15123(a), “[a]n EIR shall contain a brief summary of the proposed actions and its consequences. The language of the summary should be as clear and simple as reasonably practical.” State CEQA Guidelines Section 15123(b) states, “[t]he summary shall identify: 1) each significant effect with proposed mitigation measures and alternatives that would reduce or avoid that effect; 2) areas of controversy known to the Lead Agency, including issues raised by agencies and the public; and 3) issues to be resolved including the choice among alternatives and whether or how to mitigate the significant effects.” Accordingly, this summary includes a brief synopsis of the proposed Central Coast Layover Facility Project, environmental impacts and mitigation, areas of known controversy, and issues to be resolved during environmental review.

ES.2 Project Overview

The Los Angeles – San Diego – San Luis Obispo (LOSSAN) Rail Corridor Agency is proposing the relocation and expansion of the existing Pacific Surfliner layover track and facility, located at the northern end of the LOSSAN rail corridor in San Luis Obispo, California. The proposed Central Coast Layover Facility (proposed project or CCLF) would increase overnight layover and storage capacity to support the service goals and objectives outlined for the Pacific Surfliner in both the 2018 California State Rail Plan and the LOSSAN Rail Corridor Agency’s Fiscal Year 2019-20 and 2020-21 Business Plan.

The LOSSAN Rail Corridor Agency is proposing to construct a new rail yard, storage and servicing tracks, operations and maintenance buildings, landscape improvements, pedestrian improvements, and safety and security features on approximately 13 acres of relatively undeveloped land in the City of San Luis Obispo, California. The city is situated along the Central Coast region of California, approximately 190 miles north of Los Angeles. The existing Pacific Surfliner layover facility is located directly across from the San Luis Obispo Amtrak Station, located at 1011 Railroad Avenue. The proposed project is located approximately 0.3-mile south of the existing San Luis Obispo Amtrak Station (1011 Railroad Avenue). The project site extends from south of the San Luis Obispo Railroad

Museum's parking lot to east of Lawrence Drive. The project site is between the Union Pacific Main Tracks and existing commercial and residential development to the west.

Since funding is not available to construct the entire facility at once, construction phasing for the project is anticipated. This includes constructing the initial most critical portions of the facility, and the remaining components as need arises and funding becomes available. A detailed phasing discussion is provided in Chapter 2.0, Project Description (see Section 2.3.11).

ES.3 Project Objectives

- Address current and future need for capacity. Increase overnight layover and storage capacity at the northern end of the LOSSAN rail corridor to support the service goals and objectives outlined for the Pacific Surfliner in both the 2018 California State Rail Plan (State Rail Plan) and the LOSSAN Rail Corridor Agency's Fiscal Year (FY) 2019-20 and 2020-21 Business Plan (Business Plan).
- Address current need for increased maintenance capabilities. Ability to perform additional maintenance services including inspections will improve equipment utilization and operational flexibility of service plans; currently each vehicle laying over in San Luis Obispo must regularly cycle through the Los Angeles maintenance facility to perform inspections every 3 to 4 days.
- Create opportunity to accommodate planned ultimate project phasing. Construct the facility on a site that meets minimum planning criteria for ultimate space needs, including capacity for storage of 4-5 train sets.
- Create opportunity to accommodate planned phasing of maintenance capabilities. Construct a facility that meets the programmatic requirements and site layouts for the facility including planning ratios and space needs pertaining to the unique functions and equipment required at the CCLF.
- Maintain or improve operational efficiency. Provide reasonably efficient operation to and from the future facility including accessibility by rail and proximity to the terminal station in San Luis Obispo. Ideally, the site would be adjacent to tangent mainline track.
- Minimize or avoid operational impacts to Union Pacific (UP). The current layover facility location requires trains to make a reverse move onto the UP mainline in single track territory to enter and exit the facility, preventing other trains from passing through the corridor during the move.
- Support service goals and improvements for the Central Coast region as defined by the 2018 California State Rail Plan for the short-term, mid-term and long-term horizons.

ES.4 Agency Roles and Responsibilities

The LOSSAN Rail Corridor Agency has been designated as the lead agency for the proposed project, per Section 21067 of the CEQA and Sections 15367 and 15050 of the State CEQA Guidelines. CEQA defines a lead agency as "the public agency which has the principal responsibility for carrying out or approving a project which may have a significant effect upon the environment."

Responsible and trustee agencies are public agencies responsible for certain discretionary project approvals or implementing specific onsite and/or offsite components of the project. For the purposes

of CEQA, a “responsible agency” includes all public agencies other than the Lead Agency which have discretionary approval power over the project (CEQA Section 15381). A “trustee agency” is defined as a state agency having jurisdiction over certain resources held in trust for the people of California but do not have legal authority for approval of the project (CEQA Section 15386). Additionally, some agencies may have permitting authority over certain aspects of the project. Potential responsible, trustee and regulatory permitting agencies for the project include the following:

- U.S. Army Corps of Engineers (USACE)
 - o Clean Water Act (CWA) Section 404 permit (if required)
- California Department of Fish and Wildlife (CDFW)
 - o Endangered Species compliance
- Central Coast Regional Water Quality Control Board (RWQCB)
 - o National Pollutant Discharge Elimination System (NPDES) Construction General Permit
 - o NPDES General Permit for Waste Discharge Requirements (WDR) for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems
 - o NPDES General Permit for Storm Water Discharges Associated with Industrial Activities
- San Luis Obispo Air Pollution Control District (APCD)
 - o Construction Permit Requirements – Portable generators and equipment with engines that are 50 horsepower or greater
- Union Pacific
 - o Approval of track design connecting to existing main tracks
 - o Approval of property purchase or lease to the LOSSAN Rail Corridor Agency

ES.5 Summary of Impacts and Mitigation Measures

Table ES-1 provides a summary of the environmental impacts for the proposed project. The table provides the level of significance of the impact before mitigation, recommended mitigation measures, and the level of significance of the impact after implementation of the mitigation measures.

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Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
|--|--------------------------------|---|-------------------------------|
| Aesthetics | | | |
| Impact 3.2-1: Scenic Vista. The proposed project would not have a substantial adverse effect on a scenic vista. | NI | No mitigation is required. | NI |
| Impact 3.2-2: Scenic Resources. The proposed project would not substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic building within a state scenic highway. | NI | No mitigation is required. | NI |
| Impact 3.2-3: Degrade Existing Visual Character. The proposed project would not substantially degrade the existing visual character or quality of public views of the site and its surroundings. | LTS | No mitigation is required. | LTS |
| Impact 3.2-4: Light and Glare. The proposed project would not significantly affect the day or nighttime views in the project area. | LTS | No mitigation is required. | LTS |
| Air Quality | | | |
| Impact 3.3-1: Conflict with or Obstruct Implementation of the Applicable Air Quality Plan. The proposed project would not conflict with or obstruct Implementation of the applicable air quality plan. | LTS | No mitigation is required. | LTS |
| Impact 3.3-2: Cumulatively Considerable Net Increase of Any Criteria Pollutant. The proposed project would not 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. | LTS | <p><u>AQ-3 Fugitive Dust Mitigation Measures: Expanded List.</u> <u>Construction activities can generate fugitive dust, which could be a nuisance to residents and businesses in close proximity to the proposed construction site. Projects with grading areas more than 4 acres and/or within 1,000 feet of any sensitive receptor shall implement the following mitigation measures to manage fugitive dust emissions such that they do not exceed the APCD 20% opacity limit (APCD Rule 401) and minimize nuisance (APCD Rule 402) impacts:</u></p> <p>a. Reduce the amount of the disturbed area where</p> | LTS |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
|----------------------|--------------------------------|--|-------------------------------|
| | | <p><u>possible;</u></p> <p>b. <u>Use of water trucks or sprinkler systems in sufficient quantities to prevent airborne dust from leaving the site and from exceeding the APCD's limit of 20% opacity for greater than 3 minutes in any 60-minute period. Increased watering frequency would be required whenever wind speeds exceed 15 mph. Reclaimed (non-potable) water should be used whenever possible. When drought conditions exist and water use is a concern, the contractor or builder should consider use of a dust suppressant that is effective for the specific site conditions to reduce the amount of water used for dust control. Please refer to the following link from the San Joaquin Valley Air District for a list of potential dust suppressants: Products Available for Controlling Dust;</u></p> <p>c. <u>All dirt stockpile areas should be sprayed daily and covered with tarps or other dust barriers as needed;</u></p> <p>d. <u>All roadways, driveways, sidewalks, etc. to be paved should be completed as soon as possible, and building pads should be laid as soon as possible after grading unless seeding, soil binders or other dust controls are used;</u></p> <p>e. <u>All trucks hauling dirt, sand, soil, or other loose materials are to be covered or should maintain at least two feet of freeboard (minimum vertical distance between top of load and top of trailer) or otherwise comply with California Vehicle Code (CVC) Section 23114;</u></p> <p><u>"Track-Out" is defined as sand or soil that adheres to and/or agglomerates on the exterior surfaces of motor vehicles and/or equipment (including tires) that may then fall onto any highway or street as described in CVC Section 23113 and California Water Code 13304. To prevent 'track out', designate access points and require all employees, subcontractors, and others to use them. Install and operate a 'track-out prevention device' where vehicles enter and exit unpaved roads onto paved streets. The 'track-out</u></p> | |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
|----------------------|--------------------------------|---|-------------------------------|
| | | <p><u>prevention device' can be any device or combination of devices that are effective at preventing track out, located at the point of intersection of an unpaved area and a paved road. Rumble strips or steel plate devices need periodic cleaning to be effective. If paved roadways accumulate tracked out soils, the track-out prevention device may need to be</u></p> <ul style="list-style-type: none"> <u>a. modified;</u> <u>b. All fugitive dust mitigation measures shall be shown on grading and building plans;</u> <u>c. The contractor or builder shall designate a person or persons whose responsibility is to ensure any fugitive dust emissions do not result in a nuisance and to enhance the implementation of the mitigation measures as necessary to minimize dust complaints and reduce visible emissions below the APCD's limit of 20% opacity for greater than 3 minutes in any 60-minute period. Their duties shall include holidays and weekend periods when work may not be in progress (for example, wind-blown dust could be generated on an open dirt lot). The name and telephone number of such persons shall be provided to the APCD Compliance Division prior to the start of any grading, earthwork or demolition (Contact the Compliance Division at 805-781-5912).</u> <u>d. Permanent dust control measures identified in the approved project revegetation and landscape plans should be implemented as soon as possible, following completion of any soil disturbing activities;</u> <u>e. Exposed ground areas that are planned to be reworked at dates greater than one month after initial grading should be sown with a fast germinating, non-invasive grass seed and watered until vegetation is established;</u> <u>f. All disturbed soil areas not subject to revegetation should be stabilized using approved chemical soil binders, jute netting, or other methods approved in advance by the APCD;</u> | |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
|----------------------|--------------------------------|--|-------------------------------|
| | | <p>g. <u>Vehicle speed for all construction vehicles shall not exceed 15 mph on any unpaved surface at the construction site;</u></p> <p>h. <u>Sweep streets at the end of each day if visible soil material is carried onto adjacent paved roads. Water sweepers shall be used with reclaimed water where feasible. Roads shall be pre-wetted prior to sweeping when feasible;</u></p> <p>i. <u>Take additional measures as needed to ensure dust from the project site is not impacting areas outside the project boundary.</u></p> <p>AQ-4 Limits of Idling during Construction Phase <u>State law prohibits idling diesel engines for more than 5 minutes. All projects with diesel-powered construction activity shall comply with Section 2485 of Title 13 of the California Code of Regulations and the 5-minute idling restriction identified in Section 2449(d)(2) of the California Air Resources Board's In-Use Off-Road Diesel regulation to minimize toxic air pollution impacts from idling diesel engines. The specific requirements and exceptions for the on-road and off-road regulations can be reviewed at the following web sites: arb.ca.gov/sites/default/files/classic/msprog/truck-idling/13ccr2485_09022016.pdf and arb.ca.gov/regact/2007/ordiesl07/frooal.pdf.</u></p> <p><u>In addition, because this project is within 1,000 feet of sensitive receptors, the project applicant shall comply with the following more restrictive requirements to minimize impacts to nearby sensitive receptors.</u></p> <ol style="list-style-type: none"> 1. <u>Staging and queuing areas shall not be located within 1,000 feet of sensitive receptors;</u> 2. <u>Diesel idling within 1,000 feet of sensitive receptors shall not be permitted;</u> 3. <u>Use of alternative fueled equipment is recommended; and</u> | |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
|--|--------------------------------|---|-------------------------------|
| | | <p>4. <u>Signs that specify no idling areas must be posted and enforced at the site.</u></p> <p>Plan Requirements and Timing. <u>The LOSSAN Rail Corridor Agency shall comply with Section 2485 of Title 13 of the California Code of Regulations and the 5-minute idling restriction identified in Section 2449(d)(2) of the California Air Resources Board's In-Use Off-Road Diesel regulation to minimize toxic air pollution impacts from idling diesel engines.</u></p> <p>Monitoring. <u>The City shall verify compliance with Section 2485 of Title 13 of the California Code of Regulations and the 5-minute idling restriction during all phases of project construction.</u></p> | |
| <p>Impact 3.3-3: Sensitive Receptors. Project construction activities could generate substantial localized quantities of dust and expose sensitive receptors to San Joaquin Valley Fever. The project would result in excavation and grading of soils, which may release naturally occurring asbestos into the air.</p> | S | <p>AQ-1 Construction Valley Fever Plan. The LOSSAN Rail Corridor Agency and contractor(s) shall prepare a Construction Valley Fever Plan to ensure the implementation of the following measures during construction activities to reduce impacts related to Valley Fever.</p> <p>A. If peak daily wind speeds exceed 15 mph or peak daily temperatures exceed 95 degrees Fahrenheit for three consecutive days, additional dust suppression measures (such as additional water or the application of additional soil stabilizer) shall be implemented prior to and immediately following ground disturbing activities. The additional dust suppression shall continue until winds are 10 mph or lower and outdoor air temperatures are below a peak daily temperature of 90 degrees for at least two consecutive days.</p> <p>B. Heavy construction equipment traveling on un-stabilized roads within the project site shall be preceded by a water truck to dampen roadways and</p> | LTS |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
|----------------------|--------------------------------|--|-------------------------------|
| | | <p>reduce dust from transportation along such roads.</p> <p>C. The LOSSAN Rail Corridor Agency shall notify the San Luis Obispo County Public Health Department and the City not more than 60 nor less than 30 days before construction activities commence to allow the San Luis Obispo County Public Health Department the opportunity to provide educational outreach to community members and medical providers, as well as enhanced disease surveillance in the area both during and after construction activities involving grading.</p> <p>D. Prior to any project grading activity, the project construction contractor(s) shall prepare and implement a worker training program that describes potential health hazards associated with Valley Fever, common symptoms, proper safety procedures to minimize health hazards, and notification procedures if suspected work-related symptoms are identified during construction, including the fact that certain ethnic groups and immune-compromised persons are at greater risk of becoming ill with Valley Fever. The objective of the training shall be to ensure the workers are aware of the danger associated with Valley Fever. The worker training program shall be included in the standard in-person training for project workers and shall identify safety measures to be implemented by construction contractors during construction. Prior to initiating any grading, the LOSSAN Rail Corridor Agency shall provide the City and the San Luis Obispo County Public Health Department with copies of all educational training material for review and approval. No later than 30 days after any new employee or employees begin work, the LOSSAN Rail Corridor Agency shall submit evidence to the City that each employee has acknowledged receipt of the training (e.g., sign-in sheets with a statement</p> | |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
|----------------------|--------------------------------|--|-------------------------------|
| | | <p>verifying receipt and understanding of the training).</p> <p>E. The LOSSAN Rail Corridor Agency shall work with a medical professional, in consultation with the San Luis Obispo County Public Health Department, to develop an educational handout for on-site workers and surrounding residents within three miles of the project site that includes the following information on Valley Fever:</p> <ul style="list-style-type: none"> • Potential sources/causes • Common symptoms • Options or remedies available should someone be experiencing these symptoms • The location of available testing for infection <p>Prior to any project grading activity, this handout shall have been created by the LOSSAN Rail Corridor Agency and reviewed by the City. No less than 30 days prior to any surface disturbance (e.g., grading, filling, trenching) work commencing, this handout shall be mailed to all existing residences within three miles of the project site. The City shall verify compliance with the Construction Valley Fever Plan during the grading phases of project construction. The City shall also verify notification of the San Luis Obispo County Public Health Department, implementation of the worker training program, and mailing of the educational handout via developer-submitted materials.</p> <p>AQ-2 Naturally Occurring Asbestos Air Toxics Control Measure Compliance. The LOSSAN Rail Corridor Agency shall prepare a geologic evaluation to determine and describe the extent of serpentine rock on the project site. Depending on the conclusions of the geologic evaluation, the developer shall prepare and file:</p> <ul style="list-style-type: none"> • An exemption request form (if no serpentine is | |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
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| | | <p>present);</p> <ul style="list-style-type: none"> • A Mini Dust Control Measure Plan (if less than 1 acre of serpentine is present); or • An Asbestos Dust Control Measure Plan (if more than 1 acre of serpentine is present). <p>If the project requires either a Mini Dust Control Measure Plan or an Asbestos Dust Control Measure Plan, the LOSSAN Rail Corridor Agency will be required to submit the geologic evaluation and Mini Dust Control Measure Plan or an Asbestos Dust Control Measure Plan to the SLOAPCD for approval prior to any project grading activity.</p> <p><u>AQ-3 Fugitive Dust Mitigation Measures: Expanded List</u></p> <p><u>AQ-4 Limits of Idling during Construction Phase</u></p> | |
| Impact 3.3-4: Odors. Project construction would generate odors associated with fugitive dust and construction equipment exhaust. However, any odor generation would be intermittent and would terminate upon completion of the construction activities. | LTS | No mitigation is required. | LTS |
| Biological Resources | | | |
| Impact 3.4-1: Candidate, Sensitive, or Special-Status Species. Loggerhead shrike (species of special concern) and white-tailed kite (fully protected species) have the potential to nest in shrubs and trees within the project footprint. Direct impacts on active loggerhead shrike and white-tailed kite nests are prohibited by the Migratory Bird Treaty Act and California Fish and Game Code and, as such, potential construction impacts to existing vegetation within the project footprint would be considered significant. | S | BR-1 Migratory and Nesting Birds. If construction activities occur between January 15 and September 15, a preconstruction nesting bird survey (within 7 days prior to construction activities) shall be conducted by a qualified biologist to determine if active nests are present within the area proposed for disturbance to avoid the nesting activities of breeding birds. The results of the surveys will be submitted to the LOSSAN Rail Corridor Agency (and made available to the wildlife agencies [USFWS/CDFW], upon request) prior to initiation of any construction activities. Should nesting bird species aside | LTS |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

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| | | from European starlings (<i>Sturnus vulgaris</i>) and house sparrows (<i>Passer domesticus</i>) be found, a 300-foot (500 feet for raptors) exclusionary buffer will be established by the biologist. This buffer shall be clearly marked in the field by construction personnel under guidance of the biologist, and construction or clearing will not be conducted within this buffer zone until the biologist determines that the young have fledged or the nest is no longer active. At the discretion of the biologist, the buffer may be reduced if the nest is buffered by existing visual and noise barriers such as hills, walls, buildings, etc. visual and noise barriers are added, or the nesting species is known to tolerate higher levels of disturbance. | |
| Impact 3.4-2: Sensitive Natural Community. The proposed project would not have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the CDFW or USFWS. | NI | No mitigation is required. | NI |
| Impact 3.4-3: Wetlands. Two small patches of cattail that may qualify as wetland occur within the project footprint, west of the existing rail embankment. Although unlikely, the proposed project could have an adverse impact on wetlands if any of the aquatic resources are determined to be regulated by USACE or RWQCB, and those features will be subject to a discharge of fill. | S | BR-2 State or Federally Regulated Wetlands. A formal Jurisdictional Delineation will be conducted prior to the initiation of project construction. If any of the aquatic resources identified herein are determined to be regulated by USACE or RWQCB and those features will be subject to a discharge of fill, then the appropriate regulatory permits would be sought and compensatory mitigation for the permanent loss of wetland would be provided at a minimum 1:1 ratio. Compensatory mitigation would include a minimum of 1:1 wetland establishment to ensure that the project results in no net loss of wetland. | LTS |
| Impact 3.4-4: Wildlife Corridors. The proposed project would not interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors or impede the use of native wildlife nursery sites. | LTS | No mitigation is required. | LTS |

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| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
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| Impact 3.4-5: Conflict with Local Policies or Ordinances. The proposed project would not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance. | LTS | No mitigation is required. | LTS |
| Cultural Resources | | | |
| Impact 3.5-1: Historical Resources. <u>Only a remnant of the original roundhouse turntable foundation exists and/or was damaged, likely associated with previous roundhouse demolition. The turntable pit has been completely filled in, but the outline is still visible on the surface. All that remains of the original roundhouse are the degraded concrete foundations and a portion of the housing for the turntable. A more conservative approach on the impact determination has been made to consider the Southern Pacific Roundhouse and Rail Yard Site as a contributing element to the San Luis Obispo Southern Pacific Railroad NRHP Historic District. Therefore, the proposed project would result in a significant, unavoidable (unmitigated) impact to the San Luis Obispo Southern Pacific Railroad NRHP Historic District.</u> The proposed project has the potential to significantly impact the following historical resources: <ul style="list-style-type: none"> San Luis Obispo Southern Pacific Railroad National Register of Historic Places (NRHP) Historic District City of San Luis Obispo Local Railroad Historic District Southern Pacific Roundhouse and Rail Yard Site | S | CUL-1 Public Outreach and Educational Display. Prior to grading activities, the LOSSAN Rail Corridor Agency will hire an individual meeting the Secretary of the Interior’s Professional Qualification Standards to carry out archival research and interviews into the history of Southern Pacific Rail Yard and compilation of existing materials such as historic maps. The LOSSAN Rail Corridor Agency will design, fabricate, and install educational displays, based on archival documentation and archaeological data, that explore not only the roundhouse but other important rail yard features such as the powerhouse, plumbing shop, store house, repair tracks, etc. The educational displays will include interpretive panels with historical photographs, maps, and narrative text demonstrating the history of the rail yard, how it appeared in its heyday, and what remained of the site prior to construction of the project. The displays will be placed at the Roundhouse Protected Zone and other suitable locations along the proposed bike and pedestrian trail/walk of history that will run along the west side of the project site. | <u>LTSS</u> |
| Impact 3.5-2: Archaeological Resources. <u>As noted above, consider the Southern Pacific Roundhouse and Rail Yard Site as a contributing element to the San Luis Obispo Southern Pacific Railroad NRHP Historic District.</u> Portions of the Southern Pacific Roundhouse and Rail Yard Site would be impacted by the project. It is also possible that previously | S | CUL-1 Public Outreach and Educational Display (as described above). CUL-2 Construction Monitoring and Inadvertent Discovery of Archeological Resources. Full-time monitoring for archaeological deposits will be conducted in the project | <u>LTSS</u> |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
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| undiscovered prehistoric archaeological deposits are present and could be uncovered during deeper ground disturbing activities. | | <p>site during ground-disturbing construction activities occurring within undisturbed Holocene soils (i.e., cultural-bearing soils related to both prehistoric and historic activities). Monitoring of ground-disturbing activities in disturbed or pre-Holocene soils is not required. Monitoring will be carried out by a qualified archaeologist and Native American monitor from the Salinan Tribe of Monterey and San Luis Obispo Counties. Monitoring will be conducted in accordance with a Monitoring and Discovery Plan to be prepared for the project by an archaeologist meeting the Secretary of the Interior's Professional Qualification Standards. This qualified archaeologist will oversee the archaeological monitoring of the area.</p> <p>The Monitoring and Discovery Plan will identify monitoring locations and protocols and include provisions for the accidental discovery of archaeological features or deposits during construction. These provisions shall include stop work protocols, notification procedures, and methodology for assessing the nature and significance of the find. If the feature or deposit is determined to be significant, the data recovery and analysis procedures outlined in the Monitoring and Discovery Plan shall be implemented.</p> | |
| Impact 3.5-3: Human Remains. Although no surface evidence suggests that any historic burials are located in the project site, the project would presumably require some excavation and grading and could potentially encounter human remains in the project area. | S | CUL-3 Inadvertent Discovery of Human Remains. If any previously unrecorded human remains are inadvertently discovered during construction, all ground-disturbing activities in the vicinity of the discovery must cease immediately and a 50-foot-wide buffer will be established around it to secure it from further disturbance. California State law (Health and Safety Code Section 7050.5; PRC Sections 5097.94, 5097.98, and 5097.99) will be followed on state, county, and private land. This law specifies that work will stop immediately in any areas where human remains or suspected human remains are encountered. The LOSSAN Rail Corridor Agency (lead agency) and the San Luis Obispo county coroner will be | LTS |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
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| | | immediately notified of the discovery. The coroner has 2 working days to examine the remains after being notified by the lead agency. If the remains are determined to be Native American, the coroner has 24 hours to notify NAHC, who will determine the most likely descendant. The NAHC will immediately notify the identified most likely descendant, and the most likely descendant has 48 hours to make recommendations to the landowner or representative for the respectful treatment or disposition of the remains and grave goods. If the most likely descendant does not make recommendations within 48 hours, the area of the property must be secured from further disturbance. If no recommendation is given, the lead agency or its authorized representative will re-inter the human remains and items associated with Native American burials with appropriate dignity on the property in a location not subject to further subsurface disturbance. This discovery protocol shall be included in the Monitoring and Discovery Plan to be prepared pursuant to Mitigation Measure CUL-2. | |
| Energy | | | |
| Impact 3.6-1: Wasteful, Inefficient, or Unnecessary Consumption of Energy Resources. Construction- and operational-related energy consumption by the project will not result in inefficient, wasteful, or unnecessary energy use. | LTS | No mitigation is required. | LTS |
| Impact 3.6-2: Conflict with a State or Local Plan for Renewable Energy or Energy Efficiency. The project would not result in an inefficient use of nonrenewable energy resources or substantial demand on regional or local energy supply that could conflict with or obstruct a state or local plan. | LTS | No mitigation is required. | LTS |
| Geology and Soils | | | |
| Impact 3.7-1: Seismic Hazards. The proposed project would not exacerbate existing environmental conditions | LTS | No mitigation is required. | LTS |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
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| related to rupture of a known earthquake fault, seismic ground shaking, seismic-related ground failure, or landslides. | | | |
| Impact 3.7-2: Substantial Soil Erosion or Loss of Topsoil. The proposed project would not result in substantial soil erosion or the loss of topsoil. The construction contractor would be required to comply with the NPDES General Construction Permit and prepare and implement a Stormwater Pollution Prevention Plan (SWPPP) for the project. | LTS | No mitigation is required. | LTS |
| Impact 3.7-3: Unstable Geologic Unit or Soil. According to the geotechnical report, the northern portion of the project site is located in an area of moderate liquefaction potential. Based on the lack of groundwater in the upper 50 feet from the ground surface, per the geotechnical investigation, and relatively dense or hard nature of the material encountered on the project site, the potential for liquefaction is considered low. However, conditions may vary between the exploration locations and seasonal fluctuations in the groundwater level may occur due to variations in rainfall and local groundwater management practices. | S | GEO-1 Prepare Final Geotechnical Report. During final design, a final geotechnical report shall be prepared by a licensed geotechnical engineer (to be retained by the LOSSAN Rail Corridor Agency) to verify conditions identified in the Preliminary Geotechnical Design Report prepared for the project. The final geotechnical report shall address and include site-specific recommendations on the following: <ul style="list-style-type: none"> • Site preparation • Soil bearing capacity • Appropriate sources and types of fill • Liquefaction • Lateral spreading • Settlement • Slope stability • Expansive soils • Corrosive soils • Structural foundations • Grading practices | LTS |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
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| | | In addition to the recommendations for the conditions listed above, the final geotechnical report shall include subsurface testing of soil and groundwater conditions, and shall determine appropriate foundation designs that are consistent with the latest version of the CBC, as applicable at the time building and grading permits are pursued. The project shall be designed and constructed to comply with the site-specific recommendations as provided in the final geotechnical report. | |
| Impact 3.7-4: Expansive Soils. According to the geotechnical report prepared for the project, the soil within the upper 5 feet has very low to medium expansion potential. Other soil types encountered at depths greater than 5 feet may exhibit higher expansion potential. The presence of expansive soils on the project site has the potential to create a substantial risk to life or property and is considered a significant impact. | S | GEO-1 Prepare Final Geotechnical Report. | LTS |
| Impact 3.7-5: Soils to Support the Use of Septic Tanks or Alternative Waste Water Disposal Systems. The proposed project would rely on public sewer for the disposal of wastewater. The proposed project would not have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water. | NI | No mitigation is required. | NI |
| Impact 3.7-6: Paleontological Resources. The project site is generally located on surficial deposits consisting of Mélange of Franciscan Complex and fill. The Franciscan Complex has a low potential for containing paleontological resources, while artificial fill has no potential for containing paleontological resources. Ground-disturbing activities associated with project construction are not expected to impact geologic units of high paleontological sensitivity, either at the surface or at depth for any project activity. | NI | No mitigation is required. | NI |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
|--|--------------------------------|---|-------------------------------|
| Greenhouse Gas Emissions | | | |
| Impact 3.8-1: Generate Greenhouse Gas Emissions (GHG). The project's GHG emissions would not exceed the City's 2020 Climate Action Plan (CAP) efficiency threshold of 0.7 MT CO ₂ e per employee per year, and the project would not generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment. | LTSS | <p>No mitigation is required.</p> <p>GHG-1 Install Solar Panels to Off-set At Least Forty Percent of CCLF Project Build-out Electricity Demand. –The LOSSAN Rail Corridor Agency shall install solar panels to off-set at least forty percent of CCLF build-out electricity demand. Given the phased nature of CCLF build-out, this measure shall phase in once CCLF electricity demand reaches 68,750 kilowatt hours (kWh) per year.</p> <p>GHG-2 Renewable Diesel for Locomotives. The LOSSAN Rail Corridor Agency shall require all locomotives to use 100 percent renewable diesel. The use of renewable diesel would reduce locomotive tailpipe CO₂ emissions by approximately 4 percent compared to CARB-certified diesel fuel.</p> <p>GHG-3 Purchase of GHG Emissions Offsets. The LOSSAN Rail Corridor Agency shall work with the San Luis Obispo County APCD and City to identify and purchase GHG Emissions Offsets sufficient for project GHG emissions to meet the City's 0.7 MT CO₂e efficiency threshold.</p> <p>To determine the required offsets quantity, LOSSAN Rail Corridor Agency shall conduct the following:</p> <ol style="list-style-type: none"> 1) Field test the Charger locomotive to ascertain idle fuel consumption per hour. 2) Re-quantify project GHG emissions inventory using the actual idle fuel consumption rate. 3) Re-calculate GHG emissions per employee using the revised GHG emissions inventory, and 4) Calculate the GHG emissions offset requirement needed to achieve 0.7 MT CO₂e per employee. | LTS |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
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| Impact 3.8-2: Conflict with Applicable Plan, Policy or Regulation. The project's GHG emissions would not exceed the City's 2020 CAP efficiency threshold of 0.7 MT CO ₂ e per employee per year. The 2020 CAP enables the City to maintain local control of implementing state direction to reduce GHG emissions to 1990 levels by 40 percent below 1990 levels by 2030 (SB 32). Therefore, the proposed project is consistent with the City's 2020 CAP and SB 32. | LTSS | No mitigation is required. <u>GHG-1 Install Solar Panels to Off-set At Least Forty Percent of CCLF Project Build-out Electricity Demand.</u> <u>GHG-2 Renewable Diesel for Locomotives.</u> <u>GHG-3 Purchase of GHG Emissions Offsets.</u> | LTS |
| Hazards and Hazardous Materials | | | |
| Impact 3.9-1: Routine Transport, Use, or Disposal of Hazardous Materials. Construction, fueling, and servicing of construction equipment may involve the use of hazardous materials and wastes, including the transport, storage, and disposal of commercially available hazardous materials such as gasoline, brake fluids, coolants, and paints. Day-to-day operations, such as train washing and refueling, equipment cleaning, and deposition of fuel oils may result in accidental spills of hazardous materials. | S | HAZ-1 Prepare a Construction and Operation Hazardous Materials Management Plan. Prior to construction, a Hazardous Materials Management Plan (HMMP) shall be prepared by the LOSSAN Rail Corridor Agency that outlines provisions for safe storage, containment, and disposal of chemicals and hazardous materials, contaminated soils, including the proper locations for disposal. The HMMP shall be prepared to address the area of the project footprint, and include, but not be limited to, the following: <ul style="list-style-type: none"> A description of hazardous materials and hazardous wastes used (29 CFR 1910.1200) A description of handling, transport, treatment, and disposal procedures, as relevant for each hazardous material or hazardous waste (29 CFR 1910.120) Preparedness, prevention, contingency, and emergency procedures, including emergency contact information (29 CFR 1910.38) A description of personnel training including, but not limited to: (1) recognition of existing or potential hazards resulting from accidental spills or other releases; (2) implementation of evacuation, notification, and other emergency response | LTS |

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| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
|---|--------------------------------|---|-------------------------------|
| | | <p>procedures; (3) management, awareness, and handling of hazardous materials and hazardous wastes, as required by their level of responsibility (29 CFR 1910)</p> <ul style="list-style-type: none"> • Instructions on keeping Safety Data Sheets on site for each on-site hazardous chemical (29 CFR 1910.1200) • Identification of the locations of hazardous material storage areas, including temporary storage areas, which shall be equipped with secondary containment sufficient in size to contain the volume of the largest container or tank (29 CFR 1910.120). • Identification of specific methods for testing and evaluation of soils that may be encountered in areas not yet remediated, and for any on-site soil movement (excavation, stockpiling) or off-site transport or disposal. • Identification of controls that will be used to ensure that grading and/or construction activities do not interfere with ongoing soil remediation. | |
| <p>Impact 3.9-2: Release of Hazardous Materials into the Environment. Nine sites of concern were identified from environmental database listings based upon their proximity to the project site and their documented histories of releases of chemicals or petroleum products to soil and/or groundwater. The close proximity of these sites of concern to project-related construction activities would carry the potential for encountering contaminated soil.</p> | S | <p>HAZ-1 Prepare a Construction <u>and</u> Operation Hazardous HMMP.</p> <p>HAZ-2 Halt Construction Work if Potentially Hazardous Materials are Encountered. All construction contractors shall immediately stop all subsurface activities in the event that potentially hazardous materials are encountered, an odor is identified, or considerably stained soil is visible. Contractors shall follow an approved soil management plan (as part of the HMMP) and all applicable local, state, and federal regulations regarding discovery, response, disposal, and remediation for hazardous materials encountered during the construction process.</p> | LTS |

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| Impact 3.9-3: Emit Hazardous Emissions in Proximity to Schools. Sinsheimer Elementary School is located approximately 0.25 mile east of the southern extent of the project site. During construction, there would be use of commercially available hazardous materials such as gasoline, brake fluids, coolants, and paints. | S | HAZ-1 Prepare a Construction <u>and Operation</u> Hazardous HMMP. | LTS |
| Impact 3.9-4: Located on a Hazardous Material Site. The project site was not included on any environmental database listings. However, nine sites of concern were identified from environmental database listings based upon their proximity to the project site and their documented histories of releases of chemicals or petroleum products to soil and/or groundwater. The close proximity of these sites of concern to project-related construction activities would carry the potential for encountering contaminated soil. These potential impacts are considered significant. | S | HAZ-1 Prepare a Construction <u>and Operation</u> Hazardous HMMP. HAZ-2 Halt Construction Work if Potentially Hazardous Materials are Encountered. | LTS |
| Impact 3.9-5: Airport Hazards. According to the San Luis Obispo County Regional Airport –Airport Land Use Plan (ALUP), the project site is located within Airport Safety Zone 6: Traffic Pattern Zone. According to the ALUP, transportation uses (vehicle, freight, and transit terminals, truck stops) are allowed in Safety Zone 6. Thus, the proposed project (rail layover facility) is consistent with the uses allowed for the site in the ALUP. The proposed use is considered consistent with the ALUP and would not result in a safety hazard for people residing or working in the area. | LTS | No mitigation is required. | LTS |
| Impact 3.9-6: Emergency Response Plan. The project contractor would be required to coordinate street closures with emergency providers per the construction traffic management plan. The construction traffic management plan would reduce potential temporary impacts on emergency access to a level less than significant during construction. | LTS | No mitigation is required. | LTS |
| Impact 3.9-7: Wildland Fires. The project site is in an | NI | No mitigation is required. | NI |

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| urbanized area of the City of San Luis Obispo that is not adjacent to wildlands. Furthermore, the project site is located in an area with a low fire hazard rate and is not located within a local or state fire hazards severity zone. The proposed project would not expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires. | | | |
| Hydrology and Water Quality | | | |
| Impact 3.10-1: Violation of Water Quality Standards. Construction activities associated with the proposed project have the potential to degrade water quality. However, compliance with the NPDES CGP would minimize water quality impacts during construction, and this impact is considered less than significant. Compliance with the NPDES Industrial General Permit and NPDES Phase II MS4 permit would minimize water quality impacts during operation to a level less than significant. | LTS | No mitigation is required. | LTS |
| Impact 3.10-2: Groundwater. The proposed project would not involve the use of groundwater or require construction dewatering. | NI | No mitigation is required. | NI |
| Impact 3.10-3: Alter Existing Drainage Pattern. Compliance with the NPDES GCP would reduce potential erosion and siltation impacts to a level less than significant. Compliance with the NPDES Industrial General Permit and NPDES Phase II MS4 permit would minimize water quality impacts during operation, and this impact is considered less than significant. | LTS | No mitigation is required. | LTS |
| Impact 3.10-4: Release of Pollutants Due to Project Inundation. The proposed project would not risk release of pollutants due to project inundation due to being in a flood hazard, tsunami or seiche zones | NI | No mitigation is required. | NI |

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| <p>Impact 3.10-5: Conflict with a Water Quality Control Plan or Sustainable Groundwater Management Plan. The proposed project would not conflict with or obstruct implementation of a sustainable groundwater management plan.</p> <p>Compliance with the GCP requires preparation and implementation of a SWPPP, which would reduce potential water quality impacts to a level less than significant. Compliance with the NPDES Industrial General Permit and NPDES Phase II MS4 permit would minimize water quality impacts during operation, and this impact is considered less than significant.</p> | LTS | No mitigation is required. | LTS |
| Land Use and Planning | | | |
| <p>Impact 3.11-1: Division of an Established Community. The proposed project would not physically divide an established community.</p> | LTS | No mitigation is required. | LTS |
| <p>Impact 3.11-2: Conflict with Land Use Plans, Policies, or Regulations. The proposed project would not cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect.</p> | LTS | No mitigation is required. | LTS |
| Noise | | | |
| <p>Impact 3.12-1: Generation of Ambient Noise Levels in Excess of Established Standards. Construction noise would exceed the FTA guideline of 80 dBA L_{eq} during Phase 1b (Utility Relocations) and Phase 1f (construction of the S&I Position, gage pit with canopy). Exceedances of the FTA daytime guideline would occur at 3 receptors and is considered a significant impact.</p> <p>Under the Phase 1 condition, the project would introduce new sources of noise where there presently are none, specifically train movements on two tracks and idling locomotives. The project would result in moderate impacts at</p> | S | <p>NV-1 Employ Noise-Reducing Measures During Construction. The construction contractor shall employ measures to minimize and reduce construction noise. Noise reduction measures that will be implemented include, but are not limited to, the following:</p> <ul style="list-style-type: none"> Place site equipment on the construction site as far away from noise sensitive sites as possible. Combine noisy operations to have them occur in the same time period. | LTS |

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| <p>35-40 Category 2 land uses (residences). The moderate impacts are considered significant.</p> <p>Under the Later Phases condition, the project would introduce new sources of noise where there presently are none, specifically train movements, idling locomotives, the train wash and wheel truing facility. The project would result in moderate impacts at 44-55 Category 2 land uses (residences). The moderate impacts are considered significant.</p> | | <ul style="list-style-type: none"> ○ The total noise level produced would not be significantly greater than the level produced if the operations were performed separately. • <u>Construction activity will be limited to daytime only between the hours of 7:00 a.m. and 7:00 p.m. (no nighttime construction will not be allowed).</u> • Use specially quieted equipment, such as quieted and enclosed air compressors and properly working mufflers on all engines. • Select quieter demolition methods, where feasible. <p>NV-2 Prepare a Community Notification Plan for Project Construction. To proactively address community concerns related to construction noise, prior to construction, the LOSSAN Rail Corridor Agency and/or the construction contractor will prepare and maintain a community notification plan. Components of the plan will include initial information packets prepared and mailed to all residences within a 500-foot radius of project construction. Updates to the plan will be prepared as necessary to indicate changes to the construction schedule or other processes. The LOSSAN Rail Corridor Agency will identify a project liaison to be available to respond to questions from the community or other interested groups.</p> <p>NV-3 Operational Restrictions. The LOSSAN Rail Corridor Agency is committed to developing the facility operational plan with the following: <u>Phase 1:</u></p> <ul style="list-style-type: none"> • <u>Arriving Trains.</u> Connect to ground power within 30-45 minutes of arrival at the facility to reduce noise from idling locomotives. | |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

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| | | <ul style="list-style-type: none"> • Departing Trains. Disconnect from ground power no sooner than 45<u>50</u>-minutes prior to <u>departure</u>. reduce noise from idling locomotives. <p><u>Buildout Phase:</u></p> <ul style="list-style-type: none"> • Arriving Trains: Connect to ground power for <u>daytime arrivals (7:00 a.m. to 10:00 p.m.) within 30 minutes of arrival</u> <p><u>Connect to ground power for one nighttime arrival (10:00 p.m. to 7:00 a.m.) within 25 minutes of arrival</u></p> <ul style="list-style-type: none"> • Departing Trains: Disconnect from ground power no sooner than 45 minutes prior to <u>departure</u>. <p><u>Later Phases:</u> Under the later phases of the project, trains will access storage tracks using the following approach:</p> <ul style="list-style-type: none"> • The first train of each day accessing the CCLF would use the easternmost storage track and would not use the train wash. Having the train stored on this track acts as a noise barrier reducing sound levels at sensitive land uses east of the storage facility. • The second train of each day accessing the CCLF will use the westernmost storage track (i.e., next to the service and inspection track) and will not use the train wash. Having the train stored on this track acts as a noise barrier reducing sound levels at sensitive land uses west of the storage facility. • The third train each day accessing the CCLF will go through the wash and then access the storage tracks between the easternmost and westernmost | |

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| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
|--|--------------------------------|--|-------------------------------|
| | | <p>storage tracks.</p> <ul style="list-style-type: none"> The fourth train each day accessing the CCLF will go through the wash and then layover on the service and inspection track. In this way it will act as a barrier blocking noise from other train movements and noise sources reducing sound levels at sensitive land uses east of the storage facility. | |
| Impact 3.12-2: Groundborne Vibration. The proposed project would not result in the generation of excessive groundborne vibration or groundborne noise levels. Based on the Noise and Vibration Technical Report prepared for the project, vibration levels during construction and operation of the project would not exceed FTA impact criteria. | LTS | No mitigation is required. | LTS |
| Impact 3.12-3: Airport Noise. The project site is located approximately 1.60 miles north of the San Luis Obispo County Regional Airport. According to the San Luis Obispo County Regional Airport – ALUP, the project site is not located within any airport noise impact contours. | NI | No mitigation is required. | NI |
| Transportation | | | |
| <p>Impact 3.13-1: Conflict with a Program, Plan, or Ordinance, or Policy Addressing the Circulation System. The proposed project would require underground utility installation and/or relocation and street access improvements which could result in temporary road closures. During construction, potential temporary impacts may also occur to existing pedestrian and bicycle access along roadways adjacent to the project site due to lane closures or detours.</p> <p>With implementation of a construction traffic management plan, short-term construction impacts on local circulation, and pedestrian and bicycle access would be less than</p> | LTS | No mitigation is required. | LTS |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
|--|--------------------------------|--|-------------------------------|
| significant. | | | |
| Impact 3.13-2: Vehicle Miles Traveled. The proposed project would not conflict or be inconsistent with CEQA Guidelines section 15064.3 subdivision (b). | NI | No mitigation is required. | NI |
| Impact 3.13-3: Increase Hazards Due to a Design Feature. The proposed project would not substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment). | NI | No mitigation is required. | NI |
| Impact 3.13-4: Emergency Access. Implementation of a construction traffic management plan which requires the project contractor to coordinate street closures with emergency providers, would reduce potential temporary impacts on emergency access to a level less than significant. | LTS | No mitigation is required. | LTS |
| Tribal Cultural Resources | | | |
| Impact 3.14-1: Adverse Change to a Tribal Cultural Resource Eligible for Listing in the CRHR or Local Register. There is a potential that archaeological materials are encountered during project-related ground disturbing activities. | S | CUL-2 Construction Monitoring and Inadvertent Discovery of Archeological Resources. | LTS |
| Impact 3.14-2: Adverse Change to a Tribal Cultural Resource Determined to be Significant Pursuant to Subdivision (c) of Public Resources Code Section 5024.1. There is a potential that archaeological materials are encountered during project-related ground disturbing activities. The project would require excavation and grading activities which could potentially encounter human remains in the project area and result in a significant impact. | S | CUL-2 Construction Monitoring and Inadvertent Discovery of Archeological Resources. CUL-3 Inadvertent Discovery of Human Remains. | LTS |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
|--|--------------------------------|----------------------------|-------------------------------|
| Utilities and Service Systems | | | |
| Impact 3.15-2: Relocation of Construction of New Utilities and Service Systems. For utilities near rail, protection or design per UP or Amtrak standards as applicable will be required. All new connections to or potential relocations of utility service are required to be coordinated through and approved by the designated utility provider. | LTS | No mitigation is required. | LTS |
| Impact 3.15-2: Water Supply. The proposed project would be designed to minimize or conserve water use to the maximum extent feasible. The city projects surplus water supplies through the planning horizon of 2035 during normal, dry and multiple dry years, respectively. Therefore, sufficient water supplies are available to serve the project and reasonably foreseeable future development during normal, single-dry, and multiple-dry years. | LTS | No mitigation is required. | LTS |
| Impact 3.15-3: Adequate Wastewater Treatment Capacity. The project site and potential uses are considered to have been factored into the aggregate of the city's treatment capacity at General Plan buildout. There would be adequate capacity to serve the proposed project's wastewater demand. | LTS | No mitigation is required. | LTS |
| Impact 3.15-4: Solid Waste. The proposed project would be required to comply with federal, state, and local statutes and regulations related to solid waste and recycling, such as AB 341. | LTS | No mitigation is required. | LTS |

Table ES-1. Summary of Environmental Impacts and Mitigation Measures

| Environmental Impact | Significance Before Mitigation | Mitigation Measures | Significance After Mitigation |
|--|--------------------------------|----------------------------|-------------------------------|
| Impact 3.15-5: Compliance with Solid Waste Statutes and Regulations. Solid waste produced during construction and operation of the project would be disposed in compliance with applicable federal, state, and local statutes, including Section 5.408 of the CALGreen Code and AB 341. | LTS | No mitigation is required. | LTS |

Notes:

NI=No Impact; LTS=Less than Significant; S=Significant



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ES.6 Alternatives

Section 15126.6(a) of the CEQA Guidelines requires that an EIR “describe a range of reasonable alternatives to the project, or to the location of the project, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project, and evaluate the comparative merits of the alternatives.” A summary of the alternatives evaluated in this EIR is provided below:

- The No Project/No Development Alternative assumes that the project site would not be developed with the proposed project, and the project site would remain in its current condition and current uses. The existing Pacific Surfliner Layover Facility located to the north of the proposed project site would continue to operate in its current capacity.
- Alternative 2 - Existing Facility Alternative would involve an expansion of the existing Pacific Surfliner Layover Facility adjacent to the San Luis Obispo Station. This site would encompass the existing facility and expand it to the west to include the current Union Pacific Railroad (UPRR) “Helper Track” adjacent to the two UPRR Main Tracks and siding running through the station. It would also expand the facility to the south, using land between the UPRR Main Tracks and siding and the pedestrian trail to the east.
- Alternative 3 - The Islay Hill site is located approximately 3 miles south of the San Luis Obispo Station. The site is on the west side of the UPRR right-of-way, along a single-track segment of the railroad. Development of the project at this location would require the use land on an undeveloped parcel across the tracks from the Islay Hill. This site is located in an unincorporated portion of the County of San Luis Obispo, just south of an existing large single-family residential development.
- Alternative 4 - The California State Polytechnic University (Cal Poly) San Luis Obispo (SLO) alternative location site is located approximately 2.5 miles north of the San Luis Obispo Station. The site is on the west side of the UPRR right-of-way along a single-track segment of the railroad. The site is located on agricultural land in an unincorporated portion of the County of San Luis Obispo, adjacent to the main Cal Poly SLO campus and is owned by the California State University system.

ES.7 Environmentally Superior Alternative

The No Project/No Development Alternative would be considered the environmentally superior alternative, since it would eliminate all of the significant impacts identified for the proposed project. However, CEQA Guidelines Section 15126.6(e)(2) states that “if the environmentally superior alternative is the No Project Alternative, the EIR shall also identify an environmentally superior alternative among the other alternatives.” The environmentally superior alternative would be Alternative 2 – Existing Facility Alternative (which would involve expansion of the existing facility). This alternative is considered the environmental superior alternative as it would avoid biological and cultural resources impacts associated with the proposed project.

ES.8 Areas of Known Public Controversy

Section 15123 of the CEQA Guidelines states that an EIR shall identify areas of controversy known to the Lead Agency, including issues raised by the agency and the public. A Notice of Preparation (NOP) was distributed on February 21, 2021 to federal, state, regional, and local agencies, as well as key stakeholders, interested parties, and neighborhood groups. The NOP comment period ran from February 24, 2021 through March 26, 2021, and a virtual public scoping meeting was held on March 10, 2021 as an agenda item of one of the City of San Luis Obispo's regularly scheduled Planning Commission meeting. During the NOP comment period, the LOSSAN Rail Corridor Agency received 21 comment letters. Table ES-2 provides a summary of comments received during the public hearing and NOP comment period. Each issue is further evaluated in the EIR:

Table ES-2. Summary of Comments Received During the Notice of Preparation Comment Period

| Environmental Issue Area | Issues Raised |
|---------------------------------|--|
| Aesthetics | <ul style="list-style-type: none"> • Landscape/screening is desired, and should be included in Phase 1 • New buildings need to incorporate historical railroad architecture • Preservation of Railroad District culture • Lighting impacts on residences • Aesthetic enhancements/improvements to minimize impacts on nearby residences • Fencing locations should not preclude access |
| Air Quality | <ul style="list-style-type: none"> • Idling of engines, construction traffic, delivery traffic • Health risk from idling diesel locomotives • Naturally occurring asbestos • Potential exposure to asbestos from demolition or excavation activities • New locomotives • Concern that more trains will cause more greenhouse gas emissions |
| Cultural Resources | <ul style="list-style-type: none"> • Preservation of historic resources |
| Greenhouse Gas Emissions | <ul style="list-style-type: none"> • Concern that more trains and maintenance activities will cause more greenhouse gas emissions |
| Hazards and Hazardous Materials | <ul style="list-style-type: none"> • Potentially contaminated soils • Fire risk and prevention • Disposal of hazardous materials • Fencing locations • Potential exposure to chemicals |
| Land Use/Planning | <ul style="list-style-type: none"> • Consistency with General Plan, Railroad District Plan, and Historic Ordinance |

Table ES-2. Summary of Comments Received During the Notice of Preparation Comment Period

| Environmental Issue Area | Issues Raised |
|--------------------------|---|
| Noise | <ul style="list-style-type: none"> • Noise impacts, especially during night hours • Noise levels from train washing and maintenance activities • Consider insulation and restricted working hours |
| Transportation | <ul style="list-style-type: none"> • Potential to divide neighborhoods on both sides of the tracks • Francis Street overcrossing • Preclude a future vehicle to cross at Roundhouse • Loss of parking • Unsafe crossing of tracks by pedestrians and bicyclists. Consider construction of proposed bike/pedestrian bridge or at-grade crossing • Unauthorized vehicular access • Consider multi-use path for better connection to neighborhoods and parks • Active transportation |

ES.9 Issues to be Resolved

The CEQA Guidelines Section 15123(b)(3) requires a discussion of issues to be resolved including a choice of alternatives and whether or how to mitigate the significant effects. Based on all information included in the Record of Proceedings, the LOSSAN Rail Corridor Agency must decide whether or not the EIR was prepared in compliance with CEQA (PRC 21000, et. seq.) and Guidelines for Implementation of CEQA (California Code of Regulations [CCR] Section 15000, et seq.). If deemed compliant with CEQA, the LOSSAN Rail Corridor Agency shall certify the EIR and consider whether to approve the proposed project or one of the project alternatives. Furthermore, the LOSSAN Rail Corridor Agency must decide if the proposed mitigation is adequate and choose whether or how to mitigate any significant impacts. Alternatives to the proposed project have also been identified that would reduce or avoid the potentially significant impacts associated with the proposed project. The LOSSAN Rail Corridor Agency would need to decide to approve one of the alternatives discussed in this EIR instead or approve the proposed project.

1 Introduction

1.1 Background

1.1.1 Central Coast Layover Facility Draft EIR (November 2021)

The Central Coast Layover Facility (proposed project or CCLF) Draft Environmental Impact Report (EIR) (November 2021) was prepared to disclose potential environmental effects of the project and included a description of the project, an assessment of its potential environmental effects, a description of feasible mitigation measures to reduce significant effects that were identified in the Draft EIR, and consideration of alternatives that could address potential impacts.

In accordance with the California Environmental Quality Act (CEQA), the Draft EIR was distributed for a 45-day public review and comment period beginning on November 5, 2021 and ending on December 20, 2021. Copies of the Draft EIR or notice of availability of the Draft EIR were sent to various federal, state, regional, and local agencies, as well as interested organizations and individuals.

1.1.2 Central Coast Layover Facility Recirculated Draft EIR (August 2022)

Subsequent to the public review period for the CCLF Draft EIR (November 2021), the Los Angeles – San Diego – San Luis Obispo (LOSSAN) Rail Corridor Agency determined that due to revisions to portions of the Draft EIR (November 2021), recirculation of certain portions of the Draft EIR was required based on the criteria set forth in accordance with Section 15088.5 of the CEQA Guidelines. Section 15088.5 of the CEQA Guidelines states:

“A lead agency is required to recirculate an EIR when significant new information is added to the EIR after public notice is given of the availability of the draft EIR for public review.” Significant new information includes “a new significant environmental impact [that] would result from the project or from a new mitigation measure proposed to be implemented” or “a feasible project alternative or mitigation measure [that is] considerably different from others previously analyzed [that] would clearly lessen the environmental impacts of the project.”

Furthermore, since the revisions are limited to a few chapters of the Draft EIR, only those chapters are included in this Recirculated Draft EIR. These chapters and the associated revisions are discussed in Section 1.3.

1.2 Public Review and Comments

1.2.1 Comments Limited to Recirculated Draft EIR

CEQA Guidelines Section 15088.5 describes the procedures for recirculation of portions of an EIR; subsection (f)(2) provides that, when an EIR is revised only in part and the lead agency is recirculating only the revised chapters or portions of an EIR, the lead agency may request that reviewers limit their comments to the revised chapters or portions of the recirculated EIR.

The comments submitted during the earlier circulation period for the Draft EIR (November 5, 2021 to December 20, 2021) that relate to chapters or portions of the document that were not revised and are not recirculated here will be responded to as part of the Final EIR. The LOSSAN Rail Corridor Agency will respond during this recirculation to comments submitted on this Recirculated Draft EIR and the specific chapters and portions that are part of this recirculation. Both sets of comments (Draft EIR circulated from November 5, 2021 to December 20, 2021) and this Recirculated Draft EIR will be included in the Final EIR.

THE LOSSAN RAIL CORRIDOR AGENCY REQUESTS THAT REVIEWERS LIMIT THEIR COMMENTS TO THE PORTIONS OF THIS DRAFT EIR THAT ARE REVISED AND RECIRCULATED IN THIS DOCUMENT. COMMENTS RECEIVED ON THE PREVIOUSLY CIRCULATED DRAFT EIR WILL BE RESPONDED TO IN THE FINAL EIR AND NEED NOT BE RESUBMITTED.

1.2.2 Availability of Recirculated Draft EIR

The Recirculated Draft EIR will be available for a 45-day period for review and comment by the public and public agencies from September 1, 2022 to October 17, 2022. The Recirculated Draft EIR with technical appendices is available to the general public for review during normal operating hours at the following locations:

- **LOSSAN Rail Corridor Agency**
600 South Main Street
Orange, CA 92863
- **San Luis Obispo Council of Governments**
1114 Marsh Street
San Luis Obispo, CA 93401

The Recirculated Draft EIR is also posted on the LOSSAN Rail Corridor Agency's website at: <http://www.octa.net/LOSSAN-Rail-Corridor-Agency/Central-Coast-Layover-Facility/>.

Additionally, the originally-circulated CCLF Draft EIR (November 2021) remains available online and can be viewed on the LOSSAN Rail Corridor Agency's website at: <http://www.octa.net/LOSSAN-Rail-Corridor-Agency/Central-Coast-Layover-Facility/>.

1.2.3 Comments Requested

Pursuant to Section 15204 of the CEQA Guidelines, in reviewing the Recirculated Draft EIR, persons and public agencies should focus on the sufficiency of the recirculated portions of the document in identifying and analyzing the possible impacts on the environment and ways in which the significant effects might be avoided or mitigated. Comments are most helpful when they suggest additional specific alternatives or mitigation measures that would provide better ways to avoid or mitigate the significant environmental effects.

Interested parties may provide written comments on the Recirculated Draft EIR before the end of the 45-day public review and comment period. Written comments on the Recirculated Draft EIR must be submitted to:

James Campbell, Operations Officer

LOSSAN Rail Corridor Agency
600 South Main Street
Orange, CA 92863

Comments may also be e-mailed to capitalprojects@lossan.org (e-mail with subject line “Central Coast Layover Facility” or “CCLF”).

1.3 Revised Portions of the Draft EIR

Under State CEQA Guidelines Section 15088.5(c), if a revision to an EIR is limited to a few chapters or portions of the EIR, only chapters or portions that have been modified need to be recirculated. Consistent with CEQA Guidelines Section 15088.5(c), this Recirculated Draft EIR contains only the portions of the Draft EIR (November 2021) that have been revised and replaced. The following summarizes the revisions to the Draft EIR chapters that are provided in this Recirculated Draft EIR.

1.3.1 Executive Summary

This chapter contains revisions to the text of the Draft EIR, as follows:

- Table ES-1, Summary of Environmental Impacts and Mitigation Measures has been revised to reflect conclusions of impacts and corresponding new or revised mitigation measures.

Although there are no other changes in this chapter, the remainder of the Executive Summary is included to provide context for the revisions.

1.3.2 Section 3.2: Aesthetics

This section contains revisions to the Draft EIR, as follows:

- Addition of the Railroad District Plan’s Architectural Guidelines in Section 3.2.2 Regulatory Setting,
- Expanded the environmental analysis with respect to the project’s consistency with the Railroad District Plan’s Architectural Guidelines, and
- Addition of graphics of typical architectural types allowed by the CCLF Master Plan.

1.3.3 Section 3.3: Air Quality

This section contains revisions to the Draft EIR, as follows:

- Included estimated calculations for locomotive idle and movement criteria pollutant emissions that would be generated within the CCLF rail spurs and train storage areas, and
- Updated the project’s health risk analysis to reflect the adjusted train idling times per the updated Air Quality Analysis Report.

1.3.4 Section 3.5: Cultural Resources

This section contains revisions to the Draft EIR, as follows:

- Updated to clarify the project’s impact on historical resources, specifically the Southern Pacific Roundhouse and Rail Yard Site, and

- Addition of graphics for context, including a historical photograph of the Southern Pacific Roundhouse and Rail Yard Site and current photographs showing the remaining portions of the original roundhouse consisting of degraded concrete foundations.

1.3.5 Section 3.8: Greenhouse Gas Emissions

This section contains revisions to the Draft EIR, as follows:

- Updated the project's GHG impact analysis per the updated Air Quality Analysis Report, and
- Addition of Mitigation Measures GHG-2 and GHG-3.

1.3.6 Section 3.11: Land Use and Planning

This section contains revisions to the Draft EIR, as follows:

- Updated to include clarifications regarding the proposed bike path and consistency with the City's Railroad District Plan's Architectural Guidelines.

1.3.7 Section 3.12: Noise

This section contains revisions to the Draft EIR, as follows:

- Updated to adjust the assumptions for train idling times to reflect current train operational characteristics at the existing maintenance facility located to the north of the project site to represent a more conservative scenario,
- Mitigation Measure NV-3 was revised to reflect existing train idling characteristics and to ensure train idling times are limited to those identified in the mitigation, and
- Mitigation Measure NV-4 was added to: 1) require periodic (quarterly) compliance noise monitoring during operation of the project to ensure noise levels are similar to those disclosed in the *Central Coast Layover Facility Project Noise and Vibration Technical Report* (Appendix J of this EIR) and 2) require construction noise monitoring to be conducted during daytime limits.

1.3.8 Section 3.13: Transportation

This section contains revisions to the Draft EIR, as follows:

- Updated to include clarifications regarding the proposed bike path and additional details demonstrating the project's consistency with the City's General Plan Circulation Element.

1.3.9 Chapter 4.0: Other CEQA Considerations

This chapter contains revisions to the text of the Draft EIR, as follows:

- Updated to reflect the project's significant and unavoidable (unmitigated) impacts with regards to cultural resources.

1.3.10 Chapter 5.0: Cumulative Impacts

This chapter contains revisions to the text of the Draft EIR, as follows:

- The evaluation of cumulative impacts related to aesthetics, air quality, cultural resources, GHG, land use and planning, noise, and transportation have been revised to reflect the revised analysis provided in Section 3.2 Aesthetics, Section 3.3 Air Quality, Section 3.5 Cultural Resources, Section 3.8 Greenhouse Gas Emissions, Section 3.11 Land Use and Planning, Section 3.12 Noise, and Section 3.13 Transportation.

1.3.11 Chapter 7.0: Alternatives

This chapter contains revisions to the text of the Draft EIR, as follows:

- The comparative evaluation of impacts related to cultural resources and GHG have been revised to reflect the revised analysis provided in Section 3.5 Cultural Resources and Section 3.8 Greenhouse Gas Emissions, respectively.

1.3.12 Chapter 9.0: EIR Preparers, Reviewers, and Persons and Organizations Contacted

This chapter contains revisions to the Draft EIR, as follows:

- Added the San Luis Obispo County Air Pollution Control District to Section 9.3 Persons and Organizations Contacted.

1.3.13 Air Quality Analysis Report (Appendix C)

This appendix was modified to replace the previous Air Quality Analysis Report dated November 2021 with the revised report dated July 2022.

1.3.14 Noise and Vibration Technical Report (Appendix J)

This appendix was modified to replace the previous Noise and Vibration Technical Report dated November 2021 with the revised report dated April 2022.

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3.2 Aesthetics (Annotated)

Under State CEQA Guidelines Section 15088.5(c), if a revision to an EIR is limited to a few chapters or portions of the EIR, only the chapters or portions that have been modified need to be recirculated. Consistent with CEQA Guidelines Section 15088.5(c), this Recirculated Draft EIR contains only the portions of the Draft EIR (November 2021) that have been modified. This section has been annotated and only shows the portions that have been updated as indicated in ~~strikeout~~ (for text deletions) and underline (for text additions).

This section has been updated to include additional details demonstrating how the proposed project complies with the City's Railroad District Plan's Architectural Guidelines. This section also includes the addition of graphics of typical architectural types allowed by the Central Coast Layover Facility Master Plan (HDR 2021).

3.2.2 Regulatory Setting

Local

The LOSSAN Rail Corridor Agency is a state agency and is therefore not subject to local government planning and land use plans, policies, or regulations such as the City of San Luis Obispo's Railroad Architectural Guidelines (described below). Although the proposed project is not subject to the City's Railroad Architectural Guidelines, the LOSSAN Rail Corridor Agency has worked with the City and incorporated the City's input received during the Master Plan process into the conceptual architectural design guidelines for the proposed project. As specifically reflected in the Master Plan, buildings would be designed to be compatible with the surrounding built environment and would be consistent with architectural guidance set forth in the City's Railroad District Plan.

City of San Luis Obispo Railroad District Plan

The project site is located entirely within the City of San Luis Obispo's Railroad Historic District. The District boundary covers approximately one-half square mile and extends along the railroad ROW for a distance of about 1.7 miles in roughly a north-south axis. The District includes the original railroad yard, plus residential and commercial-zoned property on the west side of the railroad ROW.

The Railroad District Plan is an area plan adopted by the City to implement the General Plan. The purposes of the Railroad District Plan are to:

1. Implement the City's General Plan with a detailed focus on the Railroad District;
2. Develop a community consensus on an overall vision for the railroad area;
3. Coordinate public and private investment in the area to realize the vision;
4. Preserve the District's historic character with architectural standards which guide new development.

The City of San Luis Obispo has adopted citywide architectural guidelines which apply to new buildings, significant remodels, site improvements, and public area improvements. The Railroad Architectural Guidelines (Section 3 of the Railroad District Plan) supplements the citywide architectural guidelines and are to be applied in a similar manner, except that they apply only to the Railroad District. Within the Railroad District, new development, remodels and additions, site improvements, and publicly-funded projects should follow these guidelines. Property owners, developers, designers, City

staff and advisory bodies, such as the Cultural Heritage Committee, Architectural Review Commission and the Planning Commission use these guidelines to review development projects, consistent with Municipal Code Chapter 2.48. New buildings need not include all of these elements, nor be designed to be a replica of a historic building. The Cultural Heritage Committee and Architectural Review Commission interpret the guidelines and will consider contemporary architectural styles which are consistent with these guidelines and which complement the District's historic character (City of San Luis Obispo Community Development Department 1998). The following includes, but not limited to, architectural guidelines that were considered as part of the project design guidelines incorporated into the proposed Central Coast Layover Facility Master Plan (HDR 2021):

Building Form, Massing, Roof Lines

- Simple, rectilinear building forms should predominate.
- Lower building level (ground floor) massing should be horizontal with equal or lesser volume on upper levels.
- Use medium-sloping roofs, generally 4:12 – 8:12 pitch.
- False-front buildings with shed roofs and parapets may be used.
- Gable, hip, and shed roof forms are typical, with some combinations and minor variations.

Surface Treatment and Colors

Wood Buildings

- Emphasize lighter earthtones such as tan and ochre, with contrasting trim and roof colors. Accent colors are generally low chroma and relatively neutral colors.

Plaster/Masonry Buildings

- Brick is commonly used as an exterior building material.

Auxiliary Buildings

- Auxiliary buildings may be sided with the same material as adjacent principal buildings on the same lot; or if solitary, wood or unpainted corrugated metal panel siding is common.

Site and Public Area Improvements

- In the passenger depot and other high traffic areas, an open-style, decorative fencing and/or rails should be used. In non-traffic areas abutting the railroad right-of-way, storage areas, construction yards and similar uses should be visually screened from the railroad right-of-way. Appropriate fencing materials include vinyl-clad chainlink, steel picket, wrought iron and other similar, low-maintenance open fences which discourage graffiti. Combination wood and metal rails may also be appropriate. Solid, plain masonry and concrete, walls; and residential-style wood fencing should generally be avoided or accompanied by climbing vines to discourage graffiti.
- Security fencing, such as barbed or concertina wire, should be minimized where visible from the railroad yard or a public way. The Architectural Review Commission may approve the use of security fencing when such materials are visually compatible with their surroundings and used sparingly.

Landscape Design

- Planting areas should be provided: 1) in or adjacent to outdoor public use areas; 2) along the railroad right-of-way to screen storage yards, solid walls or fences, or unsightly views; and along public street parkways.
- Planting should be used sparingly to define pedestrian use areas, waiting areas, and other high visibility/high traffic areas that can be regularly maintained.
- Planting within the railroad right-of-way should be low-profile, generally not over 12-15 feet tall, to provide screening and color.

3.2.3 Project Impacts

Impact Analysis

Impact 3.2-3 Degrade Existing Visual Character

In non-urbanized areas, would the proposed project substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage points). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

Construction

As discussed in Chapter 2, Project Description, based on available funding, the proposed project would be constructed over two phases (Phase 1 and Later Phases). Construction of Phase 1 would be approximately 19 months in duration. Project construction for the later phases would be approximately 16 months in duration.

Construction of the project would not include nighttime construction activities (between 7:00 p.m. to 7:00 a.m.) (primarily due to construction noise restrictions on work hours, which prohibits nighttime work) and is not reasonably foreseeable as part of the project. The proposed project will be constructed off (separate) from the existing mainline track; therefore, there would be no need for nighttime closures of railroad tracks for project construction as the existing railroad operations will not be affected during construction. Nonetheless, as a courtesy to the City, construction hours will be limited to those hours allowed by the City's Noise Ordinance, daily, from 7:00 a.m. to 7:00 p.m. except Sundays and legal holidays.

As discussed in the *Central Coast Layover Facility Project Visual Resources Technical Memorandum* (Appendix B of this EIR), the project site is currently undeveloped, although active railroad tracks are immediately adjacent to the east of the project site as well as some areas of impervious surface in the form of degraded concrete and stone foundations and a portion of the housing for the turntable. The project site does not contain any buildings or landscaping and the existing visual character is not memorable. During the construction phase, construction equipment, staging areas, construction trucks and vehicles, and temporary fencing would be visible to several viewer groups and would result in a contrast and change in visual character from the existing vacant area.

Transit patrons, commuters, and bicyclists would primarily experience views of construction activities while riding the Pacific Surfliner, driving along roadways adjacent to the project site, and while traveling along the San Luis Obispo Railroad Safety Trail. The change in the visual character of the project site during the construction phase would be noticed by these viewer groups. However, transit patrons,

commuters, and bicyclists are considered to have a low sensitivity to any visual changes on the project site as they are likely passing through the project area to reach their destinations and do not necessarily have a personal investment in the visual character of the project site.

The patrons and employees of the commercial, and service and manufacturing businesses in the project area would primarily experience views of the construction activities on the project site as they approach and leave their place of work or patronage. Therefore, their views of the construction activities would primarily take place while en route to and from these locations in the project area. The change in the visual character of the project site during the construction phase would be noticed by these viewer groups. However, these viewer groups are considered to have a low sensitivity to any visual changes on the project site as they are likely passing through the project area to reach their place of work or business and do not necessarily have a personal investment in the visual character of the project site.

Residents who live immediately west of the project site (Roundhouse Place Apartments and Village at Broad Street Family Apartments) and east of the project site (single-family residences) would primarily experience views of construction activities while driving to and from their homes. The change in the visual character of the project site during the construction phase would be noticed by these sensitive viewer groups due to their personal investment in the visual environment. However, as previously described the existing visual character of the project site primarily consists of the railroad corridor, and vacant and undeveloped land, and existing railroad tracks within a railroad corridor ROW. No significant visual features or resources would be impacted. Although the construction phase would represent a temporary change in the visual quality and character of the vacant project site for project adjacent residences, the visual impacts are temporary and would cease upon construction completion. Further, construction would be phased depending on available funding and future operation needs. The construction site would also be visibly similar to other construction projects in the City and urban areas. Therefore, impacts during construction would not substantially degrade the existing visual character or quality of the site and surroundings or conflict with applicable zoning and other regulations governing scenic quality. Thus, short-term impacts are considered less than significant, and no mitigation is required.

Operation

As discussed in the *Central Coast Layover Facility Project Visual Resources Technical Memorandum* (Appendix B of this EIR), the proposed project includes the construction of a new rail yard, storage and servicing tracks, operations and maintenance buildings, landscape improvements, and safety and security features. To assess the potential visual changes that would result from the construction and operation of the project, Key Observation Points (KOP) were selected specifically for the project. KOPs represent key locations where the visual character is representative and can be used for visual simulations to evaluate potential visual impacts. Visual simulations from these KOPs were prepared to provide a before and after comparison of the visual effects that would result from the project. The location of the KOPs is shown on Figure 3.2-1. The KOP existing views and simulations are shown on Figure 3.2-2 through Figure 3.2-7.

Key Observation Point 1

Existing Condition. As shown on Figure 3.2-2, KOP 1 provides a view of the central portion of the project site looking west from a bike trail access point located in a residential neighborhood at the Bushnell Street/San Carlos Drive cul-de-sac. The foreground is dominated by paved roadway and sidewalk. The middle ground includes the San Luis Obispo Railroad Safety Trail, young to mature

trees, trail signage, rail corridor, and an existing residence with white fence. The background is dominated by existing multi-story apartment buildings and the South Hills.

Proposed Condition – Phase 1. As shown on Figure 3.2-3, the foreground will remain unchanged as a result of the proposed project. The middle ground and background are substantially altered with the addition of the service and inspection pit canopy in the Phase 1 condition. The view of the rail corridor, existing multi-story apartment buildings, and a portion of the South Hills are obstructed with the addition of the service and inspection pit canopy.

Key Observation Point 2

Existing Condition. As shown on Figure 3.2-4, KOP 2 provides a view of the project site looking southwest from a residential neighborhood at the Rachel Street/Florence Avenue cul-de-sac. The foreground is dominated by paved roadway on the left side of the view and existing vegetation ranging from native ground cover to mid-size shrubs and young trees on the right side of the view. The middle ground includes paved roadway, a white gate, San Luis Obispo Railroad Safety Trail, railroad tracks, apartment buildings, tall mature trees, and the South Hills. The background includes a paved parking lot, mature trees, railroad corridor, existing commercial and residential development and the South Hills.

Proposed Condition – Phase 1. As shown on Figure 3.2-5, the foreground and middle ground will remain unchanged as a result of the proposed project. The background is moderately altered with the addition of the service and inspection pit canopy in the Phase 1 condition. Some of the existing commercial and residential development in front of the South Hills can no longer be seen. The South Hills is still visible with the addition of the service and inspection pit canopy.

Key Observation Point 3

Existing Condition. KOP 3 provides a view of the northern extent of the project site looking south from the southern end of the San Luis Obispo Railroad Museum parking lot. As shown on Figure 3.2-6, the foreground from this vantage point is dominated by paved sidewalk, utilities infrastructure, and unpaved ground. The middle ground includes trees, railroad tracks, a power pole, unpaved ground, metal storage container, fencing and an existing one-story structure and parking lot associated with a commercial business. The background includes a small hillside with scattered trees, railroad tracks, power poles, and large trees. On the right side of the view, the South Hills is visible behind existing commercial and residential development and scattered trees.

Proposed Condition – Later Phases. As shown on Figure 3.2-7, the foreground, middle ground, and background would be altered by development of the proposed project. The foreground would be moderately altered with the addition of security fencing, the proposed paved bike trail, and new landscaping ranging from low-lying bushes, grasses, and young to mature trees. The middle ground and background would be moderately altered with the addition of the one-story wheel truing building (Later Phases), security fencing, and landscaping. A portion of the South Hills and the existing commercial and residential development can no longer be seen in the background from the addition of mature trees.

Conclusion

~~The operation of the project would represent a change in visual character as compared to the existing project site. However, the project is in an urban area that currently has a mix of vacant and~~

~~undeveloped land, railroad corridor, commercial, service and manufacturing businesses, multi-story apartment buildings, single family residences, and the San Luis Obispo Railroad Safety Trail.~~

~~Viewers include residents, transit patrons, commuters, bicyclists, and employees of the commercial, service and manufacturing businesses in the project area. Commercial service and manufacturing businesses would have a low to moderate sensitivity to this visual change and may have less of a personal investment in the visual appearance of the project site. Viewers including residents and trail users would likely have high sensitivity to the visual change and they are more personally invested in the details of their visual environment. However, the current visual character of the project site is currently vacant undeveloped land with remnants of the original roundhouse's concrete and stone foundation and turn table. As discussed in the City of San Luis Obispo's Railroad District Plan (City of San Luis Obispo Community Development Department 1998), abandoned or poorly maintained buildings, fences or sites; unsightly storage or equipment yards are visual character issues that the City of San Luis Obispo is seeking to address.~~

~~The City of San Luis Obispo's Railroad District Plan specifically mentions the Roundhouse Site as an opportunity site for adaptive reuse. Therefore, buildings and site improvements will be designed to be compatible with the surrounding built environment and be consistent with architectural guidance set forth in the City of San Luis Obispo's Railroad District Plan. The Railroad District's architectural guidelines which apply to new buildings, significant remodels, site improvements, and public area improvements supplement the citywide architectural guidelines and are applied in a similar manner within the Railroad District. As required by Municipal Code Chapter 2.48 Architectural Review Procedures, property owners, developers, designers, City staff and advisory bodies, such as the Cultural Heritage Committee, Architectural Review Commission and the Planning Commission use these guidelines to review development projects (City of San Luis Obispo Community Development Department 1998). Therefore, operation of the project would not substantially degrade the existing visual character or quality of public views of the site and its surroundings and would not detract from the District's historic architectural character, circulation patterns, and neighborhood compatibility. Thus, operational impacts related to visual character would be less than significant.~~

Figure 3.2-1. Key Observation Points



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Figure 3.2-2. Existing Conditions – Key Observation Point 1



Figure 3.2-3. Proposed Project View Simulation – Key Observation Point 1



Figure 3.2-4. Existing Conditions – Key Observation Point 2



Figure 3.2-5. Proposed Project View Simulation – Key Observation Point 2



Figure 3.2-6. Existing Conditions – Key Observation Point 3



Figure 3.2-7. Proposed Project View Simulation – Key Observation Point 3



Architectural Design

Building Heights and Massing/Volume. While the project is not subject to the City's zoning regulations, it is noted that the project site is located within the City's Service Commercial (C-S) zone. The City's zoning regulations provide, as an allowable use within this zone "Railroad yards, Stations, Crew Facilities." The proposed project is consistent with this use. The project site is located within an active railroad right-of-way, used daily for passenger and freight rail and associated storage facilities and maintenance activities in support of this use. From a general building height and massing perspective, all proposed structures supporting the CCLF are consistent with City zoning height limits within the C-S zone. The C-S zone allows for building height up to 35 feet. All proposed project buildings are not anticipated to exceed 28 feet in height from the ground surface, with the exception of some architectural appurtenances which would be up to 32 feet in height from the ground surface, and would be single-story. Additionally, the building height is compatible with existing adjacent development. Figure 3.2-8 (Figure 6-24 of the CCLF Master Plan Report) illustrates that the building massing/volume is consistent with (and in much smaller scale) than existing structures in the vicinity of the project site.

Architectural Styles. While the City does not have discretionary authority over the project, the LOSSAN Rail Corridor Agency has continued to work with City staff and decisionmakers, as well as other key stakeholders, as an integral part of the development of the Master Plan for the proposed project. With respect to proposed architectural styles, the LOSSAN Rail Corridor Agency has worked with the City of San Luis Obispo and has incorporated the City's input received during the Master Plan process into the conceptual architectural design guidelines for the proposed project. By incorporating the City's recommendations into the Master Plan architectural guidelines, project buildings will be architecturally compatible with the City's Railroad District Plan architectural guidelines. As specifically reflected in the Master Plan, buildings would be designed to be compatible with the surrounding built environment and would be consistent with architectural guidance set forth in the City of San Luis Obispo's Railroad District Plan.

For example, as shown in the CCLF Master Plan Report (Section 6.3.3 Building Exterior), proposed buildings would be constructed of pre-fab steel, precast, or Concrete Masonry Block (CMU), which is a building construction type that is common among existing buildings in the City's Railroad District. As identified in the Master Plan, proposed exterior systems and materials include the following, consistent with Section 3: Architectural Guidelines of the Railroad District Plan:

- Split Faced Architectural CMU
- Corrugated Metal Siding
- Corten/Weathering Steel
- Metal Siding Rainscreen
- High Pressure Laminate Panel
- Brick Veneer

Figure 3.2-9 through Figure 3.2-14 (Figure 6-25 through 6-30 of the CCLF Master Plan Report) illustrate examples of each of these architectural styles.

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Figure 3.2-8. Massing/Volume of Proposed Buildings



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Figure 3.2-9. Split Face Architectural CMU



Figure 3.2-10. Corrugated Metal Siding



Figure 3.2-11. Corten/Weathering Steel Rainscreen



Figure 3.2-12. Metal Siding Rainscreen



Figure 3.2-13. High Pressure Laminate Panel



Figure 3.2-14. Brick Veneer



Fencing. The Railroad District Plan states, “In the passenger depot and other high traffic areas, an open-style, decorative fencing and/or rails should be used ... Appropriate fencing materials include vinyl-clad chain-link, steel picket, wrought iron and other similar, low-maintenance open fences which discourage graffiti ... Solar, plain masonry and concrete, walls; and residential-style wood fencing should generally be avoided or accompanied by climbing vines to discourage graffiti.” The project site would be fenced at the perimeter and proximate to the proposed bike path, which is considered essential for public safety. To facilitate natural surveillance, a resilient, refined transparent fence material such as welded wire mesh or vertical slat fence is proposed.

The proposed fencing would be constructed with a relatively fine grid spacing of the mesh comprising the fence panels in order to prevent climbing, while maintaining transparency. This transparent yet secure fence would allow the public to visually access the roundhouse foundation that would be preserved as part of the proposed project. Figure 3.2-15 (Figure 6-57 of the CCLF Master Plan Report) provides a welded wire mesh fencing example.

Further, Figure 3.2-7 provides a visual simulation of the proposed fencing looking south from the southern end of the San Luis Obispo Railroad Museum Parking Lot. Figure 3.2-7 illustrates that an open, chain link fencing type is proposed, consistent with the Railroad District Plan. As demonstrated in the pictures depicting architectural styles and proposed fencing type, the architectural exteriors and proposed fencing in areas accessible to the public are consistent with the City’s historic district architectural guidelines.

Figure 3.2-15. Welded Wire Mesh Fencing Example



Design Review. As previously mentioned above, while the City does not have discretionary authority over the project, the LOSSAN Rail Corridor Agency has incorporated the City's input received during the Master Plan process into the conceptual architectural design guidelines for the proposed project. During the design phase at the 65% and 95% milestones, the City will be afforded an opportunity to provide input on the proposed buildings and site improvements within 30-days of receipt of said design information. Recommendations provided by the City will, where practicable (and at the LOSSAN Rail Corridor Agency's sole discretion) be incorporated into the design. The City will be responsible for engaging its appropriate committee or commission to provide proper input on the materials provided. If additional time is required beyond 30-days for the appropriate committee or commission to provide input, additional time can be provided at the LOSSAN Rail Corridor Agency's sole discretion, taking feasibility, among other things, into account. Where incorporating recommendations from the City is not practicable, the LOSSAN Rail Corridor Agency will provide written responses along with the reason(s) that the recommendation could not be accommodated.

Conclusion

The operation of the project would represent a change in visual character as compared to the existing project site. However, the project is in an urban area that currently has a mix of vacant and undeveloped land, railroad corridor, commercial, service and manufacturing businesses, multi-story apartment buildings, single-family residences, and the San Luis Obispo Railroad Safety Trail.

Viewers include residents, transit patrons, commuters, bicyclists, and employees of the commercial, service and manufacturing businesses in the project area. Commercial service and manufacturing businesses would have a low to moderate sensitivity to this visual change and may have less of a personal investment in the visual appearance of the project site. Viewers including residents and trail users would likely have high sensitivity to the visual change and they are more personally invested in the details of their visual environment. However, the current visual character of the project site is currently vacant undeveloped land with remnants of the original roundhouse's concrete and stone foundation and turn table. As discussed in the City of San Luis Obispo's Railroad District Plan (City of San Luis Obispo Community Development Department 1998), abandoned or poorly maintained buildings, fences or sites; unsightly storage or equipment yards are visual character issues that the City of San Luis Obispo is seeking to address.

The City of San Luis Obispo's Railroad District Plan specifically mentions the Roundhouse Site as an opportunity site for adaptive reuse. Therefore, buildings and site improvements will be designed to be compatible with the surrounding built environment and be consistent with architectural guidance set forth in the City of San Luis Obispo's Railroad District Plan. The Railroad District's architectural guidelines which apply to new buildings, significant remodels, site improvements, and public area improvements supplement the citywide architectural guidelines and are applied in a similar manner within the Railroad District. As required by Municipal Code Chapter 2.48 – Architectural Review Procedures, property owners, developers, designers, City staff and advisory bodies, such as the Cultural Heritage Committee, Architectural Review Commission and the Planning Commission use these guidelines to review development projects (City of San Luis Obispo Community Development Department 1998).

As demonstrated in the architectural examples provided above (Figure 3.2-9 through Figure 3.2-14), proposed building architecture would be compatible with the Railroad District Plan architectural guidelines, which includes styles such as split faced architectural CMU, corrugated metal siding, corten/weathering steel, metal siding rainscreen, high pressure laminate panel and brick veneer, all of which have been incorporated into the Master Plan architectural types. As specifically reflected in the

CCLF Master Plan, buildings will be designed to be compatible with the surrounding built environment and will be consistent with architectural guidance set forth in the City of San Luis Obispo's Railroad District Plan. Therefore, operation of the project would not substantially degrade the existing visual character or quality of public views of the site and its surroundings and would not detract from the District's historic architectural character, circulation patterns, and neighborhood compatibility. Thus, operational impacts related to visual character would be less than significant.

Impact 3.2-4 Light and Glare

Would the proposed project create a new source of substantial light and glare, which would adversely affect day or nighttime views in the area?

Construction

As discussed in the *Central Coast Layover Facility Project Visual Resources Technical Memorandum* (Appendix B of this EIR), a significant impact would occur if the project caused a substantial increase in ambient illumination levels beyond the property line or caused new lighting to spill-over onto light-sensitive land uses such as residences, some commercial and institutional uses that require minimum illumination for proper function, and natural areas.

The project site is currently undeveloped and does not currently have any sources of lighting. Existing nightlight in the surrounding area is cast by roadway light fixtures, vehicle headlights, and other outdoor lighting from the surrounding commercial, residential, and service and manufacturing businesses. Construction of the project would not include nighttime construction activities (between 7:00 p.m. and 7:00 a.m.) (primarily due to construction noise restrictions on work hours) and is not reasonably foreseeable as part of the project. The proposed project would be constructed off (separate) from the existing mainline track; therefore, there would be no need for nighttime closures of railroad tracks for project construction as the existing railroad operations would not be affected during construction. Nonetheless, as a courtesy to the City, construction hours will be limited to those hours allowed by the City's Noise Ordinance, daily, from 7:00 a.m. to 7:00 p.m. except Sundays and legal holidays. Therefore, the proposed project would not create a new source of substantial light which would adversely affect day or nighttime views in the area and no impact would occur.

Operation

As discussed in the *Central Coast Layover Facility Project Visual Resources Technical Memorandum* (Appendix B of this EIR), the proposed project would introduce new exterior lighting on the project site. Surface mounted exterior lighting would be installed around the perimeter of the buildings to illuminate building entries and walkways. Pole mounted exterior lighting would be installed to illuminate the layover tracks, fuel tank farm, roadways and employee parking areas. A light-emitting diode (LED) light source would be utilized for all exterior locations.

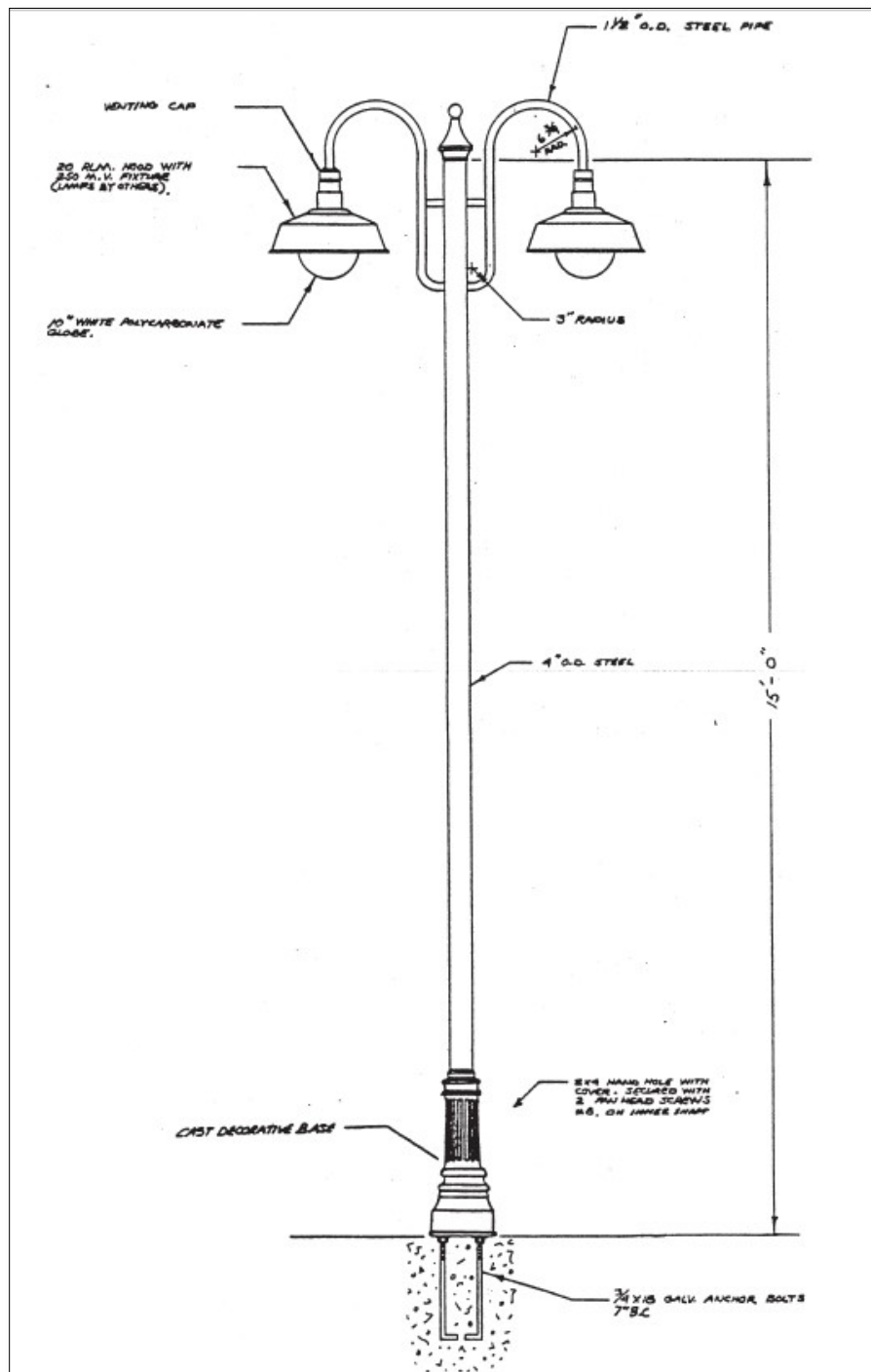
Existing nightlight and glare in the surrounding area is cast by roadway light fixtures, vehicle headlights, and other outdoor lighting from the surrounding commercial, residential, and service and manufacturing businesses. The existing sources of nighttime lighting in the project area and the project's lighting requirements would be similar to that already present in the area. The addition of new light sources from the project is not anticipated to add a substantial amount of new light to the nighttime views. Exterior lighting control would be set up by time clock (scheduled on/off) and luminaire-installed occupancy sensors. Occupancy sensors would drop the lighting levels to 25 percent after not detecting any activity for 10 minutes. The nighttime lighting fixtures that would be installed to direct the majority of the light to within and directly adjacent to the facility, and away from sensitive areas, to the maximum

extent feasible. The project would not be considered to significantly affect the day or nighttime views in the project area.

The design for the landscape buffer proposed along the west edge of the project site will include a pedestrian trail and bike path to help advance the City's Active Transportation Plan. Pursuant to the CCLF Master Plan, the lighting on the pedestrian trail and bike path will be required to comply with the design standards in the City of San Luis Obispo's Active Transportation Plan. Vandal resistant lighting would be installed per City plans, located overhead not more than 16 feet high with direct light downward and recessed bulbs to avoid direct glare. Trail light fixtures will conform to the Railroad District Plan's pedestrian lighting standard as shown in Figure 3.2-16 and provided in the CCLF Master Plan.

The introduction of new buildings and surface parking areas could cause glare from reflected sunlight off building surfaces, primarily windows, and windshields of parked automobiles. However, such reflection would not be adverse because of the relatively small amount of potential glare from the new layover facility would likely be similar to other commercial, service, and manufacturing businesses in this area, which are not known to affect motorists or other public viewers. Accordingly, the project would have a less than significant light and glare impact.

Figure 3.2-16. Railroad District Pedestrian Lighting, typical



Source: City of San Luis Obispo Community Development Department 1998



3.2.4 Mitigation Measures

Implementation of the proposed project would not result in significant impacts on visual resources. Therefore, no mitigation measures are required.

3.2.5 Level of Significance after Mitigation

No significant impact on visual resources has been identified.

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3.3 Air Quality (Annotated)

Under State CEQA Guidelines Section 15088.5(c), if a revision to an EIR is limited to a few chapters or portions of the EIR, only the chapters or portions that have been modified need to be recirculated. Consistent with CEQA Guidelines Section 15088.5(c), this Recirculated Draft EIR contains only the portions of the Draft EIR (November 2021) that have been modified. This section has been annotated and only shows the portions that have been updated as indicated in ~~strikeout~~ (for text deletions) and underline (for text additions).

The Central Coast Layover Facility Project Air Quality Analysis Report prepared by ERP, Inc. was updated to estimate locomotive idle and movement criteria pollutant emissions that would be generated within the CCLF rail spurs and train storage areas. The health risk analysis was also updated to reflect the adjusted train idling times.

Information contained this section is taken from the updated Central Coast Layover Facility Project Air Quality Analysis Report prepared by ERP, Inc., and included as Appendix C of this EIR.

3.3.3 Project Impacts

Thresholds of Significance

Appendix G of the CEQA Guidelines is used to provide direction for determination of a significant air quality impact from the proposed project. For the purpose of this EIR, a significant impact would occur if the proposed project would:

- Conflict with or obstruct implementation of the applicable air quality plan
- Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for O₃ precursors)
- Expose sensitive receptors to substantial pollutant concentrations
- Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people

Methodology

Criteria pollutants for project construction and operation were estimated using CalEEMod version 2020.4.0. 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 emissions associated with both construction and operations from a variety of land use projects. The model calculates criteria pollutant emissions of CO, PM₁₀, PM_{2.5}, SO₂, and the ozone precursors, reactive organic gasses (ROG) and NO_x.

The input data and subsequent construction and operation emission estimates for the proposed project are discussed below. CalEEMod output files for the project are included in Appendix C of this EIR.

An air toxics health risk assessment (HRA) was also prepared for this project that focuses on the project's DPM emissions. Locomotive emissions were calculated per the EPA's publication *Emission Factors for Locomotives* (U.S. EPA 2009). The HRA is included in Appendix C of this EIR.

Construction

Project construction would primarily generate temporary criteria pollutant emissions from construction equipment operation on-site, construction worker vehicle trips to and from the site, and transport of materials. Construction input data for CalEEMod include but are not limited to: (1) the anticipated start and finish dates of construction activity; (2) inventories of construction equipment to be used; (3) areas to be excavated and graded; and (4) materials to be imported to and exported from the project site. The analysis assessed maximum daily emissions from individual construction activities, including site preparation, grading, building construction, paving, and architectural coating.

As described in Chapter 2, Project Description, a phased construction approach is intended, constructing an initial portion of the facility which includes the most immediately needed elements, and adding the remaining components as the need arises and additional funding becomes available. For the purpose of providing a conservative impact analysis, project construction impacts were modeled over two phases (Phase 1 and Later Phases). The emission forecasts modeled for the project reflect conservative assumptions where a relatively large amount of construction is occurring contemporaneously in a relatively intensive manner.

Operation

Operations-period emissions would include those related to worker commute and vendor trips, building/site maintenance activities, building energy consumption demands, and locomotive movement/idling activity. CalEEMod defaults were used to estimate criteria pollutant emissions associated with the project area, energy, and mobile sources. Locomotive emissions were calculated per the EPA publication *Emission Factors for Locomotives* (U.S. EPA 2009). Given that the Pacific Surfliner fleet will be 100 percent Tier-4 compliant prior to Phase 1 development, emissions rates were calculated accordingly. Additionally, operational emissions for the existing facility would be quantified and subtracted from the project's emissions to provide the increase in net new emissions. The existing facility's emissions sources would be similar to project emissions sources including area, mobile, and energy sources from the existing facility building and would include the operation of one locomotive. It was assumed the movement and idling activity (e.g., idling hours, movement distances) for the existing locomotive be the same as the project's activity.

Health Risk Assessment

An HRA consists of three parts: (1) a toxic air contaminant (TAC) emissions inventory, (2) air dispersion modeling to evaluate off-site concentrations of TAC emissions, and (3) assessment of risks associated with predicted concentrations. The following methodologies were used to assess the health risk to nearby residential uses associated with the proposed project:

Model Selection. Dispersion modeling was performed using the EPA's developed AERMOD gaussian plume dispersion model, version 10.10.1.

Modeled Sources. Pacific Surfliner trains using the layover facility would always be north facing (i.e., locomotives would be on the north end of trains). Trains would enter the layover facility from the north, after making their final stops at the San Luis Obispo Train Station. Trains would leave the layover facility heading north to the San Luis Obispo Train Station for their first stop prior to heading south on their journey to San Diego. Point sources were used to represent locomotive idle locations, and line sources were used to represent locomotive movements about the site.

Source Parameters. Locomotive stack release height, diameter, exit velocity, and exit temperature were obtained from the Metrolink Health Risk Assessment for the Central Maintenance Facility

(Metrolink 2014) for the locomotive engine model most representative of the Pacific Surfliner locomotive fleet at the appropriate engine throttle settings.

Emission Rates. The Pacific Surfliner fleet consists of Siemens Charger ALC-42 locomotives that meet U.S. EPA Tier-4 emissions standards. Locomotive emissions were calculated per the EPA's publication Emission Factors for Locomotives (U.S. EPA 2009) using Tier-4 emissions factors and fuel consumption rates.

Exposure Assessment and Risk Calculation. This HRA was conducted per the California Office of Environmental Health Hazard Assessment (OEHHA) publication Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2015).

SLOAPCD Thresholds of Significance

Construction

The SLOAPCD has adopted the *CEQA Air Quality Handbook* for quantifying and determining the significance of air quality emissions (SLOAPCD 2012, 2017). Construction thresholds of significance contained in the *CEQA Air Quality Handbook* include:

- 137 pounds of ROG and nitrogen oxides (NOx) (combined) daily, or 2.5 tons of ROG and NOx (combined) quarterly (Tier 1).
- 7 pounds of diesel particulate matter daily, or 0.13 tons of diesel particulate matter quarterly (Tier 1).
- 2.5 tons of PM₁₀ quarterly

The SLOAPCD has not established quantitative thresholds for CO emissions during construction.

Operation

Operation thresholds of significance contained in the *CEQA Air Quality Handbook* include:

- 25 pounds per day of ROG and NOx (combined), 1.25 pounds per day of DPM, 25 pounds per day of PM₁₀, or 550 pounds per day of CO.
- 25 tons per year of ROG and NOx (combined), or 25 tons per year of PM₁₀.

Health Risk

- Health risk impacts would be considered significant if incremental cancer risk exceed 10 in 1 million or hazard index value exceed 1.0.

Impact Analysis

Impact 3.3-2 Cumulatively Considerable Net Increase of Any Criteria Pollutant

Would the proposed 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 (including releasing emissions which exceed quantitative thresholds for O₃ precursors)?

Construction

The proposed project would include the phased construction of rail yard and track improvements, as well as an approximately 21,500 square feet of single-story structures. To provide a conservative impact analysis, project construction impacts were modeled over two phases (Phase 1 and Later Phases). As shown in Table 3.3-4, project construction would generate temporary criteria pollutant emissions primarily from operation of construction equipment on-site as well as from vehicles transporting construction workers to and from the project site and heavy trucks to haul away excavation spoils and transport building materials. Because the CCLF facility would include special use buildings such as the train wash structure, refinements were made to the CalEEMod default assumptions for “light industrial building.” These refinements resulted in lower construction intensity assumptions, and related reductions in emissions during construction as compared to those values previously reported in the Draft EIR (November 2021). Table 3.3-4 was updated in this Recirculated Draft EIR (as shown in ~~strikeout~~underline below) to reflect the refinements made to the CalEEMod defaults assumptions. As shown in Table 3.3-4, project construction emissions would not exceed SLOAPCD significance thresholds. Therefore, the proposed project would not 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, and this would be considered a less than significant impact.

Table 3.3-4. Estimate of Criteria Pollutant Emissions During Construction

| Construction Period | ROG | NO _x | ROG + NO _x | | CO | SO ₂ | PM ₁₀ | | DPM | |
|--------------------------------|---------------|-----------------|-----------------------|-----------------|-------------|---------------------|------------------|-----------------|---------------------|------|
| | PPD | PPD | PPD | TPQ | PPD | PPD | PPD | TPQ | PPD | TPQ |
| Phase 1 | <u><31</u> | <u>286</u> | <u>316</u> | <u><0.51</u> | <u>2731</u> | <u><0.14</u> | <u>456</u> | <u><0.31</u> | <u>4<0.1</u> | <0.1 |
| Later Phases | <u>4312</u> | <u>403</u> | <u>2316</u> | <u>0.2<1</u> | <u>78</u> | <u><4<0.1</u> | <u>52</u> | <0.1 | <u><4<0.1</u> | <0.1 |
| SLOAPCD Significance Threshold | N/A | N/A | 137 | 2.5 | N/A | N/A | N/A | 2.5 | 7 | 0.13 |
| Exceed Daily Threshold? | -- | -- | No | No | -- | -- | -- | No | No | No |

Source: Appendix C of this EIR

Notes:

See Appendix C of this EIR for Emissions Summary and CalEEMod modeling output sheets.

PPD=pounds per day; TPQ=tons per quarter; DPM=diesel particulate matter

Operation

Operational (i.e., project and existing conditions) emission sources would include (1) mobile emissions related to worker commute and vendor trips, (2) area source emissions related to building/site maintenance activities, (3) off-site emissions related to building energy consumption demands, (4) and locomotive movement and idling activity. Table 3.3-5 provides a conservative estimate of criteria pollutant emissions during long-term project operations. Operational emissions for the existing facility

were quantified and subtracted from the project's emissions to provide the increase in net new emissions. The existing facility's emissions sources would be similar to project emissions sources including area, mobile, and energy sources from the existing facility building and would include the operation of one locomotive. It was assumed the movement and idling activity (e.g., idling hours, movement distances) for the existing locomotive be the same as the project's activity. As previously mentioned, funding is currently not available to construct the entire facility at once. Therefore, the timing of full project buildout is uncertain and the year 2027 is used for this analysis to present maximum potential emissions. As shown in Table 3.3-5, project operation would not result in exceedance of SLOAPCD significance thresholds. Therefore, the proposed project would not 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, and this would be considered a less than significant impact. Although calculated impacts are less than significant, the project would be required to comply with APCD measures for dust control. These measures are memorialized in Mitigation Measures AQ-3 and AQ-4 below.

Table 3.3-5. Estimate of Net New Criteria Pollutant Emissions During Full Buildout Operations

| Operational Period | ROG | NO _x | ROG + NO _x | | CO | SO ₂ | PM ₁₀ | | DPM |
|--------------------------------|-----|-----------------|-----------------------|-----|-----|-----------------|------------------|-----|----------|
| | PPD | PPD | PPD | TPY | PPD | PPD | PPD | TPY | PPD |
| Project Buildout – 2027 | ≤1 | <1 | ≤1 | <1 | ≤13 | <1 | <1 | <1 | 0.340.08 |
| SLOAPCD Significance Threshold | N/A | N/A | 25 | 25 | N/A | N/A | 25 | 25 | 1.25 |
| Exceed Daily Threshold? | -- | -- | No | No | -- | -- | -- | No | No |

Source: Appendix C of this EIR

Notes:

See Appendix C of this EIR for Emissions Summary and CalEEMod modeling output sheets.

PPD=pounds per day; TPY=tons per year; DPM=diesel particulate matter

* Includes locomotive idle and movement emissions

Impact 3.3-3 Sensitive Receptors

Would the proposed project expose sensitive receptors to substantial pollutant concentrations?

Carbon Monoxide Hotspots

A CO hotspot is a localized concentration of CO that exceeds a CO ambient air quality standard. Localized CO hotspots can occur at intersections with heavy peak hour traffic. Specifically, hotspots can be created at intersections where traffic levels are sufficiently high such that the local CO concentration exceeds the state one-hour standard of 20.0 parts per million (ppm) or the state eight-hour standard of 9.0 ppm.

The entire SCCAB is in conformance with state and federal CO standards, and most air quality monitoring stations no longer report CO levels. No stations within the vicinity of the project site have monitored CO in the last 20 years, and the County is not required to monitor for CO. As shown in Table 3.3-5, project operations from area, energy, and mobile emissions sources combined would result in a net increase in maximum daily CO emissions of approximately 3 pounds less than one pound per day. The SLOAPCD daily and annual CO threshold of 550 pounds per day is designed to be protective of public health. Based on the low background level of CO in the project area, ever-improving vehicle emissions standards for new cars in accordance with state and federal regulations, and the project's

low level of operational CO emissions, the project would not create new CO hotspots or contribute substantially to existing CO hotspots. Therefore, the project would not expose sensitive receptors to substantial CO concentrations, and localized air quality impacts related to CO hot spots would be less than significant.

Diesel Particulate Matter

DPM is a toxic air contaminant. Operational TACs include both organic and inorganic chemical substances that may be emitted from a variety of common sources, including gasoline stations, motor vehicles, dry cleaners, industrial operations, painting operations, and research and teaching facilities. Construction-related activities would result in short-term emissions of DPM exhaust emissions from off-road, heavy-duty diesel equipment for site preparation grading, building construction, and other construction activities. However, as shown in Table 3.3-4, project construction would not exceed the SLOAPCD's adopted DPM thresholds.

Operation of the project, which includes specialized light industrial uses, would not generate substantial TAC emissions because they would not involve use of substances known to emit TACs. As shown in Table 3.3-5, project operations would not exceed the SLOAPCD's adopted DPM thresholds. Nevertheless, a DPM HRA (Appendix C of this EIR) was prepared to ascertain the incremental cancer risk that may result from locomotive engine idling associated with the proposed project. The HRA analysis assumes that Each train overnighing at the CCLF would idle up to 30-90 minutes per day as a conservative scenario, although train operations are anticipated to only involve approximately 15-30 minutes at shutdown and 50 minutes at startup. Two trains would overnight at the CCLF at completion of Phase 1 construction. This number is estimated to increase to three trains in five years, then to four trains in ten years.

Although commercial and school uses are present within 0.25-mile of the project site, the HRA focused on residential uses only. This is because locomotive idling would generally occur between the hours of 9 pm and 6 am, when workers and students are not present. Table 3.3-6 shows the incremental cancer risk at residential locations in proximity to the project site. Table 3.3-6 was updated in this Recirculated Draft EIR (as shown in ~~strikeout~~underline below) to reflect the adjusted train idling times (up to 90 minutes per day). As shown in Table 3.3-6, the potential incremental cancer risk is well below the SLOAPCD significance threshold of 10 in 1 million or hazard and index value of 1.0. Therefore, the project would not expose sensitive receptors to substantial DPM emissions, and localized air quality impacts related to CDPM emissions would be less than significant.

Table 3.3-6. Estimate of Operational Incremental Cancer Risk

| Topic | Incremental Cancer Risk | Hazard Index |
|-------------------------------|----------------------------------|-------------------------|
| Residential MEI Location | 3-74.9 9 in 1 million | 0.0040 0.002 |
| SLOAPCD Significance Criteria | 10.0 in 1 million | 1.0 |
| Exceed Threshold? | No | No |

Source: Appendix C of this EIR

Notes:

See Appendix C of this EIR for risk calculation worksheets and AERMOD modeling output sheets, and cancer risk contour maps.

MEI=maximally exposed individual

3.3.4 Mitigation Measures

AQ-1 Construction Valley Fever Plan. The LOSSAN Rail Corridor Agency and contractor(s) shall prepare a Construction Valley Fever Plan to ensure the implementation of the following measures during construction activities to reduce impacts related to Valley Fever.

- A. If peak daily wind speeds exceed 15 mph or peak daily temperatures exceed 95 degrees Fahrenheit for three consecutive days, additional dust suppression measures (such as additional water or the application of additional soil stabilizer) shall be implemented prior to and immediately following ground disturbing activities. The additional dust suppression shall continue until winds are 10 mph or lower and outdoor air temperatures are below a peak daily temperature of 90 degrees for at least two consecutive days.
- B. Heavy construction equipment traveling on un-stabilized roads within the project site shall be preceded by a water truck to dampen roadways and reduce dust from transportation along such roads.
- C. The LOSSAN Rail Corridor Agency shall notify the San Luis Obispo County Public Health Department and the City not more than 60 nor less than 30 days before construction activities commence to allow the San Luis Obispo County Public Health Department the opportunity to provide educational outreach to community members and medical providers, as well as enhanced disease surveillance in the area both during and after construction activities involving grading.
- D. Prior to any project grading activity, the project construction contractor(s) shall prepare and implement a worker training program that describes potential health hazards associated with Valley Fever, common symptoms, proper safety procedures to minimize health hazards, and notification procedures if suspected work-related symptoms are identified during construction, including the fact that certain ethnic groups and immune-compromised persons are at greater risk of becoming ill with Valley Fever. The objective of the training shall be to ensure the workers are aware of the danger associated with Valley Fever. The worker training program shall be included in the standard in-person training for project workers and shall identify safety measures to be implemented by construction contractors during construction. Prior to initiating any grading, the LOSSAN Rail Corridor Agency shall provide the City and the San Luis Obispo County Public Health Department with copies of all educational training material for review and approval. No later than 30 days after any new employee or employees begin work, the LOSSAN Rail Corridor Agency shall submit evidence to the City that each employee has acknowledged receipt of the training (e.g., sign-in sheets with a statement verifying receipt and understanding of the training).
- E. The LOSSAN Rail Corridor Agency shall work with a medical professional, in consultation with the San Luis Obispo County Public Health Department, to develop an educational handout for on-site workers and surrounding residents within three miles of the project site that includes the following information on Valley Fever:
 - Potential sources/causes
 - Common symptoms
 - Options or remedies available should someone be experiencing these symptoms

- The location of available testing for infection

Prior to any project grading activity, this handout shall have been created by the LOSSAN Rail Corridor Agency and reviewed by the City. No less than 30 days prior to any surface disturbance (e.g., grading, filling, trenching) work commencing, this handout shall be mailed to all existing residences within three miles of the project site. The City shall verify compliance with the Construction Valley Fever Plan during the grading phases of project construction. The City shall also verify notification of the San Luis Obispo County Public Health Department, implementation of the worker training program, and mailing of the educational handout via developer-submitted materials.

AQ-2 Naturally Occurring Asbestos Air Toxics Control Measure Compliance. The LOSSAN Rail Corridor Agency shall prepare a geologic evaluation to determine and describe the extent of serpentine rock on the project site. Depending on the conclusions of the geologic evaluation, the developer shall prepare and file:

- An exemption request form (if no serpentine is present);
- A Mini Dust Control Measure Plan (if less than 1 acre of serpentine is present); or
- An Asbestos Dust Control Measure Plan (if more than 1 acre of serpentine is present).

If the project requires either a Mini Dust Control Measure Plan or an Asbestos Dust Control Measure Plan, the LOSSAN Rail Corridor Agency will be required to submit the geologic evaluation and Mini Dust Control Measure Plan or an Asbestos Dust Control Measure Plan to the SLOAPCD for approval prior to any project grading activity.

AQ-3 Fugitive Dust Control Measures. Construction activities can generate fugitive dust, which could be a nuisance to residents and businesses in close proximity to the proposed construction site. Projects with grading areas more than 4 acres and/or within 1,000 feet of any sensitive receptor shall implement the following mitigation measures to manage fugitive dust emissions such that they do not exceed the APCD 20% opacity limit (APCD Rule 401) and minimize nuisance (APCD Rule 402) impacts:

- Reduce the amount of the disturbed area where possible;
- Use of water trucks or sprinkler systems in sufficient quantities to prevent airborne dust from leaving the site and from exceeding the APCD's limit of 20% opacity for greater than 3 minutes in any 60-minute period. Increased watering frequency would be required whenever wind speeds exceed 15 mph. Reclaimed (non-potable) water should be used whenever possible. When drought conditions exist and water use is a concern, the contractor or builder should consider use of a dust suppressant that is effective for the specific site conditions to reduce the amount of water used for dust control. Please refer to the following link from the San Joaquin Valley Air District for a list of potential dust suppressants: Products Available for Controlling Dust;
- All dirt stockpile areas should be sprayed daily and covered with tarps or other dust barriers as needed;
- All roadways, driveways, sidewalks, etc. to be paved should be completed as soon as possible, and building pads should be laid as soon as possible after grading unless seeding, soil binders or other dust controls are used;

- e. All trucks hauling dirt, sand, soil, or other loose materials are to be covered or should maintain at least two feet of freeboard (minimum vertical distance between top of load and top of trailer) or otherwise comply with California Vehicle Code (CVC) Section 23114;

“Track-Out” is defined as sand or soil that adheres to and/or agglomerates on the exterior surfaces of motor vehicles and/or equipment (including tires) that may then fall onto any highway or street as described in CVC Section 23113 and California Water Code 13304. To prevent ‘track out’, designate access points and require all employees, subcontractors, and others to use them. Install and operate a ‘track-out prevention device’ where vehicles enter and exit unpaved roads onto paved streets. The ‘track-out prevention device’ can be any device or combination of devices that are effective at preventing track out, located at the point of intersection of an unpaved area and a paved road. Rumble strips or steel plate devices need periodic cleaning to be effective. If paved roadways accumulate tracked out soils, the track-out prevention device may need to be modified;

- a. All fugitive dust mitigation measures shall be shown on grading and building plans;
- b. The contractor or builder shall designate a person or persons whose responsibility is to ensure any fugitive dust emissions do not result in a nuisance and to enhance the implementation of the mitigation measures as necessary to minimize dust complaints and reduce visible emissions below the APCD’s limit of 20% opacity for greater than 3 minutes in any 60-minute period. Their duties shall include holidays and weekend periods when work may not be in progress (for example, wind-blown dust could be generated on an open dirt lot). The name and telephone number of such persons shall be provided to the APCD Compliance Division prior to the start of any grading, earthwork or demolition (Contact the Compliance Division at 805-781-5912).
- c. Permanent dust control measures identified in the approved project revegetation and landscape plans should be implemented as soon as possible, following completion of any soil disturbing activities;
- d. Exposed ground areas that are planned to be reworked at dates greater than one month after initial grading should be sown with a fast germinating, non-invasive grass seed and watered until vegetation is established;
- e. All disturbed soil areas not subject to revegetation should be stabilized using approved chemical soil binders, jute netting, or other methods approved in advance by the APCD;
- f. Vehicle speed for all construction vehicles shall not exceed 15 mph on any unpaved surface at the construction site;
- g. Sweep streets at the end of each day if visible soil material is carried onto adjacent paved roads. Water sweepers shall be used with reclaimed water where feasible. Roads shall be pre-wetted prior to sweeping when feasible;
- h. Take additional measures as needed to ensure dust from the project site is not impacting areas outside the project boundary.

Plan Requirements and Timing. The LOSSAN Rail Corridor Agency shall submit a Fugitive Dust Control Plan to the City and APCD for review prior to the issuance of grading permits for the first project phase.

Monitoring. The City shall verify compliance with the Fugitive Dust Control Measure Plan during the grading phases of project construction.

AQ-4

Limits of Idling During Construction Phase. State law prohibits idling diesel engines for more than 5 minutes. All projects with diesel-powered construction activity shall comply with Section 2485 of Title 13 of the California Code of Regulations and the 5-minute idling restriction identified in Section 2449(d)(2) of the California Air Resources Board's In-Use Off-Road Diesel regulation to minimize toxic air pollution impacts from idling diesel engines. The specific requirements and exceptions for the on-road and off-road regulations can be reviewed at the following web sites: arb.ca.gov/sites/default/files/classic/msprog/truck-idling/13ccr2485_09022016.pdf and arb.ca.gov/regact/2007/ordiesl07/frooal.pdf.

In addition, because this project is within 1,000 feet of sensitive receptors, the project applicant shall comply with the following more restrictive requirements to minimize impacts to nearby sensitive receptors.

1. Staging and queuing areas shall not be located within 1,000 feet of sensitive receptors;
2. Diesel idling within 1,000 feet of sensitive receptors shall not be permitted;
3. Use of alternative fueled equipment is recommended; and
4. Signs that specify no idling areas must be posted and enforced at the site.

Plan Requirements and Timing. The LOSSAN Rail Corridor Agency shall comply with Section 2485 of Title 13 of the California Code of Regulations and the 5-minute idling restriction identified in Section 2449(d)(2) of the California Air Resources Board's In-Use Off-Road Diesel regulation to minimize toxic air pollution impacts from idling diesel engines.

Monitoring. The City shall verify compliance with Section 2485 of Title 13 of the California Code of Regulations and the 5-minute idling restriction during all phases of project construction.

3.3.5 Level of Significance after Mitigation

Implementation of Mitigation Measures AQ-1 ~~and through AQ-42~~ would reduce potential impacts on air quality to a level less than significant.

3.5 Cultural Resources

Under State CEQA Guidelines Section 15088.5(c), if a revision to an EIR is limited to a few chapters or portions of the EIR, only the chapters or portions that have been modified need to be recirculated. Consistent with CEQA Guidelines Section 15088.5(c), this Recirculated Draft EIR contains only the portions of the Draft EIR (November 2021) that have been modified. Compared to other sections in this Recirculated Draft EIR that are annotated (e.g., Section 3.1, Aesthetics) this section is provided in its entirety and replicated from the Draft EIR (November 2021) for context of revisions. This section has been updated in ~~strikeout~~ (for text deletions) and underline (for text additions).

THE LOSSAN RAIL CORRIDOR AGENCY REQUESTS THAT REVIEWERS LIMIT THEIR COMMENTS TO THE REVISED/UPDATED PORTION OF THIS SECTION AS INDICATED IN ~~STRIKEOUT~~/UNDERLINE TEXT BELOW. (CEQA Guidelines § 15088.5(f)(2).)

This section has been updated to clarify the project's impact on historical resources, specifically the Southern Pacific Roundhouse and Rail Yard Site. Additional graphics have been included for context, including a historical photograph of the Southern Pacific Roundhouse and Rail Yard Site and current photographs showing the remaining portions of the original roundhouse consisting of degraded concrete foundations.

This section provides an evaluation of the proposed project's potential impact in relation to existing and potential cultural resources within the project site. Information contained in this section is summarized from the *Central Coast Layover Facility Project Cultural Resources Technical Report* prepared for the proposed project and included herein as Appendix E of this EIR.

3.5.1 Existing Conditions

Cultural resources include districts, sites, buildings, structures, or objects generally older than 50 years and considered to be important to a culture, subculture, or community for scientific, traditional, religious, or other reasons. Archaeological resources are locations where human activity has measurably altered the earth or left deposits of prehistoric or historic-era physical remains (e.g., stone tools, bottles, former roads, house foundations). Historical resources are buildings, structures, objects, places, and areas that are eligible for listing on the National Register of Historic Places (NRHP), the California Register of Historic Resources (CRHR), or local register, have an association with important persons, events in history, or cultural heritage, or have distinctive design or construction method.

The Cultural Resources Technical Report prepared for the proposed project identifies and evaluates cultural resources within the project site in accordance with the requirements of CEQA. Cultural resource identification efforts for the project included a records search, archival research, and a pedestrian survey of the project site.

Geologic Setting

The project site is located in the Central Coast region of California within the Los Osos Valley, approximately 1 mile to the east of San Luis Obispo Creek, which drains into Morro Bay. The Los Osos Valley is situated in the Santa Lucia Mountain Range which is part of the California Coastal Mountains within the Pacific Coast Range System. Elevations in the project site range from 238 to 254 feet above mean sea level. Geologically, the project site sits on the Franciscan Complex structural block, which dates from the Jurassic and Cretaceous Periods. Lithologic constituents are comprised of sedimentary, clastic, and metamorphic materials such as greywacke, shale, argillite, and serpentinite.

Tranquillon Obispo formation is also present, which consists of intrusive igneous dikes or sills that contain rocks dating to the Mesozoic Era (Hall 2007: 283 289; United States Geological Survey [USGS] 2007). Upper strata consist of Los Osos Diablo Complex soils derived from weathered mudstone, sandstone, and shale with bedrock present at depths ranging from 3 to 5 feet. Typical soil profiles consist of loam to a depth of approximately 1 foot overlaying clay and sandy loam (United States Department of Agriculture, Natural Resource Conservation Service 2020). According to the *Central Coast Layover Facility Preliminary Geotechnical Design Report*, constructive fill extends from the surface to depths of between 3 and 5 feet and that pockets of native soil are present between depths of 5 to 10 feet on the project site (Appendix F of this EIR).

Cultural Setting

The following provides a summary of San Luis Obispo's cultural setting.

Prehistoric Background

The earliest evidence for human occupation along the Central Coast of California dates to the Terminal Pleistocene/Early Holocene period, at least 12,000–13,000 years ago, with an increase in population approximately 10,000 years ago. The regional chronological framework developed for the Central Coast includes six periods or phases: Paleo Indian (pre 8,000 calendar years before Christ [cal] BC), Millingstone/Early Archaic (8,000 to 3,500 cal BC), Early (3,500 to 600 cal BC), Middle (600 cal BC to 1,000 cal AD), Middle/Late Transition (1,000 to 1,250 cal AD), and Late (1250 cal AD to contact). See Appendix E of this EIR for details.

Ethnography: Obispeño Chumash

The proposed project falls within the ethnographic boundaries of the Chumash group of Native Americans, specifically the Obispeño Chumash. Traditional Chumash territory encompasses approximately 7,000 square miles, extending north from Los Angeles to Santa Margarita, and east from the Pacific Coast (including San Miguel [Tuqan], Santa Rosa [Wi'ma], Santa Cruz [Limuw], and Anacapa [Anyapakh] Islands) to the San Joaquin Valley (Boitano n.d). The Obispeño Chumash are located in the northern portion of this area in the vicinity of the City of San Luis Obispo.

The Chumash referred to themselves as “the first people,” and tribal elders say that Chumash means bead maker or seashell people. They were hunters, gathers, and fishermen whose population once numbered in the tens of thousands (Boitano n.d.). Villages were both large and small depending on the temporal period and location.

Important Obispeño Chumash villages included Pismu, where the current city of Pismo Beach is now located; Kulait qupe, where the current city of San Luis Obispo is now located; and Tilhini, which was located in the mountains to the north of Kulait qupe.

Impacts to Chumash culture began with the arrival of the first Euro Americans (starting with the Cabrillo voyage in AD 1542–1543) and the introduction of Old World diseases. Spanish occupation of the area began with the Portolá expedition in AD 1769 and had dramatic consequences for Chumash lifeways. San Luis Obispo was the location of the first mission in Chumash territory, established in 1772. This was followed by San Buenaventura in 1782, Santa Barbara in 1786, La Purísima Concepción (located in present day Lompoc) in 1787, and Santa Ynez in 1804. The mission system ended up incorporating the majority of the Chumash population (Grant 1978).

Historical Background

Spain began settling California in the late eighteenth century; however, the Spanish had little success in gaining a stable foothold due to several factors, such as internal strife, lack of adequate supply routes, and Native American hostility. After a long war, Mexico liberated itself from the Spanish Crown and increased a presence in California through new policies of settlement and more amiable international relations. Inevitably, the Mexican system of rule was doomed to failure as the government was only a democracy on the surface and was increasingly at odds with the wealthy landowners in California. The United States took advantage of this weakness, and by the middle of the nineteenth century, Mexico lost control of California. The conquest of the region by the United States was quickly followed by an increase in socioeconomic complexity and events that propelled California into the future. In general, the history of the Central Coast of California can be broken down into three major periods: Spanish (1769–1821), Mexican (1821–1848), and American (1848–present). See Appendix E of this EIR for a detailed description of these three major periods.

San Luis Obispo

San Luis Obispo County was named after the mission and was one of the original 27 counties established when California became a state (County of San Luis Obispo 2020). Mission San Luis Obispo was unofficially designated as the county seat and a town was organized around the mission in 1856. During the 1850s, the population of San Luis Obispo remained very small, and due to the low population, San Luis Obispo attracted many bandits in the wake of the Gold Rush, which led to an extremely high crime rate in the region. It was common for travelers to go missing or dead bodies to be found along the roads (Hoover et al. 2002; Landwehr 2004; Robinson 1957).

During the 1860s, the residents of San Luis Obispo worked towards claiming rights to the land, but this was a lengthy process and took a number of years to complete. Regular, tri weekly stage service carrying mail and passengers between Los Angeles and San Francisco began during this time. Eventually, more weekly stage lines were developed to connect San Luis Obispo to other growing towns like Cambria, San Simeon, and San Miguel. Although San Luis Obispo was beginning to develop, growth was stifled by a prolonged drought from 1862 to 1864. The economy of early San Luis Obispo was dependent on ranching and the drought devastated the industry. Nearly all of the cattle died of starvation and in debt ranchers were forced to sell their land to newcomers. Much of the land was subdivided giving rise to a new era of small farms and dairies with the exception of the Steele brother's operation which incorporated distressed San Luis Obispo ranches into its vast San Mateo County dairy business (Historic Resources Group 2013; Robinson 1957).

In 1868, San Luis Obispo was officially designated as the county seat, and by 1870, the population had reached approximately 3,000 (Historic Resources Group 2013; Landwehr 2004). On October 5, 1871, a patent was issued to the trustees of the town for 572.65 acres. With the patent in hand, the San Luis Obispo board of trustees began issuing deeds to residents for a small fee. Streets were laid out, sidewalks installed, and trees planted along the streets. In 1876, San Luis Obispo had grown to such an extent that it was incorporated as a city.

Within 10 years of San Luis Obispo becoming a city, the Southern Pacific Railroad built their line as far south as San Miguel and Paso Robles. Anticipation of the railroad reaching San Luis Obispo facilitated further growth.

After the construction of seven tunnels, a trestle bridge, and numerous fills and curves, the Southern Pacific Railroad reached San Luis Obispo in 1894. The railroad connection to San Francisco effectively ended the era of the stagecoach in San Luis Obispo, as well as ending the dependence on steam

ships for trade and travel. The Southern Pacific passenger depot was built on the east side of the city, and there was a large influx of railroad employees in need of housing. New residential, commercial, and civic development quickly followed the arrival of the railroad. Some of the most popular new areas were the Maymont Addition tract and the Imperial Addition tract because they were conveniently located near the Southern Pacific Railroad roundhouse. The Imperial Addition tract soon became known as Little Italy because it was mainly settled by Italian railroad workers (Historic Resources Group 2013; Library of Congress 2020; Robinson 1957).

Following World War I, San Luis Obispo continued to grow and many war veterans relocated to the city to take advantage of California Polytechnical Institute at San Luis Obispo's (Cal Poly) vocational training programs. Cal Poly was established in 1901. Initially, Cal Poly was a private institution, but in 1921 it was transferred to the State Board of Education and became 1 of 10 California state colleges. Industry blossomed during the 1920s with an expansion of retail, oil, agriculture, and dairy businesses, as well as recreational developments such as the Exposition Park Racetrack. The Anderson Hotel was opened in 1923, and the Milestone Inn (Mo Tel Inn) opened in 1925 becoming the first motel in the United States. Improved roads and affordable automobiles allowed people to travel the Central Coast with ease and promotional campaigns were directed at bringing more tourism to San Luis Obispo. The automobile also facilitated the expansion of new residential neighborhoods on the outskirts of town by allowing workers to easily travel back and forth between the suburbs and the city's commercial center (Historic Resources Group 2013; Robinson 1957).

The Great Depression stunted growth in San Luis Obispo during the 1930s. The city was able to weather the economic depression better than most areas due to its agricultural diversity; however, commercial and industrial development suffered. As part of the New Deal, the Works Progress Administration implemented a number of initiatives, including the construction of a causeway to Morro Rock, to keep residents employed and improve infrastructure. Other projects included the construction of roads, bridges, parks, and civic buildings (Historic Resources Group 2013; Landwehr 2004; Robinson 1957).

After the conclusion of World War II, the population expanded significantly, mainly due to the large number of separated military personnel who remained in the area. Throughout the 1950s and 1960s, many areas of San Luis Obispo were redeveloped with new warehouses and business replacing old, dilapidated structures. Some older commercial buildings within the city were revitalized and modified with more contemporary storefronts or were repurposed into other businesses or professional offices. Development and redevelopment continued into the late twentieth century with the creation of more subdivisions and the transformation of old industrial areas into residential areas with apartment complexes and condos (Franks 2004; Historic Resources Group 2013).

Railroad Development

Mid nineteenth century growth in California was characterized by small population booms, but this would change to a steadier growth during the latter part of the century with the building of railroads. In 1862, Congress passed the Pacific Railroad Bill authorizing the Central Pacific and UP to construct a transcontinental line and the first rails were spiked in 1863. On May 10, 1869, an extraordinary feat of engineering was accomplished when the Central Pacific met the UP in Utah and connected the transcontinental line linking California with the rest of the United States (Hayes 2007; Starr 2007).

The Big Four, a group of four Sacramento merchant investors, were the impetus for development of the Central Pacific Railroad on the west coast. During the 1860s, the imminent completion of the transcontinental railroad led to the development of numerous railroads throughout California. The Big Four quickly acquired many of these lines, including the Southern Pacific in 1868, and set to

connecting California's major cities by rail. Two year later, the Central Pacific was merged with the Southern Pacific (Hayes 2007; Starr 2007).

The priority of the Southern Pacific was to link the transcontinental line with Los Angeles, and this was completed on September 5, 1876, at Lang's Station in Santa Clarita (Hayes 2007; Santa Clarita Valley Historical Society 2018; Starr 2007). Concurrently, the Southern Pacific was also working on a connection along the Central Coast between San Francisco and Los Angeles. They began building south out of San Francisco and bought out small, port linked operations in coastal cities like Santa Cruz to limit competition by using the existing infrastructure. It would take the Southern Pacific nearly 25 years to complete its Central Coast Line (Rice and Echeverria 2008).

San Luis Obispo's first rail system was started shortly after the first transcontinental line was completed when John Harford developed a horse drawn railway system. Initially, the horse car system was designed to connect the city to local ports, but it developed into a complete streetcar system by the 1880s. Within a short time, the Pacific Coast Steam Ship Company began developing other narrow gauge railroads in the area such as the Pacific Coast Railway. In 1874, the Pacific Coast Steam Ship Company purchased Harford's facilities and began reconfiguring the system to accommodate steam engines. However, narrow gauge rails were still preferred by the company so that smaller, less expensive engines could be utilized. In 1876, a new rail depot and roundhouse were constructed at the intersection of Higuera and South Streets. Lines were extended to other nearby towns to facilitate regional trade of lumber and agricultural products, as well as to provide passenger service. By 1883, lines were extended to Arroyo Grande, Santa Maria (formerly Central City), Los Alamos, and Los Olivos (Historic Resources Group 2013; Rice and Echeverria 2008; Sullivan 2010).

The Pacific Coast Railroad remained in operation until 1942, linking the ports and rural towns with the Southern Pacific depot, but eventually fell into irreversible decline following the arrival of the automobile and the Great Depression. During the late twentieth century, nearly all of the Pacific Coast infrastructure was demolished to make way for new development. Eventually, all tracks were removed to accommodate expanded city roads like South Street. Today, the site of the former depot contains a gas station, auto repair garage, and a donut shop. The only remaining Pacific Coast building is the grain storage warehouse at 65 Higuera Street, which is also the last of its type in all of San Luis Obispo (Historic Resources Group 2013; Rice and Echeverria 2008; Sullivan 2010).

While the Pacific Coast railroad consolidated its San Luis Obispo operation, the Southern Pacific continued its development further south, and by 1886 had a terminus in Santa Margarita. Due to the difficulties and expense of traversing the La Cuesta Grade, the Southern Pacific's momentum towards San Luis Obispo was slowed, but the line eventually reached the city in 1894. The depot, roundhouse with turntable, and other ancillary facilities were completed in 1894-1895 and employed nearly 500 workers (Historic Resources Group 2013; Rice and Echeverria 2008).

The Southern Pacific's Central Coast Line was completed in 1901 and flourished during most of the early twentieth century, bringing wealth and commerce to coastal California cities. In San Luis Obispo, the completion of the line transformed the layout of the city by shifting the economic center east to the Southern Pacific Railroad tracks. A new signal repair shop and transportation building were constructed, and the roundhouse and turntable was enlarged. However, like the Pacific Coast Railroad, the Southern Pacific was adversely affected by the increased popularity of the automobile during the 1920s, and the decline in leisure travel during the Great Depression in the 1930s. To combat the downturn, the Southern Pacific began working on a new streamlined steam engine in 1935 that would increase speeds to 79 miles per hour. The new Golden State engines debuted in 1937 and the increased speeds allowed the Southern Pacific to reduce rates to below pre-1920 levels (Historic

Resources Group 2013; Rice and Echeverria 2008). In 1943, the Southern Pacific built a new Mission Revival style depot just to the north of the original depot (Franks 2004).

With popularity of the railroad renewed, profits increased, and were further bolstered after the onset of World War II. However, the bounty would not last, and following the war, the automobile, along with increased interest in air travel, began to plague railroad passenger service again. A rise in commercial trucking combined with the new interstate system also hurt railroad freight service. By the 1960s, passenger service was eliminated and in 1971, Amtrak took over most of the passenger rail service in the United States (Historic Resources Group 2013). Amtrak occupied the Southern Pacific's depot in San Luis Obispo and today it is one of the few Mission Revival style buildings in the city (Franks 2004). Freight service continued, but steadily declined as the Southern Pacific could not compete with local commercial trucking, and by 1996, the company was bought out by the UP Railroad. In recent decades, the UP has managed to revitalize passenger and freight service along the Central Coast (Rice and Echeverria 2008).

One of the few remaining structures from San Luis Obispo's early railroad era is the Southern Pacific Freight Warehouse. Originally constructed in 1895, the Freight Warehouse functioned as a freight transfer point for both the Southern Pacific and Pacific Coast Railroads. It was constructed a few blocks south of the Southern Pacific Depot near the roundhouse, was constructed of wood, and had a floor and platform built of asphaltum from Price Canyon. The freight warehouse was abandoned during the mid-twentieth century but was left intact unlike the majority of railroad related structures in San Luis Obispo. At the turn of the twenty first century, the freight house became the permanent home of the San Luis Obispo Railroad Museum and underwent a restoration from 2000 to 2014 (Franks 2004; Library of Congress 2020; San Luis Obispo Railroad Museum 2020). Other remnants of San Luis Obispo's early railroad era include the foundations for the Southern Pacific roundhouse and associated shop buildings to the south of the museum (Appendix E of this EIR).

San Luis Obispo Southern Pacific Railroad Roundhouse and Shops

Railroad roundhouses were synonymous with steam locomotives, were ubiquitous throughout the early railroad industry, and were primarily used for maintenance and storage. A roundhouse with a turntable was one of two structures used for the maintenance and maneuvering of locomotives; the other being a square shed with a transfer table. Roundhouses were first devised in the mining fields of England, and the innovation quickly made its way to America. They allowed covered storage for numerous steam engines, and the turntable allowed the multidirectional movement of engines with relative ease (Halberstadt and Halberstadt 2002).

A major disadvantage to the roundhouse was that engines would get bottlenecked at the turntable in the event of a fire. Due to all the flammable liquids within a roundhouse, the danger of fire was high; therefore, many roundhouses, like the Southern Pacific's San Luis Obispo roundhouse, were designed with enough track between the structure and turntable so engines could be removed quickly in the event of a fire. Other facets of design included drop pits beneath stalls for working on undercarriages, skylights, all around windows, and numerous flues for smoke and ventilation. Associated shops were utilized for repairing engines and railcars. A carpenter's shop was generally well equipped enough to rebuild an entire box car; machine shops were equipped with forges to recast parts, replace rivets, or bend steel into place; and the boilermaker shop was used for repairing and testing steam boilers (Halberstadt and Halberstadt 2002).

The Southern Pacific Railroad's roundhouse in San Luis Obispo was essential for the constant servicing of the 90-ton engines that negotiated La Cuesta Grade to Los Angeles. The roundhouse was built in 1894, the same year the railroad established service in San Luis Obispo (Middlecamp 2017).

Initially, the roundhouse contained 10 stalls, but the foundation was laid to accommodate up to 25 stalls (*The Morning Press* 1899). It was constructed of high-grade brick and contained a turntable, two enclosed workshops, and seven garden tracks used for open weather work. Five new stalls were added in 1901 and another six were added in 1910 with associated shops (*Los Angeles Herald* 1901; Middlecamp 2017). Shops associated with the roundhouse included the powerhouse, which was used to generate steam to start the engines; the electrical shop; and the parts shop. In 1922 and 1923, the turntable was expanded to accommodate the longer Daylight steam engines that the Southern Pacific was developing. To the south of the turntable were the water and fuel columns and the sand house (Brad LaRose, personal communication, October 7, 2020; Middlecamp 2017).

The roundhouse operated continuously throughout the first half of the twentieth century; however, the development of more powerful diesel locomotives signaled the end of the steam engine era. Diesel engines required less maintenance and could move forward and backward, which rendered the roundhouse obsolete. The last locomotives left the roundhouse in 1956, and within 3 years, the structure was demolished with only the foundation and turntable remaining. In 1971, the original Southern Pacific depot surrounding the roundhouse was demolished, and in 1994, the turntable was removed (Brad LaRose, personal communication, October 7, 2020; Middlecamp 2017). However, the foundations for the roundhouse and shops are still extant, as well as the housing and concrete pit for the turntable. The roundhouse foundations are constructed of large natural stone blocks overlaid with brick and concrete. The turntable pit has been completely filled in, but the outline is still visible on the surface.

Archival Sources Consulted

The following sources of information were reviewed to identify previously recorded archaeological and historic built-environment resources in and around the project site:

- NRHP (National Park Service 2020)
- California Points of Historical Interest, California Historical Landmarks, and CRHR (State of California 2020a)
- Central Coast Information Center (CCIC) of the California Historical Resources Information System (CHRIS)
- California Department of Transportation (Caltrans) Historic Bridge Inventory (State of California 2020b)
- City of San Luis Obispo Historic Resources Survey (City of San Luis Obispo 1983)
- City of San Luis Obispo Master List of Historic Resources (City of San Luis Obispo 2016)
- City of San Luis Obispo Contributing List of Historic Resources (City of San Luis Obispo 2015)
- San Luis Obispo County Built Environment Resource Directory (State of California 2020c)
- Historical aerial imagery and United States Geological Survey topographic maps (Nationwide Environmental Title Research 2020)
- Sanborn Fire Insurance Company maps (Library of Congress 2020)

Records Search

On August 7, 2020, a records search request was submitted to the CCIC of the CHRIS, housed at University of California, Santa Barbara. The purpose of the records search was to determine the extent of previous cultural resource investigations and to identify previously documented archaeological sites and built-environment resources within the project site and a 0.5-mile buffer surrounding the project site.

Field Survey

A pedestrian cultural resource survey of the project site was completed between October 6 and 8, 2020. The project site covers approximately 13 acres and measures roughly 3,275 feet long, north-south by a maximum of 350 feet wide, east-west. The project site is situated entirely within railroad ROW and generally overlaps the site of the former Southern Pacific rail yard. The project site is mostly flat and generally covered with dirt/gravel.

Previous Cultural Resources Investigations

The records search identified 63 previous cultural resources investigations within 0.5 mile of the project site. Twelve of these investigations overlap portions of the project site (amounting to about 60 percent coverage), while 51 occurred outside of the project site but within 0.5 mile of it. Of the investigations overlapping the project site, 6 out of 12 are related to a historic resources survey conducted by the City of San Luis Obispo Cultural Heritage Committee (CHC) (City of San Luis Obispo 1983). Of the remaining four reports, the most relevant to the current study is the Caltrans District 5 *Historic Property Survey Report for Additions to the San Luis Obispo Train Station* (Pavlik 1994). This report recorded and evaluated the San Luis Obispo Southern Pacific Railroad NRHP Historic District and Southern Pacific roundhouse and turntable foundations as NRHP-eligible properties, both of which exist within the project site.

Previously Recorded Resources

The records search conducted by the CCIC identified 141 previously recorded or noted cultural resources within 0.5 mile of the project site. Of these resources, 5 are located within the project site (Table 3.5-1), while 136 are located outside the project site but within the 0.5-mile buffer. Of the 136 resources outside the project site, 3 are archaeological sites (1 prehistoric, 2 historic), while 133 are historic built-environment resources (Appendix E of this EIR).

The five previously recorded resources within the project site consist of:

- The San Luis Obispo Southern Pacific Railroad NRHP Historic District
- The City of San Luis Obispo Local Railroad Historic District
- The Southern Pacific roundhouse foundations and turntable (historic archaeological site)
- The railroad loading dock (historic structure)
- The foundations of two railroad outbuildings associated with the roundhouse (historic archaeological features)

None of these five resources have been formally recorded on California Department of Parks and Recreation (DPR) 523 series forms; therefore, none have primary number designations. The NRHP district and Southern Pacific roundhouse foundations and turntable were determined NRHP-eligible,

with State Historic Preservation Officer (SHPO) concurrence (Pavlik 1994). The loading dock and outbuilding foundations are listed in the Railroad District Plan, and their evaluation status is unknown (City of San Luis Obispo 1998). These five resources are described below in Table 3.5-1 and identified on Figure 3.5-1.

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Table 3.5-1. Previously Recorded Resources within the Project Site

| Count | Primary/ Trinomial | Resource Name* | Resource Type | Description | Year Built | Eligibility (code) |
|-------|-----------------------|--|--|---|------------|--|
| 1 | * | San Luis Obispo Southern Pacific Railroad NRHP Historic District | Historic District | Historic District | 1894-1940 | Individual Property determined eligible for the NRHP; listed in the CRHR (2S2) |
| 2 | * | Southern Pacific Roundhouse and Turntable Foundations | Historic archaeological site; contributor to the San Luis Obispo Southern Pacific Railroad NRHP Historic District. | Railroad roundhouse/turntable foundations | 1894 | Contributor to a district determined eligible for the NRHP; listed in the CRHR (2D2) |
| 3 | ** | City of San Luis Obispo Local Railroad Historic District | Historic District | Historic District | 1894-1945 | Individual property that is listed or designated locally (5S1) |
| 4 | *** | Railroad Loading Spur or Team Track and Dock | Historic structure; contributor to the City of San Luis Obispo Local Railroad Historic District. | Railroad loading dock | 1940s | Unknown |
| 5 | *** | Foundations, Railroad Outbuildings | Two historic archaeological features; contributor to the City of San Luis Obispo Local Railroad Historic District. | Foundations | 1920s | Unknown |

Source: Appendix E of this EIR

Notes:

* Listed in the San Luis Obispo County Built Environment Resource Directory/Historic Property Data File (State of California 2020c).

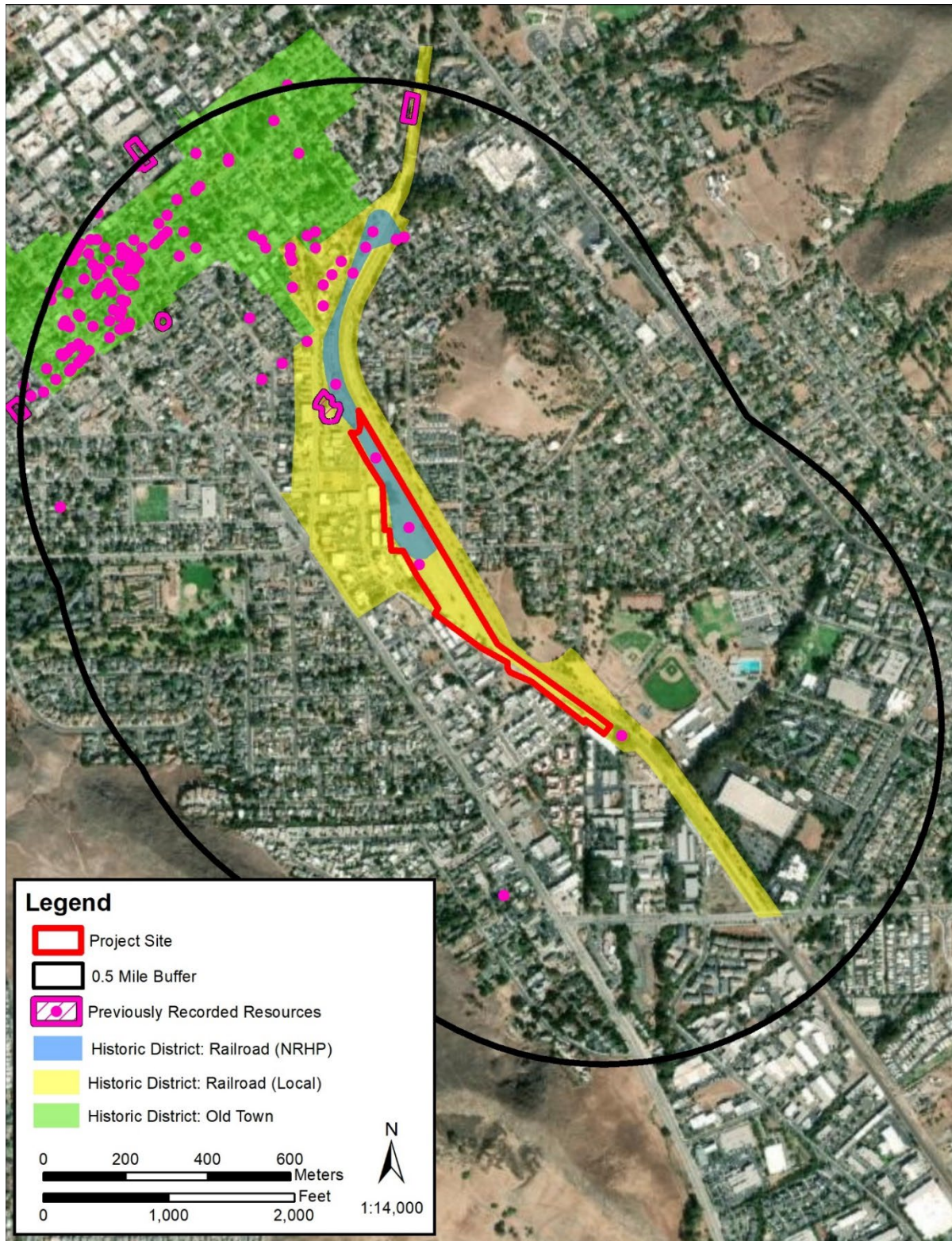
** Established by the San Luis Obispo City Council in 1998

***Identified as a historic structure in the City of San Luis Obispo Railroad District Plan (City of San Luis Obispo 1998).

CRHR=California Register of Historical Resources; NRHP=National Register of Historic Places

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Figure 3.5-1. Previously Recorded Resources within 0.5 Mile of the Project Site



Source: Appendix E of this EIR

San Luis Obispo Southern Pacific Railroad National Register of Historic Places Historic District

The San Luis Obispo Southern Pacific Railroad NRHP Historic District (NRHP Historic District) was originally recorded as a resource by Caltrans' Robert Pavlik in 1994 as part of an architectural survey for proposed additions to the San Luis Obispo Southern Pacific Depot (Amtrak Station, located at the north end of the NRHP Historic District). The NRHP Historic District is described as a group of structures, dating to the late nineteenth century to the mid twentieth century, which comprise the vestiges of a once vibrant passenger, freight, and railroad maintenance facility. The building's exterior details vary in type, from simple board and batten to stucco and steel cladding. The NRHP Historic District begins at the intersection of Santa Rosa Street and Railroad Avenue and continues south along the tracks (but do not include the tracks themselves) to the site of the turntable and roundhouse east of Roundhouse Avenue. The NRHP Historic District boundary falls within the confines of the railroad ROW, and except for that portion that crosses over the tracks at the northern end to encompass the water tower, the NRHP Historic District continues south along the western side of the tracks. The railroad tracks were considered a functional and integral component of the ongoing rail operation; therefore, they were not included as a contributing element to the NRHP Historic District in 1994. The components of the NRHP Historic District as recorded by Pavlik (1994) are listed below:

- San Luis Obispo Southern Pacific Train Depot (contributing; P-40-040182; 1076 Railroad Avenue)
- Southern Pacific Transportation Company Building (contributing; 1076 Railroad Avenue)
- Southern Pacific Railroad Warehouse (contributing; P-40-040183; 1940 Santa Barbara Avenue)
- Southern Pacific Water Tower and Tank (contributing; P-40-040660; 1091 Railroad Avenue)
- Southern Pacific Roundhouse Foundation (contributing; Roundhouse Avenue)
- Southern Pacific Turntable Foundation (contributing; Roundhouse Avenue)
- Bus Shelter (non-contributing; 1076 Railroad Avenue)
- Southern Pacific Transportation Company Switching Building (non-contributing; 1076 Railroad Avenue)

The Southern Pacific Roundhouse Foundation and Turntable Foundation are the only two contributors of the district in the project area.

The significance of the NRHP Historic District was assessed as follows:

The San Luis Obispo Southern Pacific Railroad Historic District represents the remaining buildings and features associated with the arrival and development of the railroad in the city of San Luis Obispo. The buildings span the time period of the Southern Pacific's height of importance in the county, from 1894 to 1943. The advent of the Southern Pacific in San Luis Obispo County brought guaranteed growth and economic prosperity to this once remote Central California county. The remaining buildings and structures reflect the diversity of Southern Pacific Railroad architecture, from the utilitarian warehouse (1895) to the simple yet attractive Spanish Colonial Revival depot (1943). The water tower (1940) and roundhouse foundation (1894) are remnants of an obsolete technology. Together these related resources point to the important role that the railroad played in the development and maturation of the city of San Luis Obispo. The surrounding residential neighborhood, although not a part of this historic district, is also testimony to the importance of the railroad in this city's history, as almost five hundred

individuals were employed at the Southern Pacific yard during its heyday. The continued growth of the community and the county, from the expanded agricultural opportunities to the establishment of a state college (1901) and the location of several nearby military bases during World War II were due, at least in part, to the presence of the Southern Pacific Railroad in San Luis Obispo County (Pavlik 1994).

In a letter dated May 4, 1994, SHPO concurred that the above listed properties, with the exception of the bus shelter and the Southern Pacific Transportation Company switching building, are eligible for inclusion on the NRHP under Criteria A and C as contributing elements to the San Luis Obispo Southern Pacific Railroad Historic District at the local level of significance, as defined in 36 Code of Federal Regulations 60.4. The NRHP Historic District satisfies Criterion A (associated with events that have made a significant contribution to the broad patterns of our history) by association with the arrival and development of the railroad in San Luis Obispo, which was immensely important in the growth and development of San Luis Obispo County. The NRHP Historic District also satisfies Criterion C (embodies the distinctive characteristics of a type, period, or method of construction or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction) by the fact that “all of the structures have retained characteristics of design and materials that are representative of their respective periods of significance in the historic development of the district” (Pavlik 1994). SHPO also agreed that structures such as the water tower, turntable, and warehouse, though deteriorated and in disarray, still retain elements that lend historic integrity to the NRHP Historic District. Furthermore, the NRHP Historic District itself is considered an individual property determined eligible for listing in the NRHP and listed in the California Register of Historical Resources.

Field Survey Results

The project site partially overlaps the southern half of the NRHP Historic District. The previously recorded elements of the NRHP Historic District (i.e., the foundations of the roundhouse and turntable) that fall within the project site were revisited during field surveys and found as previously described by Pavlik. The roundhouse and turntable site were updated and expanded as a standalone archaeological site that also combines all extant features of the rail yard in the vicinity of the roundhouse. The NRHP Historic District was updated by the expansion of one of its contributing elements to incorporate associated features.

Resource Eligibility

This resource, as originally recorded by Pavlik (1994), was previously determined eligible for listing in the NRHP, under Criteria A and C, with SHPO concurrence in 1994. Due to its NRHP eligible status, the NRHP Historic District is automatically listed in the CRHR and is eligible under CRHR Criteria 1 and 3, which mirror NRHP Criteria A and C.

As originally recorded, the NRHP Historic District extended from the intersection of Santa Rosa Street and Railroad Avenue at the north (where the depot is located), south to the roundhouse site, and was confined to the railroad ROW. Of the eight properties evaluated as elements of the NRHP Historic District, six were determined to be contributing elements, while two were determined to be noncontributing.

Updates to the NRHP Historic District, as a result of the current study, consist of the incorporation of 16 additional features (discussed below) into the roundhouse/turntable site, and forming a larger historic archaeological site which is referred to as the Southern Pacific Roundhouse and Rail Yard Site pending assignment of a Primary number by the CCIC (Appendix E of this EIR).

City of San Luis Obispo Local Railroad Historic District

In 1998, the San Luis Obispo City Council created a locally designated railroad historic district (local district) at the same time it adopted the Railroad District Plan (Brian Leveille, personal communication, December 21, 2020; City of San Luis Obispo 1998; see Section 3.5.2). The local district is generally bounded by Johnson Avenue at the north, Orcutt Road at the south, the railroad ROW at the east, and Broad Street/Leff Street at the west. The district encompasses both above- and below ground resources and includes the original railroad yard, as well as residential and commercial zoned property on the west side of the railroad ROW. The Historic Preservation Program Guidelines (City of San Luis Obispo 2010:51) provide a description of the local district setting, features, and architectural characteristics; however, there appears to have been no formal documentation or evaluation (e.g., on DPR forms) of the local district as an entity itself. The Railroad District Plan lists the following historic structures and sites as features of the local district:

- Johnson Avenue Bridge
- Fairview Street Bridge (demolished)
- Southern Pacific Railroad Water Tower
- Southern Pacific Railroad Signal Repair Shop (demolished)
- Southern Pacific Railroad Train Depot
- The Old Railroad Depot (demolished)
- Southern Pacific Transportation Company Building
- Alano Club Building
- Park Hotel
- Railroad Square Building
- Del Monte Grocery
- Railroad Loading Spur or Team Track and Dock
- Southern Pacific Freight Warehouse
- Southern Pacific Milling Company Warehouse
- Railroad Turntable and Roundhouse (partially demolished)
- Foundations, Railroad Outbuildings
- Drainage Culvert at McMillan
- Call/Parkview Hotel
- William M. Duff House
- Alexander Galewski House
- Tribune Republic Building

Of the above, the following three contributors to the district are in the project site: Railroad Loading Spur or Team Track and Dock; Railroad Turntable and Roundhouse (partially demolished); and “Foundations, Railroad Outbuildings.” It is important to note only the foundations exist on the project

site today. No other remnant or railroad outbuildings are present on the project site. The roundhouse was decommissioned in the late 1950s with the end of the Steam Era and was dismantled in 1959. The turntable was cut up and sold for scrap in 1993.

Field Survey Results

The project site falls entirely within the boundaries of the local district. Elements of the local district that ~~fall~~ are located within the project site include the foundations of the roundhouse and turntable. As discussed above, the roundhouse and turntable site were updated and expanded as a standalone archaeological site. The local district was updated by the expansion of one of its contributing elements to incorporate associated features (Appendix E of this EIR).

Resource Eligibility

The City of San Luis Obispo created a new, locally designated railroad historic district in 1998 that includes elements of the NRHP Historic District, as well as the residential and commercial neighborhood west of the tracks. ~~Since~~ Because the City of San Luis Obispo local district is included in a local register of historical resources, it qualifies as a historical resource under CEQA.

Updates to the local district as a result of the ~~current study~~ cultural resources study prepared for the proposed project (Appendix E of this EIR) consist of the incorporation of 16 additional features (discussed below) into the roundhouse/turntable site and forming a larger historic archaeological site referred to as the Southern Pacific Roundhouse and Rail Yard Site.

Southern Pacific Roundhouse and Turntable Foundations

The roundhouse foundations and turntable foundations were originally recorded as a resource by Caltrans' Robert Pavlik in 1994 as part of an architectural survey for proposed additions to the San Luis Obispo Southern Pacific Depot. Railroad roundhouses were synonymous with steam locomotives, ubiquitous throughout the early railroad industry, and primarily used for maintenance and storage. The Southern Pacific Railroad's roundhouse in San Luis Obispo was essential for the constant servicing of the 90-ton engines that negotiated La Cuesta Grade to Los Angeles. The roundhouse was built in 1894, the same year the railroad established service in San Luis Obispo (Middlecamp 2017). Initially, the roundhouse contained 10 stalls, but the foundation was laid to accommodate up to 25 stalls (*The Morning Press* 1899). It was constructed of high-grade brick and contained a turntable, two enclosed workshops, as well as seven garden tracks used for open weather work. Five new stalls were added in 1901 and another six were added in 1910, with associated shops (*Los Angeles Herald* 1901; Middlecamp 2017). In 1922-1923, the turntable was expanded to accommodate the longer Daylight steam engines that the Southern Pacific was developing (Middlecamp 2017).

The roundhouse operated continuously throughout the first half of the twentieth century; however, the development of more powerful diesel locomotives signaled the end of the steam engine era. Diesel engines required less maintenance and could move forward and backward, which rendered the roundhouse obsolete. The last locomotives left the roundhouse in 1956, and within 3 years, the structure was demolished with only the foundation and turntable remaining. In 1971, the original Southern Pacific depot surrounding the roundhouse was demolished, and in 1994, the turntable was removed. All that remains of the original roundhouse are the degraded concrete foundations and a portion of the housing for the turntable. The only remaining structure from the original depot is the 1894 freight house, which now houses the San Luis Obispo Railroad Museum, which is located outside of the project area (Middlecamp 2017; San Luis Obispo Railroad Museum 2020).

The turntable consisted of a round ring of concrete, approximately 75 feet in diameter, which was set 2 feet into the ground. The turntable was directly adjacent to the railroad tracks; its east wall formed part of the embankment of the railroad tracks. The date 1923 was embossed in the concrete east wall. The floor of the turntable was concrete. Along the inside diameter of the concrete ring was a steel rail set on wooden ties. The superstructure, known as a turntable bridge, was made of riveted steel girders with a wooden decking. A graded roadbed leading from the railroad tracks to the turntable is still evident, although the rails and ties have been removed. The turntable bridge was removed in November 1993, and the pit filled in January and February 1994.

The turntable is significant both as an engineering artifact and as a key feature of the historic rail yard. It is of interest as an engineering artifact because of its use as a device to move steam locomotives into and out of the roundhouse bays for maintenance and repair. It is of historic significance as a remnant artifact of the large complex of railroad related facilities that made San Luis Obispo a hub of activity for the Southern Pacific Railroad. The turntable was cut up and sold for scrap in 1993 by Southern Pacific Railroad. Only a remnant of the original turntable foundation exists on the project site today, and is in damaged condition, likely associated with previous roundhouse demolition. The turntable pit has been completely filled in, but the outline is still visible on the surface. All that remains of the original roundhouse is the degraded concrete foundations and a portion of the housing for the turntable. See Figure 3.5-4 below.

Field Survey Results

This historic archaeological site consists of the roundhouse foundations, turntable retaining wall, and several other foundations and features representing shops and facilities associated with the roundhouse and rail yard. The previously recorded and evaluated roundhouse/turntable site was expanded as a result of fieldwork undertaken for the ~~present~~ cultural resources study for the proposed project to incorporate 16 additional features (all of which are concrete foundations/pads). New DPR 523 series forms were prepared for this site and are included in Appendix E of this EIR. The roundhouse, turntable, and the 16 additional features are identified on Figure 3.5-2 and described below.

Figure 3.5-2. Archaeological Site Map for the Southern Pacific Roundhouse and Rail Yard Site



Source: Appendix E of this EIR

Additional graphics (Figure 3.5-3 through Figure 3.5-6) of the roundhouse have been included in this Recirculated Draft EIR to provide historical context and to show the current condition on the project site showing the degraded concrete foundations, which are the only remaining portions of the original roundhouse.

Roundhouse: Built in 1894, the roundhouse was an imposing structure which dominated the railroad yard and was visible from some distance (Figure 3.5-3). The semicircular brick building was equivalent in height to a three-story building and could service at least 15 locomotives at a time. Locomotives would exit the Roundhouse onto a short section of track on the turntable, one at a time, to be turned to match up with rails leading to the yard and the main lines. The roundhouse was decommissioned in the late 1950s with the end of the Steam Era and was dismantled in 1959. The turntable was cut up and sold for scrap in 1993. All that remains is a portion of the concrete foundations of the building (Figure 3.5-4 and Figure 3.5-5).

The visible foundations of the Roundhouse measure approximately 360 feet north south by 70 feet east-west. The foundations are flush with the ground surface to the east; however, the ground surface adjacent west of the roundhouse is several feet below the level of the roundhouse floor. To accommodate this difference in elevation, there is a cut stone retaining wall (with blocks measuring up to 1 foot, 6 inches by 2 feet in size) underlying the west edge of the concrete. In a few places at the top of this retaining wall are two to three courses of red brick (Figure 3.5-6). Aside from the brick and cut stone, the foundations are exclusively concrete. The concrete represents strips of floor between the pit tracks (or bays) where steam locomotives would enter the roundhouse for service. The pit tracks have all been filled in but would have originally been approximately 4 feet deep. The widths of the pit tracks are 9 feet at the west; 6 feet, 6 inches in the middle section; and 9 feet at the east. The widths of the concrete strips between pit tracks are 11 feet, 4 inches at the west; 12 feet, 6 inches in the middle section; and 7 feet narrowing to 6 feet, 6 inches at the east. North of the central concrete area/machine shop, only the outlines of 6 pit tracks (of the original 10) are visible. South of the central concrete area/machine shop, only the outlines of seven pit tracks are visible.

Other notable features of the roundhouse foundations include the central concrete area, measuring about 50 by 50 feet, which housed the machine shop. The south concrete area measures about 30 feet wide by 70 feet long (northeast-southwest). This south concrete area appears to represent the south side of the roundhouse superstructure. South of here were the open-air garden tracks. North of the south concrete area, each concrete strip contains a row of three metal brackets representing the bases of the roundhouse vertical structural supports. The central concrete area/machine shop contains a small concrete footing, possibly for a jib crane (type of crane with a horizontal member that supports a moveable hoist fixed to a floor mounted pillar), measuring approximately 5 feet by 2 feet by 6 inches. Another concrete footing was recorded two strips north of the central concrete area. It measures approximately 2 feet by 2 feet by 1 foot tall and has 12 lag bolts in a circular pattern. The two pit tracks north and south of the central concrete area are connected. The concrete strip just north of the central concrete area contains an L shaped groove. Several wood planks were observed, apparently lining the edges of pit tracks, but it is possible these are just part of the fill for the pit tracks. Finally, the roundhouse foundations include a general historic debris scatter consisting of fragments of wood, glass, metal, ballast, concrete, asphalt, brick, and cut bone.

Turntable: The turntable, also originally built in 1894, consisted of a circular concrete well approximately 75 feet in diameter and 2 feet deep (Figure 3.5-3). The central superstructure, known as the Turntable Bridge, consisted of riveted steel girders with wood decking and steel rails. In 1923, the turntable was expanded to approximately 100 feet in diameter to accommodate the longer Daylight steam engines that the Southern Pacific was developing. The turntable was cut up and sold for scrap

in 1993 by Southern Pacific Railroad. The east concrete retaining wall that formed part of the Turntable well is all that remains and is marked with the date 1923, embossed into the concrete.

The retaining wall functioned to keep the main tracks elevated (on the east side) and the turntable level (on the west side) even with the level of the roundhouse. The semicircular retaining wall, built of steel reinforced concrete, measures 95 feet long; 5 feet, 3 inches tall; and 18 inches thick.

Feature 1: This is a roughly square concrete foundation/pad, adjacent south of the roundhouse foundations, and flush with the ground surface, measuring 22 feet east west by 18 feet north south. This building is labeled as “Shop” on the 1928 Sanborn map. Asphalt extends west from the west edge of this foundation for about 10 feet.

Feature 2: This is a square concrete foundation/pad measuring 7 feet by 7 feet. The foundation is raised approximately 6 inches relative to the surrounding ground surface. Asphalt extends east and west of this foundation.

Feature 3: This is an octagonal concrete foundation/pad measuring 28 feet across, with sides that are 11 feet long. The foundation is raised a few inches off the ground on the north side and flush with the ground elsewhere. Piles of broken concrete and asphalt obscure the west side of this feature. Asphalt connects the south edge of this foundation to the north edge of Feature 7. According to the 1928 Sanborn map, this foundation supported a tank, perhaps for storage of water or oil.

Feature 4: This is a rectangular concrete foundation measuring 34 feet, 2 inches north south by 16 feet, 9 inches east west. The foundation has a raised sill around all sides except the north, which was likely the front/opening of the building. The main sill is 6 inches tall and 6 inches wide. The south side has a smaller, 3-inch-tall by 4-inch-wide sill on top of the main sill. The floor of the building is flush with the surrounding ground surface. Asphalt connects to the west edge of this feature. This building is labeled as “Plumbing Shop” on the 1928 Sanborn map.

Feature 5: This is a hexagonal concrete foundation/pad measuring 11 feet across, with sides that are 6 feet, 4 inches long. The foundation is flush with the surrounding ground surface and asphalt extends around all sides. The function of Feature 5 is unknown.

Feature 6: This is a square concrete foundation/pad measuring 9 feet, 6 inches on a side. The foundation is raised a few inches off the ground and is partially covered in late historic asphalt. According to the 1928 Sanborn map, this foundation supported a treating tank.

Feature 7: This is a square concrete foundation/pad measuring 53 feet, 2 inches north south by 50 feet east west. A strip of concrete, sunk a few inches down, runs along the inside north side of the building. There is a sill with lag bolts and a 15-foot wood plank still attached at the northeast corner. The plank is 18 feet long by 8 inches wide by 3 inches thick. A very shallow sill was noted on the east and west sides of the building. The east half of the foundation is flush with the ground. The west half is raised 6 inches to 1 foot up. A small concrete ramp at the south edge of the building provided access into the building. This building is labeled “Powerhouse” on the 1928 Sanborn map.

Feature 8: This is a rectangular concrete foundation/pad measuring approximately 135 feet north south by 35 feet east west. The foundation is flush with the surrounding ground surface and several portions of it are obscured by a thin layer of dirt and gravel. This feature is labeled “Platform” on the 1928 Sanborn map.

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Figure 3.5-3. Historic Photograph of the Southern Pacific Roundhouse and Rail Yard



Source: San Luis Obispo Railroad Museum

Figure 3.5-4. Oblique Aerial Image of the Roundhouse Foundations as They Appeared in October 2021, Facing North



Figure 3.5-5. Overview of Roundhouse Foundations Facing South-Southeast



Figure 3.5-6. West Profile of Roundhouse Showing Cut-Stone Retaining Wall and Brick Section, Facing East



Feature 9: This bunker-like structure is square in plan. It measures 34 feet north south by 36 feet, 2 inches east west and is 7 feet tall on the west side and 4 feet tall on all other sides. The west wall of the structure has a metal door/opening that has been sealed shut. The east wall has four 5-inch diameter connections for fire or sewer lines. The top edge of the structure has metal bracing all around. A set of stairs on the south side of the building leads to the top of the structure. The top southwest corner has a row of five small standpipes measuring 2 inches in diameter by 7 inches tall. The age and function of this building are unknown; it is not clear if this building is associated with the original rail yard since it appears newer and may be a more recent addition. The Railroad District Plan mentions a bunker-like structure south of the roundhouse and suggests it may date to the early 1920s and mentions it may have served as the powerhouse. According to the 1928 Sanborn map, this bunker-like structure is not the powerhouse. A building on the Sanborn map in the vicinity of this structure is labeled “Brick Shed;” however, it is not clear these are the same thing.

Feature 10: This is a rectangular concrete foundation/pad, located directly south of Feature 8 and east of Feature 9, measuring 17.5 feet north south by 12.0 feet east west. The foundation is flush with the surrounding ground surface and a few lag bolts were noted at the northwest and southwest corners. The function of Feature 10 is unknown.

Feature 11: This concrete foundation/pad measures approximately 28 feet north south by 4 feet east west and is flush with the surrounding ground surface. Accurate dimensions could not be obtained due to the fact that this foundation is mostly dirt covered. The function of Feature 11 is unknown.

Feature 12: This is a rectangular concrete foundation/pad measuring approximately 23 feet north south by 9 feet east west. The foundation is flush with the ground surface. It contains many cracks and is in poor shape. The function of Feature 12 is unknown.

Feature 13: This is a rectangular concrete foundation/pad measuring approximately 23 feet north south by 13 feet east west. The foundation is flush with the ground surface. There is a building on the Sanborn map, in the vicinity of this structure, labeled “Foreman’s Office;” however, it is not clear these are the same thing.

Feature 14: This feature consists of a 40-foot-long (north south) stretch of partially buried train tracks. Only the tops of the rails are visible, as well as a strip of concrete along the west edge. Total feature width is 8 feet, and the concrete strip is 2 feet wide. Based on the Sanborn maps, this may be a remnant section of the repair in place track.

Feature 15: This is a small rectangular concrete foundation/pad or footing measuring 12 feet north south by 6 feet east west by 6 inches tall. A 1-inch diameter, 2-inch tall pipe with wiring was noted at the southwest corner. The function of Feature 15 is unknown.

Feature 16: This is a narrow rectangular footing like feature. The central portion measures 11 feet north south by 2 feet, 9 inches east west. The north and south ends have an additional 3 feet, 6 inches north south by 1 foot, 10 inches east west by 1-foot tall pyramid sided footing with cut off rail pieces sticking a few inches out of the top of the footing. The function of Feature 16 is unknown.

Figure 3.5-2. Archaeological Site Map for the Southern Pacific Roundhouse and Rail Yard Site



Source: Appendix E of this EIR

Resource Eligibility

The previously recorded and evaluated roundhouse/turntable site was expanded as a result of fieldwork undertaken for the present cultural resources study for the proposed project to incorporate 16 additional features (all of which are concrete foundations/pads). Although the roundhouse was only a foundation when it was evaluated and not a standing structure, the resource was determined eligible for inclusion in the NRHP under Criteria A and C as a contributing element of the railroad historic district at the local level of significance. Likewise, the turntable, even after being dismantled, was determined to convey the historic character of the old rail yard. Although physical integrity was largely lacking from these two structures, the resources were determined with SHPO concurrence to nevertheless retained elements that lend historic integrity to the district.

The 16 concrete foundation features that were added to the Southern Pacific Roundhouse and Rail Yard Site indicate the size, shape, and (occasionally) entrance location of the structure they supported. Some are positively matched with named structures on historic maps (e.g., the powerhouse). Furthermore, and perhaps more importantly, their collective spatial arrangement conveys evidence of the functional association of these structures with the roundhouse/turntable and of the former layout of the entire historic Southern Pacific Rail Yard.

The expanded Southern Pacific Roundhouse and Rail Yard Site retains a sufficient degree of integrity of location, design, materials, workmanship, feeling, and association to convey its significance under CRHR Criterion 1 for its association with broad patterns of rail development in the Central Coast and CRHR Criterion 3 for embodying the distinctive characteristics of an early twentieth century steam locomotive rail yard. Furthermore, the expanded Southern Pacific Roundhouse and Rail Yard Site continues to contribute to the eligibility of both railroad historic districts (NRHP Historic District and local district) because, as assessed by Caltrans' prior evaluation, it represents the "vestiges of a once large and vibrant railroad yard that reflect the importance of the railroad in San Luis Obispo County's growth and development as well as the strategic location of San Luis Obispo County to the Southern Pacific's Coast Line operation" (Pavlik 1994).

Railroad Loading Dock

Just south of the historic Southern Pacific Freight Warehouse is a ramped loading platform, measuring approximately 10 feet by 45 feet, which was one of several long loading platforms near the warehouse used for freight operations. According to the Railroad District Plan (City of San Luis Obispo 1998), its construction date is unknown but probably dates to the 1940s. This and the platform along the track side of the warehouse are all that remain of once extensive freight loading facilities.

Field Survey Results and Resource Eligibility

The field visit and archival research determined the loading dock was not of historic age. It does not appear on the 1981 historic aerial photograph. Also, two instances of initials with a date, both 1982, were noted on the top of the loading dock and were written into the concrete when it was still wet, suggesting the feature was built in 1982. Therefore, additional recording of this feature was not conducted because it is not of historic age.

Railroad Outbuilding Foundations

Located just south of the roundhouse site are two concrete foundations that are the remains of previous railroad buildings. According to the Railroad District Plan (City of San Luis Obispo 1998), both probably date from the early 1920s and were associated with the roundhouse and turntable. One,

a bunker-like structure, may have served as the powerhouse for the turntable operation. The other foundation was likely one of the many shop buildings located in the railroad yard. The buildings which once stood on these foundations were retired by the railroad and removed in 1982.

The roundhouse and turntable foundations and railroad outbuilding foundations, due to their spatial and functional association, were combined into the Southern Pacific Roundhouse and Rail Yard Site (see Southern Pacific Roundhouse and Rail Yard Site above).

Newly Recorded Resources

Southern Pacific Railroad San Francisco Los Angeles Line Segment (P-40-041327)

One new resource was identified and recorded during the field survey: a segment of the Southern Pacific Railroad San Francisco-Los Angeles Line Segment immediately adjacent to the current project site (Figure 3.5-7 ~~Figure 3.5-3~~).

Previous Records

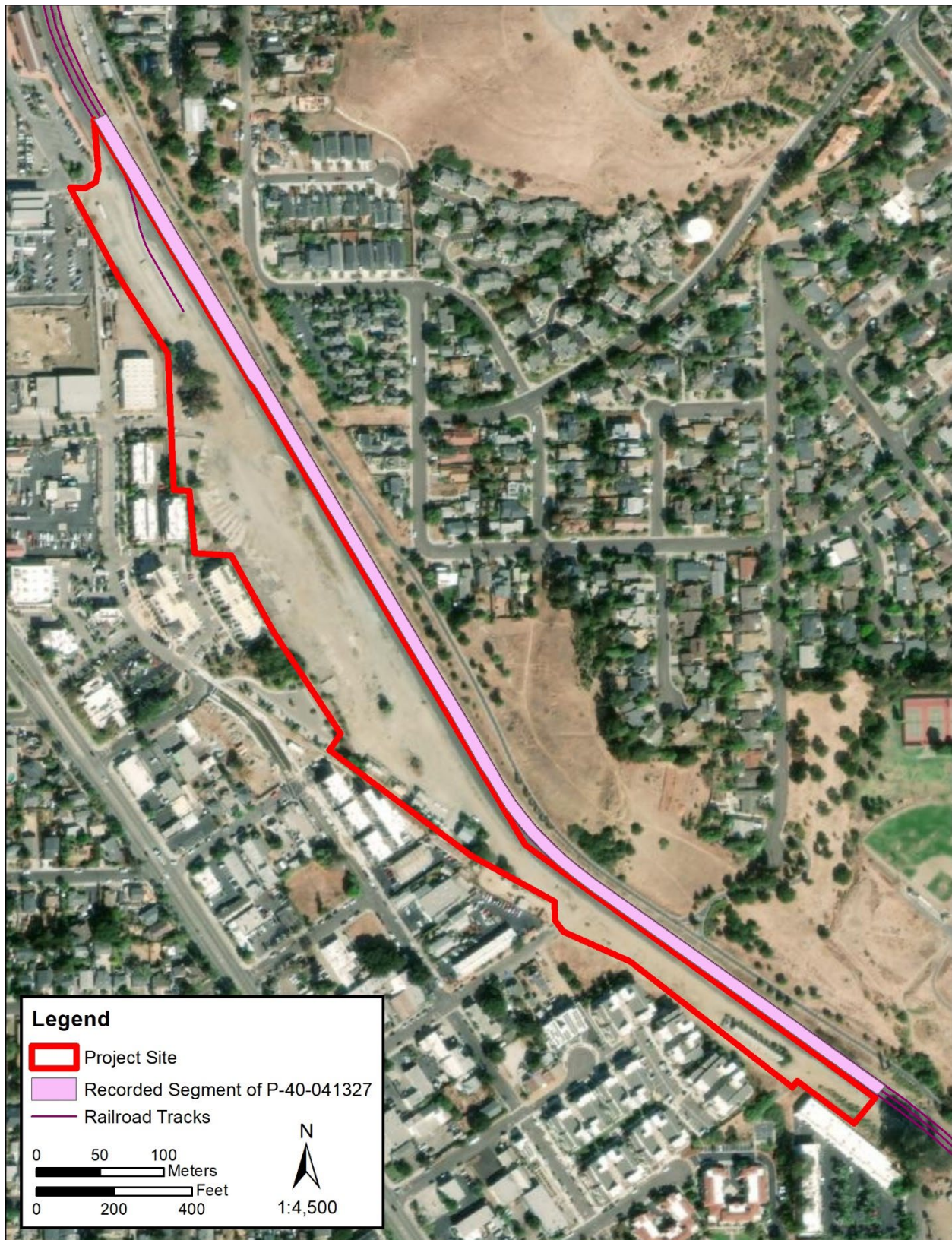
Other segments of this resource have been recorded elsewhere in San Luis Obispo County under the Primary Number P-40-041327. The newly recorded segment is therefore an update recorded under that same resource primary number.

Field Survey Results

The resource consists of a 0.62-mile-long segment of the Southern Pacific San Francisco-Los Angeles Line (Central Coast Line) located within the City of San Luis Obispo Local Railroad Historic District. The track is constructed to standard gauge: 5 feet, 2 inches from rail to rail. The track consists of steel rails and wood timber ties and is surrounded on all sides by stone ballast. New DPR 523 series forms were prepared for this site.

The surveyed segment of rail line was initially completed in 1894. An 1897 topographic map indicates that the Southern Pacific rail line has not moved from its current location since that time. Though only one set of tracks was initially completed in 1894, the 1897 map indicates that, by that year, the section of the rail line surveyed consisted of three tracks (two main tracks and a siding track) to allow for train switching at this location. The 1897 map also indicated the presence of two minor spur lines. In 1963, all three lines remained, as well as the spur lines. Between 1963 and 1981, one of the spur lines that had led to the turntable area was removed, and by 1994 only a small section of one spur line was extant. Thus, within the section of the Southern Pacific line surveyed, the rail line continues to run two main tracks and a siding track and features a small section of remaining spur line.

Figure 3.5-3. Recorded Segment of Southern Pacific Railroad San Francisco Los Angeles Line (P-40-041327)



Rails and rail ties are commonly replaced on rail lines that retain their original use and are generally indicated by dates stamps located on the rails. Alterations to ties are more difficult to discern as the ties lack date stamps and are largely obscured by the ballast encasing them. Dates stamps located on the spur line steel rails show it was likely replaced circa 1949. Date stamps located along the three main tracks show rails were replaced circa 1948, circa 1949, circa 1956, circa 1957, circa 1972, circa 1989, circa 1991, and circa 2008. Though rails have been replaced over time, replacements have been made in kind with steel of very similar dimensions, steel spikes, and square wood ties. As the size of the rail gauge is an important factor in maintaining smooth transportation of materials nationwide, the gauge has not been altered and the rail line segment surveyed appears similar to its original construction. The only substantial alteration that has occurred includes the removal of one entire spur line, and removal of the majority of a second spur line, which is now physically disconnected from the Southern Pacific roundhouse and turntable area that it once served.

Resource Eligibility

The segment of P-40-041327 within the project site was evaluated as part of this study and is recommended eligible for listing in the CRHR. In accordance with Section 15064.5(a)(2) (3) of the CEQA Guidelines, using the criteria outlined in Section 5024.1 of the California PRC, it is a historical resource for purposes of CEQA.

The Southern Pacific rail line was the first transcontinental connection to San Luis Obispo. It substantially impacted regional development, and economic growth by facilitating regional trade and passenger service (see historical background in Section 3.5.1) and remains within its original location with similar appearance since construction. Thus, the segment of rail line surveyed has had a significant impact on local and regional economic and industrial development by bringing wealth and commerce to the San Luis Obispo region and retains sufficient integrity to convey its significance in association with broad patterns of local and statewide history. Therefore, it is recommended eligible for listing in the CRHR under Criterion 1.

Under Criterion 2, the evaluated segment of rail line does not appear to have any significant association with the lives of specific persons important in local, California, or national history. Though the Southern Pacific rail network has been associated with numerous significant individuals over the life of its establishment and construction, none of those specific individuals appear significantly associated with the evaluated segment of the Southern Pacific rail network. Therefore, the segment of rail line surveyed is not recommended as eligible under Criterion 2 of the CRHR due to a lack of significance.

Under Criterion 3, the evaluated segment of rail line is considered a typical segment of transcontinental rail, featuring common materials, dimensions, and alterations. The segment of rail line evaluated features no extant distinctive elements; lacks distinctive characteristics of a type, period, region, or method or construction; and does not represent the work of a master or possess high artistic values. Therefore, the segment of rail line surveyed is recommended not eligible under Criterion 3 of the CRHR due to a lack of architectural or engineering significance.

Under Criterion 4, the current recording of the resource as a built environment resource encapsulates the likely information potential for the resource, and it is unlikely that further survey would reveal additional potential for information important to history. Therefore, the segment of rail line surveyed is recommended not eligible under Criterion 4 of the CRHR.

As only a small segment of the rail line was surveyed for this reporting, the segment is recommended to remain unevaluated as a potential contributor to a greater railroad historic district, as such, an evaluation would require a comprehensive survey and analysis of the greater Southern Pacific line.

The level of significance under Criterion 1 is recommended as local and county wide; the area of significance is recommended as transportation, economic development, and industry; and the period of significance is recommended as 1894–97, to capture the construction of both main tracks and the siding track.

The character defining features of the rail line include: the location of the two main tracks and one siding track; the steel rails; wood timber ties; steel rail spikes; rail gauge (5 feet, 2 inches); and the use of stone ballast located on either side of the tracks.

The one remnant of a spur line located within the surveyed rail line segment is recommended as noncontributing and noncharacter defining, as it was disconnected from the area it once served (the roundhouse and turntable area) over 20 years ago and no longer serves its historic purpose. The short spur has been substantially altered as the majority of the structure has been removed, and thus, it has lost integrity of location, design, materials, workmanship, feeling, and association and retains only integrity of setting as the adjacent rail line remains extant.

Summary of Historical Resources

Historical resources significant under CEQA include those designated or eligible for designation in the NRHP, the CRHR or other state program, or a local register of historical resources. Historical resources may also include resources listed in the State Historic Resources Inventory as significant at the local level or higher, and resources evaluated as potentially significant in a survey or other professional evaluation.

Based on the results of the records search, archival research, and survey, four resources were identified within the project site: two historic districts, one historic archaeological site, and one historic built environment resource. Based on previous and current evaluations of these resources, all four were found to meet the criteria for listing in the CRHR.

The following four resources are considered historical resources for the purposes of CEQA environmental review:

- San Luis Obispo Southern Pacific Railroad NRHP Historic District
- City of San Luis Obispo Local Railroad Historic District
- Southern Pacific Roundhouse and Rail Yard Site
- Southern Pacific Railroad San Francisco Los Angeles Line Segment (P-40-041327)

3.5.2 Regulatory Setting

Federal

There is no federal nexus; the LOSSAN Rail Corridor Agency is a state agency and therefore the project is subject only to compliance with CEQA. The National Register of Historic Places criteria are discussed below because they are relevant to the eligibility evaluation of cultural resources.

National Register of Historic Places

The NRHP was established by the National Historic Preservation Act (NHPA) of 1966 to help identify and protect properties that are significant cultural resources at the national, state, and/or local levels. Four criteria have been established to determine if a resource is significant to American history, architecture, archaeology, engineering, or culture and should be listed in the NRHP. These criteria include:

1. It is associated with events that have made a significant contribution to the broad patterns of our history;
2. It is associated with the lives of persons significant in our past;
3. It embodies the distinctive characteristics of a type, period, or method of construction or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; and
4. It yields, or may be likely to yield, information important in prehistory or history.

Districts, sites, buildings, structures, and objects of potential significance that are at least 50 years in age must meet one or more of the above criteria to be eligible for listing in the NRHP.

State

California Environmental Quality Act

CEQA statutes are encoded in PRC Section 21000 et seq., with guidelines for implementation codified in the CCR, Title 14, Division 6, Chapter 3. Pursuant to CEQA, it is necessary for the lead agency to determine whether a proposed project may have a significant effect on the environment (PRC Section 21082.2[a]). CEQA associates a significant effect on the environment with a substantial adverse change in the significance of a historical resource (PRC Section 21084.1).

For the purposes of CEQA review, a historical resource is defined as follows (14 CCR 15064.5[a]):

1. A resource listed in, or determined eligible by the State Historical Resources Commission for listing in, the California Register of Historical Resources (CRHR)
2. A resource included in a local register of historical resources
3. A resource identified as significant in a historical resource survey meeting the requirements specified in PRC 5024.1(g)
4. Any resource that the lead agency determines to be historically significant

Generally, a lead agency shall consider a resource to be historically significant if the resource retains sufficient integrity and meets the criteria for listing in the CRHR (PRC Section 5024.1). These include the following criteria (14 CCR Section 4852[b]):

1. It is associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States.
2. It is associated with the lives of persons important to local, California, or national history.
3. It embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master or possesses high artistic values.

4. It has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

Determining the integrity of a resource involves evaluating the authenticity of that resource's physical identity: the survival of characteristics that were present during the resource's period of significance. In order to be listed on the CRHR, resources must "retain enough of their historic character or appearance to be recognizable as historical resources and to convey the reasons for their significance" (14 CCR Section 4852[c]). Integrity is evaluated with regard to the retention of location, design setting, materials, workmanship, feeling, and association.

Any historical resource in California that is listed or determined eligible for listing on the NRHP is included in the CRHR (PRC Section 5024.1[d][1]). Under CRHR regulations, "it is possible that historical resources may not retain sufficient integrity to meet the criteria for listing in the NRHP, but they may still be eligible for listing in the California Register" (14 CCR Section 4852[c]). The CRHR also includes properties that are:

- Registered State Historical Landmarks (numbered 770 and above);
- Points of Historical Interest that have been reviewed and recommended to the State Historical Resources Commission for listing; or
- City and county designated landmarks or districts, if the criteria for designation are determined by the Office of Historic Preservation to be consistent with CRHR criteria.

A substantial adverse change in the significance of a historical resource includes "physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired" (14 CCR Section 15064.5[b]). If the proposed project has the potential to cause a substantial adverse change in the significance of a historic resource, the lead agency would identify potentially feasible measures to mitigate such change.

CEQA also applies to effects on archaeological sites that do not meet the criteria for historical resources but do meet the definition of a unique archeological resource (PRC Section 21083.2[g]). A unique archaeological resource is an archaeological artifact, object, or site where it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:

1. Contains information needed to answer important scientific research questions and there is a demonstrable public interest in that information
2. Has a special and particular quality, such as being the oldest of its type or the best available example of its type
3. Is directly associated with a scientifically recognized important prehistoric or historic event or person

If an archaeological resource is neither a historical resource nor a unique archaeological resource, the project's effects on the resource would not be considered significant under CEQA (14 CCR Section 15064.5[c][4]).

Confidentiality of Information on Archaeological Sites and Native American Places in California

Sections 6253, 6254, and 6254.10 of the California Government Code (GC) authorize state agencies to exclude information on archaeological sites from public disclosure under the Public Records Act. In addition, the California Public Records Act (GC Section 6250 et seq.) and California's open meeting laws (The Brown Act; GC Section 54950 et seq.) protect the confidentiality of information on Native American cultural places.

The California Public Records Act, as amended in 2005, contains two exemptions that aid in the protection of records relating to Native American cultural places and archaeological resources by allowing any state or local agency to deny a California Public Records Act request and withhold from public disclosure. The two exemptions are as follows:

- Records of Native American graves, cemeteries, and sacred places and records of Native American places, features, and objects described in Sections 5097.9 and 5097.993 of the PRC maintained by, or in the possession of, the Native American Heritage Commission (NAHC), another state agency, or a local agency (GC Section 6254[r]).
- Records that relate to archaeological site information and reports maintained by, or in the possession of, the DPR, the State Historical Resources Commission, the State Lands Commission, another state agency, or a local agency, including the records that the agency obtains through a consultation process between a California Native American tribe and a state or local agency (GC Section 6254.10).

Additionally, the CHRIS maintained by the Office of Historic Preservation prohibits public dissemination of records and information about site locations. In compliance with these requirements, and those contained in the codes of ethics of the Society for American Archaeology, Society for California Archaeology, and Register of Professional Archaeologists, information about the location and nature of cultural resources is considered confidential information with highly restricted distribution and is not publicly accessible.

Treatment of Human Remains

Any project in California located on land that is not federally owned is required to comply with state laws pertaining to the inadvertent discovery of Native American human remains. California Health and Safety Code Sections 7050.5, 7051, and 7054 address the interference with human burial remains as well as the disposition of Native American burials in archaeological sites. The law protects such remains from disturbance, vandalism, or inadvertent destruction, and establishes procedures to be implemented if Native American skeletal remains are discovered during construction of a project, including the treatment of remains prior to, during, and after evaluation, and reburial procedures.

The guidelines for implementation of CEQA contain additional provisions regarding human remains (CCR 15064.5[d e]). When an initial study identifies the existence or the probable likelihood of Native American human remains within the project area, a lead agency would work with the appropriate Native Americans as identified by the NAHC, as provided in PRC Section 5097.98. The applicant may develop an agreement for treating or disposing of, with appropriate dignity, the human remains, and any items associated with Native American burials with the appropriate Native Americans as identified by the NAHC. Action implementing such an agreement is exempt from:

1. The general prohibition on disinterring, disturbing, or removing human remains from any location other than a dedicated cemetery (Health and Safety Code Section 7050.5); and

2. The requirements of CEQA.

Local

Pursuant to Government Code Section 14070.7, the LOSSAN Rail Corridor Agency is deemed to be an agency of the state for all purposes related to interagency passenger rail services, including Section 5311 of Title 49 of the United States Code. Thus, the LOSSAN Rail Corridor Agency is a state agency and is therefore not subject to local government planning and land use plans, policies, or regulations. The LOSSAN Rail Corridor Agency may consider, for informational purposes, aspects of local plans and policies for the communities surrounding the project site, when it is appropriate. The proposed project would be subject to state agency planning documents described herein but would not be bound by local planning regulations or documents such as the City's General Plan or municipal code.

The City of San Luis Obispo has an active historic preservation program, and historic preservation measures have been included in city policy and municipal code. The city council has adopted a number of ordinances and guidelines to help protect historic resources and ensure such resources continue to enhance the lives of future generations of the residents of San Luis Obispo. These ordinances and guidelines are outlined in the below.

Historic Preservation Ordinance

The Historic Preservation Ordinance (City of San Luis Obispo Municipal Code Chapter 14.01) was adopted in December 2010 with the purpose of promoting "public health, safety and welfare through the identification, protection, enhancement and preservation of those properties, structures, sites, artifacts and other cultural resources that represent distinctive elements of San Luis Obispo's cultural, educational, social, economic, political and architectural history." Specifically, the ordinance sets forth regulations and procedures to:

1. Identify, protect, preserve, and promote the continuing use and upkeep of San Luis Obispo's historic structures, sites, and districts.
2. Foster the retention and restoration of historic buildings and other cultural resources that promote tourism, economic vitality, sense of place, and diversity.
3. Encourage private stewardship of historic buildings and other cultural resources through incentives where possible.
4. Implement the historic preservation goals and policies of the Conservation and Open Space Element of the General Plan.
5. Promote the conservation of valuable material and embodied energy in historic structures through their continued use, restoration and repair, and ongoing maintenance of historic resources.
6. Promote the knowledge, understanding, and appreciation of the city's distinctive character, cultural resources, and history.
7. Establish the procedures and significance criteria to be applied when evaluating development project effects on historic resources.
8. Fulfill the city's responsibilities as a certified local government under state and federal regulations and for federal Section 106 reviews.

9. Establish the policy of the city to pursue all reasonable alternatives to achieve compliance with the ordinance for the protection of historic resources prior to initiating penalty proceedings as set forth in Section 14.01.140 of this ordinance.

The Historic Preservation Ordinance established the CHC, a seven-member group appointed by the city council responsible for researching, identifying, and protecting historic buildings, archaeological sites, and cultural features. Chapter 14.01.030 of the ordinance outlines CHC duties and actions subject to CHC review, e.g., new construction, additions, or alterations located in historic districts or on historically listed properties or sensitive archaeological sites.

Ordinance Chapter 14.01.040 identifies the city's master list of historic resources, which contains the most unique and important resources, and the contributing list of historic resources, which contains buildings or other resources that contribute to the unique or historic character of a neighborhood, district, or the city as a whole.

The ordinance outlines criteria (generally mirroring the CRHR criteria) for placing a resource on the master or contributing list. Resources should be at least 50 years old, exhibit a high level of historic integrity, and satisfy additional criteria such as associations with a notable architect, architectural design or style, historic person, historic event, or physical integrity (Ordinance Chapter 14.01.070).

One final notable aspect of the Historic Preservation Ordinance, relevant to the current project, is the rules for demolition of historic resources (Chapter 14.01.100). Section 14.01.100 D states that "the decision making body shall approve an application for demolition of a structure listed in the Inventory of Historic Resources only if it determines that the proposed demolition is consistent with the General Plan and: (1) The historic resource is a hazard to public health or safety, and repair or stabilization is not structurally feasible, or (2) Denial of the application will constitute an economic hardship as described under findings 1-3 of Section J" (City of San Luis Obispo 2010). Additionally, Section 14.01.100 F states that "before the issuance of a demolition permit for structures listed in the Inventory of Historic Resources, the resource and its site shall be documented as specified in City standards, to the satisfaction of the CHC and the Director".

It should be noted that the proposed project, while located within the jurisdiction boundaries of the City of San Luis Obispo, is not directly subject to the requirements of the Historic Preservation Ordinance. The LOSSAN Rail Corridor Agency is a state agency and is therefore not subject to local government planning and land use plans, policies, or regulations. The project site is located within railroad ROW and the project proponent (LOSSAN Rail Corridor Agency) would not be required to obtain a demolition permit from the city for any demolition or alteration to the roundhouse site.

Historic Preservation Program Guidelines

These guidelines, last updated in 2010, were developed by the CHC to promote an understanding and appreciation of the history of San Luis Obispo, stimulate preservation, and provide design guidance for new development "by working with property owners, developers, neighborhood and civic groups and citizens, the community intends to preserve the most important historic and architecturally significant buildings and sites".

The guidelines include procedures for the treatment of historic resources, e.g., construction in historic districts and on properties with historic resources (see Guidelines Section 3.1.4 Environmental Review). They outline the city's cultural resource preservation and incentive programs, provide descriptions of the city's historic districts, and contain the master and contributing lists of historic resources.

Updated versions of the master list and contributing list are available on the city's website. Master list properties are displayed in an interactive map maintained by the city's Geographic Information Systems Department.

Archaeological Resource Preservation Program Guidelines

These guidelines were adopted by Council Resolution Number 10120 (2009 Series) in October 2009 and establish procedures to be used for the protection of sub surface cultural resources, including both historic and prehistoric features. The guidelines were developed by the CHC and are based upon and implement policies in the General Plan Land Use Element and Conservation and Open Space Element and are part of the city's environmental review process. The guidelines implement, and are consistent with, CEQA requirements and consider the CEQA thresholds of significance listed in Appendix G of the CEQA guidelines. Finally, they outline the different phases of archaeological investigation (e.g., resource inventory, subsurface resource evaluation) and discuss methods to mitigate impacts on archaeological resources.

City of San Luis Obispo General Plan

Conservation and Open Space Element

The General Plan Conservation and Open Space Element was initially adopted by Council Resolution Number 9785 (2006 Series) and subsequently revised by Council Resolution Number 10586 (2014 Series). It establishes citywide policies and programs regarding identification and treatment of historic and architectural resources as well as archaeological resources, including the following:

Policy 3.3.1 Historic Preservation. Significant historic and architectural resources should be identified, preserved, and rehabilitated.

Policy 3.3.5 Historic Districts and Neighborhoods. In evaluating new public or private development, the City shall identify and protect neighborhoods or districts having historical character due to the collective effect of Contributing or Master List historic properties.

Policy 3.5.1 Archaeological Resource Protection. The City shall provide for the protection of both known and potential archaeological resources. To avoid significant damage to important archaeological sites, all available measures, including purchase of the property in fee or easement, shall be explored at the time of a development proposal. Where such measures are not feasible and development would adversely affect identified archaeological or paleontological resources, mitigation shall be required pursuant to the Archaeological Resource Preservation Program Guidelines.

Community Design Guidelines

These guidelines were adopted by Council Resolution Number 9391 (2002 Series) and updated in 2004, 2007, and 2010. They establish site and architectural design standards for development projects, including projects involving historic resources and historic districts, and demolitions.

Railroad District Plan

The Railroad District Plan is an area plan adopted by the city in 1998 to:

1. Implement the city's General Plan with a detailed focus on the Railroad District;
2. Develop a community consensus on an overall vision for the railroad area;
3. Coordinate public and private investment in the area to realize the vision; and

4. Preserve the district's historic character with architectural standards which guide new development.

Particularly relevant to the current study, District Plan Action Number 14 (Section 2 [1.0]) calls for a "Historic Railroad Yard Walk of History," including installation of historic markers and an improved walking path describing the roundhouse, turntable, and other important railroad features (Appendix E of this EIR). Section 2 (2.1) calls for the establishment of a new railroad historic district that reflects the full extent of the historic railroad yard and remaining historic resources. It also stipulates that the CHC inventory historic features within the district and add them to the master list of historic resources, where appropriate. Finally, Section 2 (2.3) calls for the integration of historic features – such as the roundhouse and turntable – into new development (City of San Luis Obispo 1998, Figure 20: Adaptive Reuse Concept for the Roundhouse Site).

3.5.3 Project Impacts

Thresholds of Significance

As defined in Appendix G of the CEQA Guidelines, project impacts on cultural resources would be considered significant if the project was determined to:

- Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5
- Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5
- Disturb any human remains, including those interred outside of dedicated cemeteries

Impact Analysis

Impact 3.5-1 Historical Resources

Would the proposed project cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5 of the CEQA Guidelines?

As stated above in Section 3.5.1, four historical resources were identified within the project site as a result of the records search, archival research, and field survey: the San Luis Obispo Southern Pacific Railroad NRHP Historic District (NRHP Historic District), the City of San Luis Obispo Local Railroad Historic District, the Southern Pacific Roundhouse and Rail Yard Site, and the Southern Pacific Railroad San Francisco Los Angeles Line Segment (P-40-041327). The proposed project, which includes the construction of new storage tracks, a rail car wash, several operations and maintenance buildings, and parking areas, has the potential to result in significant adverse impacts to identified historical resources, as follows:

San Luis Obispo Southern Pacific Railroad NRHP Historic District

The NRHP Historic District was determined eligible for listing in the NRHP under Criteria A and C with SHPO concurrence. It is therefore eligible for listing in the CRHR under Criteria 1 and 3. The proposed project includes new storage tracks, a rail car wash, several operations and maintenance buildings, and parking areas, the construction of which would physically demolish or destroy the Southern Pacific Roundhouse and Rail Yard Site, a contributing element of the district. As such, impacts to the district

would be potentially significant. As noted earlier, only a remnant of the original turntable foundation exists on the project site today, and is in damaged condition, likely associated with previous roundhouse demolition. The turntable pit has been completely filled in, but the outline is still visible on the surface. All that remains of the original roundhouse is the degraded concrete foundations and a portion of the housing for the turntable. (See Figure 3.5-4.)

The proposed project will implement Mitigation Measure CUL-1, which requires archival documentation of the district and educational installations displaying historical photographs, maps, and narrative text documenting the history of the Southern Pacific Rail Yard. In addition, a more conservative approach to the impact determination has been made to consider the Southern Pacific Roundhouse and Rail Yard Site as a contributing element to the San Luis Obispo Southern Pacific Railroad NRHP Historic District. Therefore, the project's impact to the San Luis Obispo Southern Pacific Railroad NRHP Historic District will not be reduced to less than significant with the implementation of Mitigation Measure CUL-1. Therefore, this impact would be significant and unavoidable.

~~However, implementation of Mitigation Measure CUL-1, which requires archival documentation of the district and educational installations displaying historical photographs, maps, and narrative text demonstrating the history of the rail yard, would reduce potentially significant impacts to a level less than significant.~~

City of San Luis Obispo Local Railroad Historic District

This district is a local, city designated historical resource. Since the City of San Luis Obispo Local Railroad Historic District is included in a local register of historical resources, it qualifies as a historical resource under CEQA. As with the San Luis Obispo Southern Pacific Railroad NRHP Historic District above, project construction would physically demolish or destroy the Southern Pacific Roundhouse and Rail Yard Site, a contributing element of the district. As such, impacts would be potentially significant. The proposed project will implement Mitigation Measure CUL-1, which requires archival documentation of the district and educational installations displaying historical photographs, maps, and narrative text documenting the history of the rail yard. Since the Southern Pacific Roundhouse and Rail Yard site is considered a contributing element to the City of San Luis Obispo Local Railroad Historic District, the project's impact to this district will be significant. The project's impact will not be reduced to less than significant with the implementation of Mitigation Measure CUL-1. This impact would be significant and unavoidable.

~~However, implementation of Mitigation Measure CUL-1, which requires archival documentation of the district and educational installations displaying historical photographs, maps, and narrative text demonstrating the history of the rail yard, would reduce potentially significant impacts to a level less than significant.~~

Southern Pacific Roundhouse and Rail Yard Site

This historic archaeological site represents the remnant features of the historic Southern Pacific rail yard in San Luis Obispo. Two of its components (the roundhouse and turntable foundations) were determined eligible for the NRHP under Criteria A and C as a contributing element of the railroad historic district at the local level of significance. Due to its NRHP eligible status, this site is automatically listed in the CRHR and is eligible under CRHR. As previously discussed, the previously recorded and evaluated roundhouse/turntable site was expanded as a result of fieldwork undertaken for the ~~present~~ cultural resources study for the proposed project to incorporate 16 additional features (all of which are

concrete foundations/pads) (Figure 3.5-2). The 16 additional features are also recommended eligible for the CRHR.

The project proposes the construction of a new rail yard, storage tracks, operations and maintenance buildings, parking areas, landscape improvements, and safety and security features. Implementation of the project will involve site grading and would include the removal of the remnant isolated concrete foundations shown in Figure 3.5-2, with the exception of a portion of the roundhouse foundation, in order to properly stabilize the site soils to accommodate the proposed project. The LOSSAN Rail Corridor Agency has determined that retaining other surface slabs on the site is not feasible because: 1) the existing slabs set the grade of the site in areas that need to be regraded to achieve appropriate drainage and roadway slopes for the proposed project features; and 2) the existing slabs are cracked and displaced in many areas. If allowed to remain in place under the proposed paving (where the grades would allow), the differential stiffness of the ground versus the old foundations leads to cracking up through the new paving surface. It should also be noted that, where the preserved portion of the red rock sidewall foundation (Figure 3.5-6) exists in the Roundhouse Protection Zone (RPZ), no new buildings or roadways are proposed associated with the project. Because these foundations are scattered throughout the site, avoidance is not feasible. Maintaining these concrete foundations in place is not feasible as project components would be constructed over these features, which would jeopardize the integrity of the supporting soils.

As recommended in the Preliminary Geotechnical Design Report prepared for the project (see Appendix F of this EIR), "prior to construction, the site should be cleared of all existing improvements and debris within the footprint of the proposed improvements ... Cavities resulting from removal of the existing underground structures should be excavated to reach a firm and non-yielding subgrade before being properly backfilled and compacted. As judged by the project geotechnical engineer's representative onsite, all deleterious and organic materials exposed at the surface should be stripped and removed until a firm and nonyielding subgrade is reached. Deleterious material may include uncertified, compressible, collapsible, or expansive soils." ~~Much~~ The majority of proposed project of this construction would occur over the top of the existing historic foundations. According to the conceptual site plan (see Chapter 2, Project Description of this EIR), the south end of the roundhouse foundations, down to the powerhouse foundation, would be converted into a parking area. Other foundations south of this location would be covered by operations and maintenance buildings and a driveway. The depth of excavation for the project improvements are anticipated to range from approximately 2 feet for roads to 11 feet for the inspection pit. Based on the site preparation and grading requirements for project implementation, the foundations (i.e., Features 1 through 16) south of the roundhouse would need to be demolished/removed and the area graded. The turntable retaining wall and filled in pit would also be removed.

The proposed project would cause a substantial adverse change in the significance of portions of the historic archaeological site by "Demolishing or materially altering in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the CRHR" (Section 15064.5 (b)(2)(A) of the CEQA Guidelines).

Per Section 15126.4(b)(3) of the CEQA Guidelines, the CEQA lead agency should seek to avoid damaging effects on any historical resource of an archaeological nature to the greatest extent feasible. To meet this preferred manner of mitigating impacts to archaeological sites, the project has been designed to avoid the visible portions of the Roundhouse Foundations to the extent feasible, and the project plan includes a Roundhouse Protected Zone ~~RPZ~~ (Figure 3.5-8) ~~Figure 3.5-4~~) so that the program elements associated with the proposed project would be arranged to avoid a significant

impact on the roundhouse footing, preserving as much exposed surface for view as possible. The LOSSAN Rail Corridor Agency proposes to install a permanent transparent perimeter fence along the southwest edge of the roundhouse, where permanent bench seating and interpretive signage would be sited to create an informational node along the active transportation corridor. The ~~Roundhouse Protected Zone~~ RPZ is one form of mitigation which, when implemented, would help reduce impacts to historical resources ~~on the site to a level less than significant.~~

The proposed project would avoid impacts to the roundhouse foundation to the extent feasible and will preserve the visible portions of the roundhouse as incorporated into the RPZ of the project site plan. In addition to avoidance, an educational display and accommodating public viewing will be created at the roundhouse foundation location which will facilitate public viewing and an understanding of the historical railroad setting of the area (Mitigation Measure CUL-1). Avoidance to the extent feasible has been incorporated into the project site plan. During the site planning phase of the project, a field visit was conducted that included cultural resources professionals and project engineers to determine the limits of the roundhouse foundation, which formed the basis of engineering constraints to work within in development of the site plan and layout of various features of the project. Site features consist exclusively of concrete foundations; there are no standing buildings. Rather, the most notable/unique/important of these is the roundhouse foundation. A significant portion of the roundhouse foundation sidewall and concrete slab is being preserved in the RPZ to convey its significance. Because there is no way to avoid partially demolishing the roundhouse foundation sidewall and concrete slab, the most appropriate mitigation is documentation, interpretative signage, and the protection of a portion of the site that conveys its significance (the RPZ). Alternative sites to the proposed project are evaluated, which would avoid this impact (see EIR Section 7 Alternatives).

While the City is requesting more substantial preservation than just the area of the proposed RPZ, there are no other important features to be preserved. Aside from the remnants of the roundhouse foundation (and turntable wall), only concrete slabs with no particularly unique or distinguishing features remain on-site, although together, contribute to the historic Southern Pacific Roundhouse and Rail Yard site.

The cultural resources assessment (Appendix E of this EIR), as indicated in preceding text, characterizes the Southern Pacific Roundhouse and Rail Yard site as a historically significant resource. Even though the structures are demolished, foundations remain, which are contributing elements to Southern Pacific Roundhouse and Rail Yard and will be removed in order to implement the project. Because these features are spread out within the project site, and if left intact, would compromise soil stability for proposed structures, complete avoidance and/or otherwise preservation in place is not feasible.

Building on the plan for the ~~Roundhouse Protected Zone~~ RPZ, Mitigation Measure CUL-1 is proposed to document the entire site (not just the roundhouse) prior to its alteration and to educate the public about the historical significance of the Southern Pacific Rail Yard. Mitigation Measure CUL-1 would require additional historical research and preparation of an educational display with interpretive panels that document the history of rail yard operations.

Upon iAs proposed in the CCLF Master Plan, the RPZ ~~implementation of planned improvements include directing the proposed bike path in the vicinity of the visible portions of the roundhouse foundation to provide general public access to view the preserved portions of the Roundhouse foundation, a historical interpretive area, and fencing the Roundhouse Protected Zone~~ as well as and implementation of Mitigation Measure CUL-1, would reduce impacts on the Southern Pacific Roundhouse and Rail Yard site ~~would be reduced to a level less than significant to the extent feasible.~~

However, because impacts to the 16 additional features which are recommended as eligible for the CRHR (all of which are concrete foundations/pads) and are considered contributing features to the Southern Pacific Roundhouse and Rail Yard, and portions of the Roundhouse foundation are unavoidable, the impact to the Southern Pacific Rail Yard would be significant and unavoidable. No other feasible mitigation measures have been identified. Alternative sites to the proposed project are evaluated, which would avoid this impact (see EIR Section 7 Alternatives).

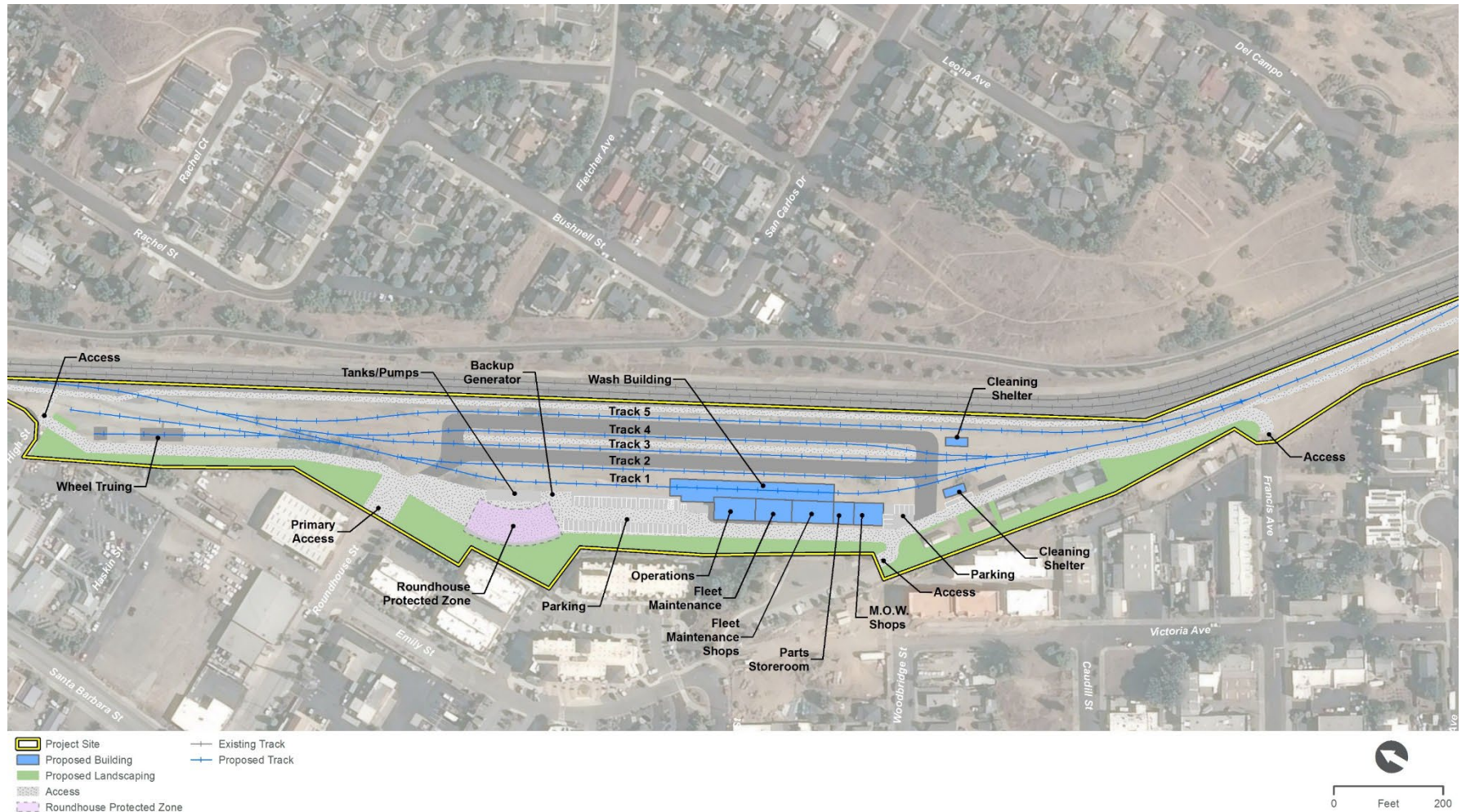
Southern Pacific Railroad San Francisco Los Angeles Line Segment (P-40-041327)

As proposed, the project would include the removal of one remnant of a spur line located within the surveyed rail line segment; however, that segment of short spur lacks sufficient integrity to contribute to the significance of the surveyed rail segment as a whole, and is thus a noncontributing and noncharacter defining feature of the rail line segment. Thus, its removal would not cause a substantial adverse change in the significance or CRHR eligibility of the resource, and no change in CRHR eligibility would occur as a result of the project.

As only a small segment of noncontributing spur line would be removed, there would be no physical demolition or destruction of the eligible linear resource, no relocation, and no conversion, rehabilitation, or alteration of the resource. The project, due to its proximity adjacent to the CRHR eligible resource, would have an impact on setting; however, the change in setting is not incongruent with the original use of the site as a railroad hub, and the rail line segment would remain in use without interruptions to functionality. The existing setting has been impacted by prior building demolitions and alterations within the railroad ROW, and setting is not a significant component or feature of this segment of surveyed rail line, which is defined by its location, materials, and overall alignment. Therefore, though there would be an impact on the setting of the resource due to the adjacent construction, the overall impact to integrity of setting would not impact the resource's historical significance or CRHR eligibility or cause any substantial adverse change in the significance of the historical resource. Given the above, impacts to the Southern Pacific Railroad San Francisco Los Angeles Line Segment would be less than significant.

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Figure 3.5-3.5-4. Roundhouse Protected Zone



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Impact 3.5-2 Archaeological Resources

Would the proposed project cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5 of the CEQA Guidelines?

One historic archaeological resource was identified within the project site as a result of the records search, archival research, and field survey. As discussed above, portions of the Southern Pacific Roundhouse and Rail Yard Site would be impacted by the project. The proposed project would avoid impacts to the roundhouse foundation to the extent feasible and will preserve the visible portions of the roundhouse as incorporated into the RPZ of the project site plan. In addition to avoidance, an educational display and accommodating public viewing will be created at the roundhouse foundation location which will facilitate public viewing and an understanding of the historical railroad setting of the area (Mitigation Measure CUL-1). However, because impacts to the 16 additional features which are recommended as eligible for the CRHR (all of which are concrete foundations/pads) and are considered contributing features to the Southern Pacific Roundhouse and Rail Yard, and portions of the Roundhouse foundation are unavoidable, the impact to the Southern Pacific Rail Yard would be significant and unavoidable. No other feasible mitigation measures have been identified. ~~However, implementation of the plan for the Roundhouse Protected Zone, in concert with Mitigation Measure CUL-1, would reduce impacts to a level less than significant.~~

Implementation of the project will involve grading and ground disturbance within the project footprint. While most of the foundations associated with rail yard buildings and features shown on the historic maps are extant and have been recorded in this report, additional foundations, or sections of track, or historic refuse deposits may exist below the surface and could be exposed by ground disturbing activities. However, the potential for previously unrecorded archaeological resources that are prehistoric in nature is considered low due to the extensive historic disturbance of the project site from construction of the railroad and rail yard. Furthermore, the project site is not within a burial sensitivity area according to the city's General Plan Conservation and Open Space Element (City of San Luis Obispo 2014d). Irrespective, it is possible that previously undiscovered prehistoric archaeological deposits are present and could be uncovered during deeper ground disturbing activities. This is a potentially significant impact. Implementation of Mitigation Measure CUL-2 would reduce any potentially significant impacts associated with the inadvertent discovery of archaeological resources, either historic or prehistoric in age, to a level less than significant.

Impact 3.5-3 Human Remains

Would the proposed project disturb any human remains, including those interred outside of dedicated cemeteries?

No prehistoric or historic burials were previously identified within the project site as a result of the records search. Although no surface evidence suggests that any historic burials are located in the project site, implementation of the project will involve grading and ground disturbance within the project footprint and could potentially encounter human remains in the project area. This represents a potentially significant impact. In the unlikely event that human remains are encountered during project excavation, the remains would require handling in accordance with PRC Section 5097.98, which states that all construction activities would be halted until consultation and treatment can occur as prescribed by law. With implementation of Mitigation Measure CUL-3, PRC Section 5097.98 would be enforced, and potential impacts associated with inadvertently disturbing human remains would be reduced to a level less than significant.

3.5.4 Mitigation Measures

Due to the identification of the Southern Pacific Roundhouse early in the planning process, the project design includes a ~~Roundhouse Protected Zone~~ RPZ and the Railroad District Plan's proposed "Historic Railroad Yard Walk of History." The ~~Roundhouse Protected Zone~~ RPZ would preserve a portion of the roundhouse foundation and facilitate public view of the historic site along the new segment of the Class I bike trail. The LOSSAN Rail Corridor Agency would install a permanent transparent perimeter fence along the southwest edge of the roundhouse, where permanent bench seating and interpretive signage will be sited to create an information node along the active transportation corridor. The "Historic Railroad Yard Walk of History" calls for the installation of historic markers and an improved walking path describing the roundhouse, turntable, and other important railroad features.

CUL-1 Public Outreach and Educational Display. Prior to grading activities, the LOSSAN Rail Corridor Agency will hire an individual meeting the Secretary of the Interior's Professional Qualification Standards to carry out archival research and interviews into the history of Southern Pacific Rail Yard and compilation of existing materials such as historic maps. The LOSSAN Rail Corridor Agency will design, fabricate, and install educational displays, based on archival documentation and archaeological data, that explore not only the roundhouse but other important rail yard features such as the powerhouse, plumbing shop, store house, repair tracks, etc. The educational displays will include interpretive panels with historical photographs, maps, and narrative text demonstrating the history of the rail yard, how it appeared in its heyday, and what remained of the site prior to construction of the project. The displays will be placed at the Roundhouse Protected Zone and other suitable locations along the proposed bike and pedestrian trail/walk of history that will run along the west side of the project site.

CUL-2 Construction Monitoring and Inadvertent Discovery of Archeological Resources. Full-time monitoring for archaeological deposits will be conducted in the project site during ground-disturbing construction activities occurring within undisturbed Holocene soils (i.e., cultural-bearing soils related to both prehistoric and historic activities). Monitoring of ground-disturbing activities in disturbed or pre-Holocene soils is not required. Monitoring will be carried out by a qualified archaeologist and Native American monitor from the Salinan Tribe of Monterey and San Luis Obispo Counties. Monitoring will be conducted in accordance with a Monitoring and Discovery Plan to be prepared for the project by an archaeologist meeting the Secretary of the Interior's Professional Qualification Standards. This qualified archaeologist will oversee the archaeological monitoring of the area.

The Monitoring and Discovery Plan will identify monitoring locations and protocols and include provisions for the accidental discovery of archaeological features or deposits during construction. These provisions shall include stop work protocols, notification procedures, and methodology for assessing the nature and significance of the find. If the feature or deposit is determined to be significant, the data recovery and analysis procedures outlined in the Monitoring and Discovery Plan shall be implemented.

CUL-3 Inadvertent Discovery of Human Remains. If any previously unrecorded human remains are inadvertently discovered during construction, all ground-disturbing activities in the vicinity of the discovery must cease immediately and a 50-foot-wide buffer will be established around it to secure it from further disturbance. California State law (Health and Safety Code Section 7050.5; PRC Sections 5097.94, 5097.98, and 5097.99) will be followed on state, county, and private land. This law specifies that work will stop

immediately in any areas where human remains or suspected human remains are encountered. The LOSSAN Rail Corridor Agency (lead agency) and the San Luis Obispo county coroner will be immediately notified of the discovery. The coroner has 2 working days to examine the remains after being notified by the lead agency. If the remains are determined to be Native American, the coroner has 24 hours to notify NAHC, who will determine the most likely descendant. The NAHC will immediately notify the identified most likely descendant, and the most likely descendant has 48 hours to make recommendations to the landowner or representative for the respectful treatment or disposition of the remains and grave goods. If the most likely descendant does not make recommendations within 48 hours, the area of the property must be secured from further disturbance. If no recommendation is given, the lead agency or its authorized representative will re-inter the human remains and items associated with Native American burials with appropriate dignity on the property in a location not subject to further subsurface disturbance. This discovery protocol shall be included in the Monitoring and Discovery Plan to be prepared pursuant to Mitigation Measure CUL-2.

3.5.5 Level of Significance after Mitigation

~~The proposed project has the potential to significantly impact four historical resources (three built environment and one archaeological); however, implementation of Mitigation Measures CUL-1 through CUL-3 would reduce impacts to a level less than significant.~~

Implementation of Mitigation Measure CUL-1 would reduce impacts on the Southern Pacific Roundhouse and Rail Yard site to the extent feasible. Since the Southern Pacific Roundhouse and Rail Yard site is considered a contributing element to both the San Luis Obispo Southern Pacific Railroad NRHP Historic District and the City of San Luis Obispo Local Railroad Historic District, the project's impact will not be reduced to less than significant with the implementation of Mitigation Measure CUL-1. Therefore, this impact would be significant and unavoidable.

Implementation of Mitigation Measures CUL-2 and CUL-3 would reduce potential impacts associated with the potential for inadvertent discovery of archaeological resources and potential inadvertent discovery of human remains to a level less than significant.

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3.8 Greenhouse Gas Emissions (Annotated)

Under State CEQA Guidelines Section 15088.5(c), if a revision to an EIR is limited to a few chapters or portions of the EIR, only the chapters or portions that have been modified need to be recirculated. Consistent with CEQA Guidelines Section 15088.5(c), this Recirculated Draft EIR contains only the portions of the Draft EIR (November 2021) that have been modified. This section has been annotated and only shows the portions that have been updated as indicated in ~~strikeout~~ (for text deletions) and underline (for text additions).

The Central Coast Layover Facility Project Air Quality Analysis Report prepared by ERP, Inc. was updated to estimate locomotive idle and movement criteria GHG emissions that would potentially be generated within the CCLF rail spurs and train storage areas.

Information contained this section is taken from the updated Central Coast Layover Facility Project Air Quality Analysis Report prepared by ERP, Inc., and included as Appendix C of this EIR.

3.8.3 Project Impacts

Impact Analysis

Impact 3.8-1 Generate GHG Emissions

Would the proposed project generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?

The proposed project would include the phased construction of rail yard and track improvements, as well as an approximately 21,500 square feet of single-story structures, housing a variety of functions. To provide a conservative impact analysis, project construction impacts were modeled over two phases (Phase 1 and Later Phases).

Project construction would generate temporary GHG emissions primarily from operation of construction equipment on-site as well as from vehicles transporting construction workers to and from the project site and heavy trucks to haul away excavation spoils and transporting building materials. As shown in Table 3.8-3, construction would generate an estimated total of 759.5549 MT CO₂e. Amortized over a 30-year period, construction would generate an estimated 25.324 MT CO₂e per year.

Table 3.8-3. Estimate of GHG Emissions during Construction

| Phase and Year | Emissions in MT of CO ₂ e |
|-----------------------|--------------------------------------|
| Phase 1 – 2024 | 569.09 |
| Later Phases – 2025 | 190.4740 |
| Total | 759.5549 |
| Amortized of 30 Years | 25.324 |

Source: Appendix C of this EIR
Notes:
See Appendix C of this EIR for CalEEMod modeling output sheets.
MT=metric tons; CO₂e=carbon dioxide equivalent

Amortized construction emissions are combined with operations emissions to determine the proposed project’s total GHG emissions. Project operations would generate GHG emissions associated with

area sources (e.g., landscape maintenance), energy and water usage, vehicle trips, and wastewater and solid waste generation, and locomotive movements and idling. Given that the proposed project would replace the existing Pacific Surfliner layover facility that is located approximately 0.3-mile to the north, current employees (along with their existing trip-generating activity and related GHG emissions), the existing facility emissions would be subtracted from the proposed project's emissions providing the project's net increase in emissions. ~~would simply transfer from the existing facility to the proposed new facility.~~ As shown in Table 3.8-4, the project's annual operational emissions combined with amortized construction emissions, minus existing facility emissions that would be decommissioned would total approximately ~~365.91~~41.48 MT CO₂e per year, or approximately ~~5.63~~0.64 MT CO₂e per employee per year. ~~Because project GHG emissions would exceed the City's 2020 CAP efficiency threshold of 0.7 MT CO₂e per employee per year, mitigation measures are required to reduce the impact to a level less than significant. As such, project GHG emissions would not exceed the City's 2020 CAP efficiency threshold of 0.7 MT CO₂e per employee per year.~~

The installation of solar panels is planned as part of the buildout phase of the project. Mitigation Measure GHG-1 is proposed to ensure that the panels are operational at that point in time when the CAP efficiency threshold would be exceeded (buildout phase of the project). The solar panels would generate electricity to off-set a portion of the CCLF's electricity demand. Mitigation Measure GHG-2 is proposed which requires the use of renewable diesel for the locomotives. These reductions are shown in Table 3.8-4. However, as shown in Table 3.8-4, these mitigation measures would not reduce GHG emissions to a level less than significant. Therefore, Mitigation Measure GHG-3 is proposed, which requires the purchase of GHG emissions off-sets to reduce GHG emissions to below the 0.7 MT CO₂e efficiency threshold. Implementation of Mitigation Measures GHG-1 through GHG-3 would achieve GHG reductions, so the GHG emission levels at full buildout would be below the 0.7 MT CO₂e efficiency threshold. With implementation of Mitigation Measures GHG-1 through GHG-3, the project's GHG emissions would be less than significant, and the project would not generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment. Impacts would be less than significant. No mitigation is required.

Table 3.8-4. Project Annual GHG Emissions

| Emissions Source | Emissions in MT of CO ₂ e | |
|-----------------------------------|--------------------------------------|--|
| | | |
| Construction | 25.31 | |
| Operations | 16.27 | |
| | | |
| Annual Total GHG Emissions | <u>41.48</u> | |
| Service Population | 65 | |
| Emissions per Employee | <u>0.64</u> | |
| Efficiency Threshold | 0.7 | |
| Exceed Threshold? | No | |

Table 3.8-4. Project Buildout Annual GHG Emissions

| <u>Emissions Source</u> | <u>Emissions in MT of CO₂e</u> | |
|--|---|---|
| | <u>No Mitigation</u> | <u>With Mitigation Measures GHG-1 and GHG-2</u> |
| <u>Project Facility (Area, Mobile, Energy)</u> | <u>30.19</u> | <u>25.58</u> |
| <u>Locomotives (Idling/Movements)</u> | <u>420.09</u> | <u>403.15</u> |
| <u>Construction (Amortized 30-years)</u> | <u>25.32</u> | <u>25.32</u> |
| <u>Total Project Emissions</u> | <u>475.60</u> | <u>454.05</u> |
| <u>Total Existing Emissions</u> | <u>109.69</u> | <u>109.69</u> |
| <u>Net Project Emissions</u> | <u>365.91</u> | <u>344.36</u> |
| <u>Service Population (Employees)</u> | <u>65</u> | <u>65</u> |
| <u>Emissions per Employee</u> | <u>5.63</u> | <u>5.30</u> |
| <u>Efficiency Threshold</u> | <u>0.70</u> | <u>0.70</u> |
| <u>Exceeds Threshold?</u> | <u>Yes</u> | <u>Yes</u> |

Source: Appendix C of this EIR

Notes:

See Appendix C of this EIR for CalEEMod modeling output sheets.

MT=metric tons; CO₂e=carbon dioxide equivalent

Impact 3.8-2 Conflict with Applicable Plan, Policy, or Regulation

Would the proposed project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs?

As discussed under Impact 3.8-1 above, the project's GHG emissions would not exceed the City's 2020 CAP efficiency threshold of 0.7 MT CO₂e per employee per year. However, implementation of Mitigation Measures GHG-1 through GHG-3 would achieve GHG reductions, so the GHG emission levels at full buildout would be below the 0.7 MT CO₂e efficiency threshold. With implementation of Mitigation Measures GHG-1 through GHG-3, the project's GHG emissions would be less than significant. The 2020 CAP enables the City to maintain local control of implementing state direction to reduce GHG emissions to 1990 levels by 40 percent below 1990 levels by 2030 (SB 32). Therefore, the proposed project is consistent with the City's 2020 CAP and SB 32.

The proposed project would provide the opportunity to store and service additional train sets used for further expansion of Amtrak's Pacific Surfliner service. The proposed improvements would improve the safety and reliability of passenger trains and the passenger rail network. As the state's passenger rail system grows, the reduction in reliance on the automobile would result in reduction of vehicle miles traveled, GHG emissions, and other air pollutants. Furthermore, the proposed project would promote walking, biking and use of public transit use to reduce dependency on motor vehicles. A new segment of Class I bike trail (exclusive use by bicycles and pedestrians), from approximately McMillan Avenue to the Amtrak Station, is identified in the City of San Luis Obispo's Active Transportation Plan's Tier 3 Project List as a future Class I trail connecting existing Class I, II, and III segments to comprise the Railroad Safety Trail. Should project conditions, land use, and ROW alignments allow, the proposed

project would construct a portion of the new segment of Class I bike trail, from approximately High Street to Francis Street, which would promote walking and biking in the project area. Based on these considerations, the proposed project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions and a less than significant would occur.

3.8.4 Mitigation Measures

~~Implementation of the proposed project would not result in significant impacts on GHG emissions. Therefore, no mitigation measures are required.~~

GHG-1 Install Solar Panels to Off-set At Least Forty Percent of CCLF Project Build-out Electricity Demand. The LOSSAN Rail Corridor Agency shall install solar panels to off-set at least forty percent of CCLF build-out electricity demand. Given the phased nature of CCLF build-out, this measure shall phase in once CCLF electricity demand reaches 68,750 kilowatt hours (kWh) per year.

GHG-2 Renewable Diesel for Locomotives. The LOSSAN Rail Corridor Agency shall require all locomotives to use 100 percent renewable diesel. The use of renewable diesel would reduce locomotive tailpipe CO₂ emissions by approximately 4 percent compared to CARB-certified diesel fuel.

GHG-3 Purchase of GHG Emissions Offsets. The LOSSAN Rail Corridor Agency shall work with the San Luis Obispo County APCD and City to identify and purchase GHG Emissions Offsets sufficient for project GHG emissions to meet the City's 0.7 MT CO₂e efficiency threshold.

To determine the required offsets quantity, the LOSSAN Rail Corridor Agency shall conduct the following:

- 1) Field test the Charger locomotive to ascertain idle fuel consumption per hour,
- 2) Re-quantify project GHG emissions inventory using the actual idle fuel consumption rate,
- 3) Re-calculate GHG emissions per employee using the revised GHG emissions inventory, and
- 4) Calculate the GHG emissions offset requirement needed to achieve 0.7 MT CO₂e per employee.

3.8.5 Level of Significance after Mitigation

Implementation of Mitigation Measures GHG-1 through GHG-3 would reduce the potential impact related to GHG emissions in the buildout phase of the project to a level less than significant. No significant impact on GHG emissions has been identified.

3.11 Land Use and Planning (Annotated)

Under State CEQA Guidelines Section 15088.5(c), if a revision to an EIR is limited to a few chapters or portions of the EIR, only the chapters or portions that have been modified need to be recirculated. Consistent with CEQA Guidelines Section 15088.5(c), this Recirculated Draft EIR contains only the portions of the Draft EIR (November 2021) that have been modified. This section has been annotated and only shows the portions that have been updated as indicated in ~~strikeout~~ (for text deletions) and underline (for text additions).

This section has been updated to include clarifications regarding the proposed bike path and additional details demonstrating how the proposed project complies with the City's Railroad District Plan's Architectural Guidelines.

3.11.3 Project Impacts

Impact Analysis

Impact 3.11-1 Division of an Established Community

Would the proposed project physically divide an established community?

Generally, the physical division of an established community occurs as a result of the introduction of a new physical feature, such as a highway, railroad tracks, or security fence (or wall). Similarly, a division could result through the removal of a means of access, such as closing a local road, trail, or bridge. Once implemented, these physical impediments to the circulation network could impair mobility within an existing community or between adjacent communities or outlying areas.

Existing uses in the project vicinity include the San Luis Obispo Amtrak Station and San Luis Obispo Railroad Museum on the north; existing railroad corridor, San Luis Obispo Railroad Safety Trail, low- and medium-density residential, Sinsheimer Park, and Johnson Park on the east; service and manufacturing businesses on the south; and commercial, medium-high density residential, and service and manufacturing businesses on the west. Low- and medium-density residences are located across the railroad corridor immediately east of the existing San Luis Obispo Railroad Safety Trail. Medium-high density residential (Roundhouse Place Apartments and Village at Broad Street Family Apartments) occur along the west side of the project site.

The project site is situated in an urbanized area of the City of San Luis Obispo containing an existing, active, rail corridor currently utilized by Amtrak (Pacific Surfliner and Coast Starlight). The project improvements would be constructed primarily within existing railroad ROW owned by Union Pacific with some off-site improvements for water supply and sewer system tie-ins, utility relocations, and street improvements. The existing railroad corridor provides a physical division of the low- and medium-density residential and recreational uses on the east with commercial, medium-high density residential, and service and manufacturing businesses on the west. The Jennifer Street Bridge located north of the project site provides safe and protected access for bicyclists and pedestrians to cross the railroad ROW. Even with the Jennifer Street Bridge, bicyclists and pedestrians cross the railroad ROW at unapproved and unprotected locations to get from the east side to west side, and vice versa. With implementation of the proposed project, bicyclists and pedestrians would be deterred from illegally traversing the railroad corridor because the project site would be developed with additional tracks, new buildings, and fencing along the west side of the project site. Generally, these features would be

considered a new physical barrier. However, the existing railroad corridor already acts as a physical barrier of land uses east and west of the project site.

Furthermore, the proposed project would not preclude implementation of future pedestrian and bicycle facilities that would provide connections to land uses on the west side and east side of the project site. As shown in Figure 3.13-2 (Section 3.13, Transportation of this EIR), future bicycle facilities are proposed within the project site and vicinity. A new segment of Class I bike trail, from approximately McMillan Avenue to the Amtrak Station, is identified in the City of San Luis Obispo's Active Transportation Plan's Tier 3 Project List as a future Class I trail connecting existing Class I, II, and III segments to comprise the Railroad Safety Trail. This portion is approximately 0.84 miles of new Class I trail. Should project conditions, land use, and ROW alignments allow, the proposed project would construct a portion of the new segment of Class I bike trail, from approximately High Street to Francis Street. The right-of-way acquisition proposed for this project is from the UPRR-owned property at the project site. The trail construction proposed by the LOSSAN Rail Corridor Agency would remain within this property. No additional private property acquisition is proposed by the LOSSAN Rail Corridor Agency to support a full-width trail in this area.

Completion of a Class I bike facility for the entire extent of the project limits is not feasible due to right-of-way constraints at the south end of the site. Figure 3.13-3 (Cross Section E) illustrates the existing limits (or feasibility constraints) of constructing a Class I bike facility at the southern extent of the project site. There are several property (i.e., right-of-way, private property) constraints in the southern alignment of the future bike path, as these adjacent properties are under separate ownership. Specifically, at the south end of the project site, an approximately 60'-70' segment of trail is located in an area of constrained space where the maximum feasible width of the path is an 8' paved section, including any shoulders. In this configuration, classification of the trail in this short area does not meet the standards for a two-way bike path. Signage indicating the restricted width and the need to dismount and walk bicycles would be recommended to be installed in advance of this narrow section to warn users of the condition. Appropriate length transition sections would need to be designed on either side of this segment to taper down to the 8' section width. This reduced width segment would still provide north-south connectivity along the edge of the site, providing an authorized path of travel. This configuration does not preclude future widening of the trail if the City obtains right of-way adjacent to the project site. Portions within the Phase 1 footprint extend from High Street south to the end of the Phase 1 improvements, approximately half-way between Roundhouse Avenue and Francis Street. Timing of other portions would depend on the timing of future phases of the project, subject to funding availability and demand. Therefore, the project does not preclude the possibility of a future city-led project for construction of a path on the portion adjacent to the CCLF project.

A Class II segment is proposed along Roundhouse Street, which would then cross the railroad ROW via a proposed grade separated crossing (labeled I-46 in Figure 3.13-2), and then continue along Bishop Street. A Class I segment is proposed to connect the existing Class III segment on Francis Avenue across the railroad ROW to the Railroad Safety Trail. The LOSSAN Rail Corridor Agency has conducted a preliminary review of the Francis Street connection as shown in the South Broad Street Area Plan and has concluded that the proposed project would not preclude this crossing in the future because the foundations for the pedestrian bridge as shown in the plan would be located outside the project footprint. Further south, a grade separated crossing (labeled I-4 in Figure 3.13-2) is proposed east of Lawrence Drive. The proposed project would not preclude implementation of future bicycle facilities and grade separated crossings identified above.

Based on these considerations, the proposed project would have a less than significant impact associated with the physical division of an established community.

Impact 3.11-2 Conflict with Land Use Plans, Policies, or Regulations

Would the proposed project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

An evaluation was conducted in the context of whether the project meets the intent of applicable regional rail and other local transportation plans. A consistency evaluation of the City of San Luis Obispo's applicable planning documents was also conducted to determine general project consistency with local plans and policies.

City of San Luis Obispo Railroad District Plan

The project site is located entirely within the City of San Luis Obispo's Railroad Historic District. The Railroad District's architectural guidelines which apply to new buildings, significant remodels, site improvements, and public area improvements supplement the citywide architectural guidelines and are applied in a similar manner within the Railroad District. As required by Municipal Code Chapter 2.48 – Architectural Review Procedures, property owners, developers, designers, City staff and advisory bodies, such as the Cultural Heritage Committee, Architectural Review Commission and the Planning Commission use these guidelines to review development projects (City of San Luis Obispo Community Development Department 1998).

While the City does not have discretionary authority over the project, the LOSSAN Rail Corridor Agency has continued to work with City staff and decisionmakers, as well as other key stakeholders, as an integral part of the development of the Master Plan for the proposed project. With respect to proposed architectural styles, the LOSSAN Rail Corridor Agency has coordinated with the City of San Luis Obispo and has incorporated the City's input received during the CCLF Master Plan process into the conceptual architectural design guidelines for the proposed project. By incorporating the City's recommendations into the CCLF Master Plan architectural guidelines, project buildings will be architecturally compatible with the City's Railroad District Plan architectural guidelines. As specifically reflected in the CCLF Master Plan, buildings will be designed to be compatible with the surrounding built environment and will be consistent with architectural guidance set forth in the City of San Luis Obispo's Railroad District Plan.

For example, as shown in the CCLF Master Plan Report (Section 6.3.3 Building Exterior), proposed buildings would be constructed of pre-fab steel, precast, or Concrete Masonry Block (CMU), which is a building construction type that is common among existing buildings in the City's Railroad District. As identified in the Master Plan, proposed exterior systems and materials include the following, consistent with Section 3: Architectural Guidelines of the Railroad District Plan:

- Split Faced Architectural CMU
- Corrugated Metal Siding
- Corten/Weathering Steel
- Metal Siding Rainscreen
- High Pressure Laminate Panel
- Brick Veneer

The proposed fencing would be constructed with a relatively fine grid spacing of the mesh comprising the fence panels in order to prevent climbing, while maintaining transparency. This transparent yet

secure fence would allow the public to visually access the roundhouse foundation that would be preserved as part of the proposed project. An open, chain link fencing type is proposed, consistent with the Railroad District Plan.

Proposed buildings and site improvements will be designed to be compatible with the surrounding built environment and be consistent with guidance set forth in the City of San Luis Obispo's Railroad District Plan. The proposed building architecture would be compatible with the Railroad District Plan architectural guidelines, which includes styles such as split faced architectural CMU, corrugated metal siding, corten/weathering steel, metal siding rainscreen, high pressure laminate panel and brick veneer, all of which have been incorporated into the Master Plan architectural types. As specifically reflected in the CCLF Master Plan, buildings will be designed to be compatible with the surrounding built environment and will be consistent with architectural guidance set forth in the City of San Luis Obispo's Railroad District Plan. Therefore, operation of the project would not substantially degrade the existing visual character or quality of public views of the site and its surroundings and would not detract from the District's historic architectural character, circulation patterns, and neighborhood compatibility.

City of San Luis Obispo Zoning Regulations

As shown on Figure 3.11-2, the project site is currently zoned Service Commercial (C-S) with Special Consideration (S) and Historic Preservation (H) overlays. The C-S zone is intended to provide for a wide range of service and manufacturing uses to meet local needs and some demands of the region, including services, limited retail, and other business service uses that may be less appropriate in the city's other commercial zones. The C-S zone is also intended to accommodate certain storage, transportation, wholesaling, and light manufacturing uses (City of San Luis Obispo 2018b). The proposed project includes the construction of a new rail yard, storage and servicing tracks, and operations and maintenance buildings to facilitate the maintenance of equipment at the northern terminus of the LOSSAN rail corridor. Although the project is not subject to the City of San Luis Obispo's discretionary review with regards to zoning, the proposed project is consistent with the permitted uses identified in the C-S zoning designation. Similarly, with regards to the Special Consideration and Historic Preservation overlays, the proposed project is not subject to the City of San Luis Obispo's discretionary review with regards to zoning.

From a general building height and massing perspective, all proposed structures supporting the CCLF are consistent with City zoning height limits within the C-S zone. The C-S zone allows for building height up to 35 feet. All proposed project buildings are not anticipated to exceed 28 feet in height from the ground surface, with the exception of some architectural appurtenances of up to 32 feet in height from the ground surface and would be single-story, and therefore would be lower than the height limit applicable to the zone in which the project is located.

3.11.4 Mitigation Measures

Implementation of the proposed project would not result in significant impacts on land use and planning. Therefore, no mitigation measures are required.

3.11.5 Level of Significance after Mitigation

No significant impact on land use and planning has been identified.

3.12 Noise (Annotated)

Under State CEQA Guidelines Section 15088.5(c), if a revision to an EIR is limited to a few chapters or portions of the EIR, only chapters or portions that have been modified need to be recirculated. Consistent with CEQA Guidelines Section 15088.5(c), this Recirculated Draft EIR contains only the portions of the Draft EIR (November 2021) that have been modified. This section has been annotated and only shows the portions that have been updated as indicated in ~~strikeout~~ (for text deletions) and underline (for text additions).

The Central Coast Layover Facility Project Noise and Vibration Technical Report prepared by HMMH was updated to adjust the assumptions for train idling times to reflect current train operational characteristics at the existing maintenance facility located to the north of the project site to represent a more conservative scenario. Mitigation Measure NV-3 was revised to reflect existing train idling characteristics and to ensure train idling times are limited to those identified in the mitigation. In addition, Mitigation Measure NV-4 was added to: 1) require periodic (quarterly) compliance noise monitoring during operation of the project to ensure noise levels are similar to those disclosed in the Central Coast Layover Facility Project Noise and Vibration Technical Report (Appendix J of this EIR) and 2) require construction noise monitoring to be conducted during daytime limits.

This section describes the project's potential impacts related to noise and vibration. Information provided in this section is summarized from the updated Central Coast Layover Facility Project Noise and Vibration Technical Report (Appendix J of this EIR).

3.12.2 Regulatory Setting

Local

Pursuant to Government Code Section 14070.7, the LOSSAN Rail Corridor Agency is deemed to be an agency of the state for all purposes related to interagency passenger rail services, including Section 5311 of Title 49 of the United States Code. Thus, the LOSSAN Rail Corridor Agency is a state agency and is therefore not subject to local government planning and land use plans, policies, or regulations. The LOSSAN Rail Corridor Agency may consider, for informational purposes, aspects of local plans and policies for the communities surrounding the project site, when it is appropriate. The proposed project would be subject to state and federal agency planning documents described herein but would not be bound by local planning regulations or documents such as the City's General Plan or municipal code.

City of San Luis Obispo Municipal Code, Title 9, Chapter 9.12 (Noise Control)

~~The proposed project would be in the City of San Luis Obispo, which has regulations that pertain to construction noise; however, the City does not have authority to regulate noise from railroads. Specifically, t~~The City regulates~~controls~~ construction noise via Chapter 9.12 of its Municipal ~~code~~ Code (City of San Luis Obispo 2010). This ordinance ~~would allow the project to be constructed~~generally permits construction between the hours of 7:00 a.m. and 7:00 p.m. so long as it does not exceed 60 dBA hourly equivalent sound level (L_{eq}) at single-family residences and 65 dBA L_{eq} at multi-family residences. Generally, An exemption would be needed with from the City if the project is required to construction occurs outside of this time period or if exceeding these thresholds is unavoidable.

Section 9.12.090 subsection F of ¶the City's Municipal Code, however, provides an exemption for federally or state mandated projects, of which the project qualifies since it operates under the authority

of the state (LOSSAN Rail Corridor Agency). Therefore, pursuant to the LOSSAN Rail Corridor Agency's inherent authority as a state entity and the City's exemption, the construction of the proposed project is exempt from the City's noise regulations.

3.12.3 Project Impacts

Thresholds of Significance

Appendix G of the CEQA Guidelines is used to provide direction for determination of a significant noise impact from the proposed project. For the purpose of this EIR, a significant impact would occur if the proposed project would result in:

- Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies
- Generation of excessive groundborne vibration or groundborne noise levels
- For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels

Methodology

Operational Noise

In FTA's *Transit Noise and Vibration Impact Assessment Manual* (FTA 2018), noise impact criteria for the operation of rail facilities are based on the change in outdoor noise exposure using a sliding scale with three land use categories and three degrees of impact. The criteria were established to reflect a heightened community annoyance caused by late-night or early morning service, as well as communities' varying sensitivity to noise from projects during different ambient noise conditions.

For operational rail noise, FTA's three land use categories are as follows:

- **Noise Category 1** – Tracts of land where quiet is an essential element in their intended purpose, such as outdoor amphitheaters, concert pavilions, and national historic landmarks with significant outdoor use.
- **Noise Category 2** – Residences and buildings where people normally sleep, including homes, hospitals, and hotels.
- **Noise Category 3** – Institutional land uses (i.e., schools, places of worship, libraries) with use typically during the daytime and evening. Other uses in this category can include medical offices, conference rooms, recording studios, concert halls, cemeteries, monuments, museums, historical sites, parks, and recreational facilities.

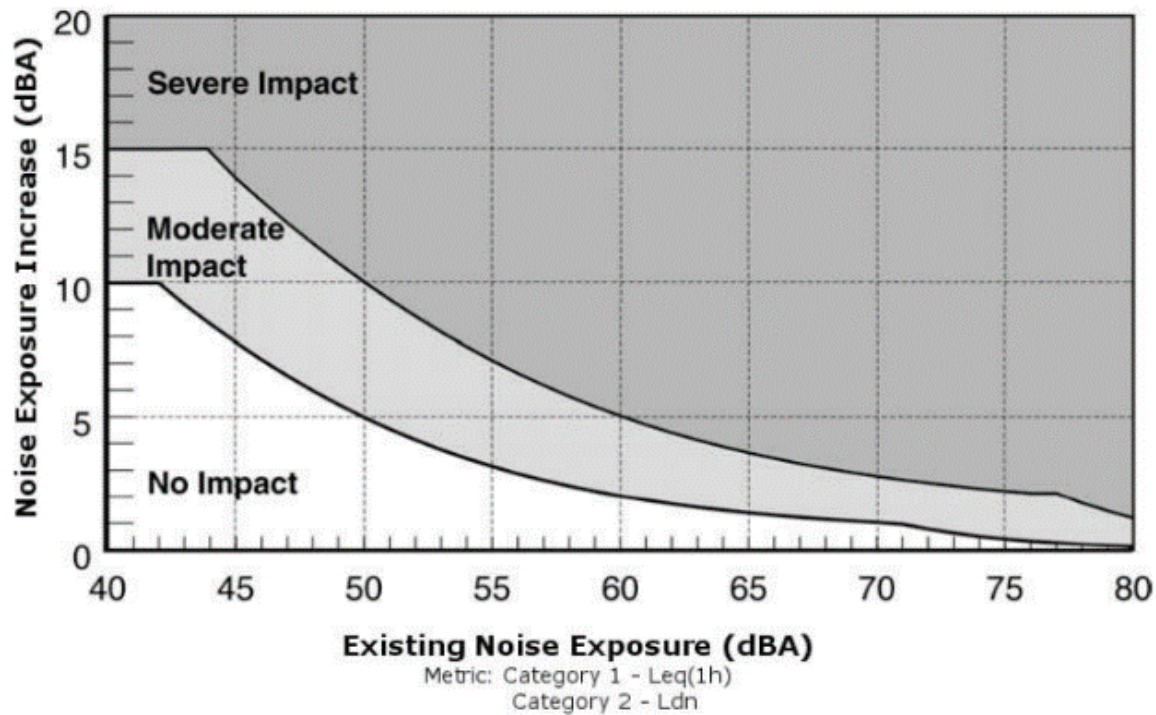
The three categories are determined from general land use information about each receiver. No Category 1 receivers are located within 1 mile of the project alignment, which is well beyond the typical FTA screening distance for noise or vibration impacts. Outdoor hourly L_{dn} applies to Category 2, whereas outdoor L_{eq} applies to Category 3.

Noise impacts on Category 2 and Category 3 land uses as a result of a project are assessed by comparing existing and future project-related outdoor noise levels. Figure 3.12-3 and Figure 3.12-4

illustrate the FTA noise impact criteria as they relate to each land use category. The criterion for each degree of impact is based on a sliding scale dependent on the existing noise exposure and the increase in noise exposure attributable to the project. Figure 3.12-3 and Figure 3.12-4 illustrate the cumulative noise impact criteria to be used on the project. Based on FTA criteria, potential noise impacts fall into three types: no impact, moderate impact, and severe impact (FTA 2018). The impact categories are described further below:

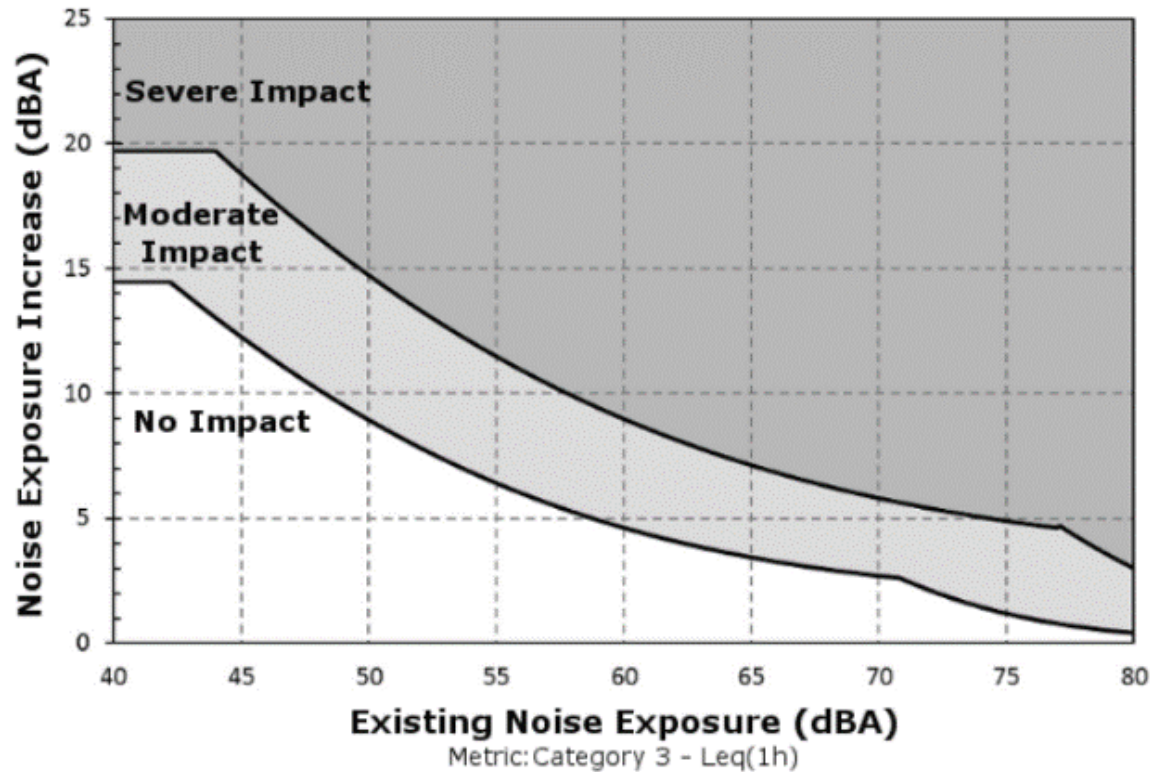
- **No impact** – A project on average would result in an insignificant increase in the number of instances where people are highly annoyed by new noise. This impact level would not require mitigation.
- **Moderate impact** – The change in cumulative noise is noticeable to most people but may not be enough to cause strong, adverse community reactions. The FTA manual indicates mitigation for this impact level should be considered but is not required.
- **Severe impact** – A significant percentage of people would be highly annoyed by the noise, possibly resulting in a strong, negative community reaction. The FTA manual indicates mitigation for this impact level is required.

Figure 3.12-1. Federal Transit Administration Cumulative Noise Levels Allowed by Criteria Category 2 Land Use



Source: FTA 2018

Figure 3.12-2. Federal Transit Administration Cumulative Noise Levels Allowed by Criteria Category 3 Land Use



Source: FTA 2018

Construction Noise

The FTA manual contains tables listing suggested construction noise impact criteria depending upon the level of detail/understanding of the construction phase (FTA 2018). For the more detailed approach applicable to the project, the FTA's guidelines for assessment of construction noise shown in Table 3.12-3 are suggested for use due to different noise levels for daytime and nighttime construction. Daytime is defined as 7:00 a.m. to 10:00 p.m., and nighttime is defined as 10:00 p.m. to 7:00 a.m.

Table 3.12-1. Prescriptive Federal Transit Administration Construction Noise Assessment Guidelines

| Land Use | 8-Hour L_{eq} (dBA) | | 30-Day Average L_{dn} (dBA) |
|-------------|-----------------------|-------|-------------------------------|
| | Day | Night | |
| Residential | 80 | 70 | 75 ^a |
| Commercial | 85 | 85 | 80 ^b |
| Industrial | 90 | 90 | 85 ^b |

Source: FTA 2018

Notes:

^a In urban areas with very high ambient noise levels (L_{dn} greater than 65 dB), L_{dn} from construction operations should not exceed existing ambient + 10 dB.

^b 24-hour L_{eq} , not L_{dn}

dB=decibel; dBA=A-weighted decibel; L_{eq} =equivalent noise level; L_{dn} =day-night average sound level

Detailed Noise Assessment

As described in Chapter 2, Project Description, funding is currently not available to construct the entire facility at once. Instead, a phased construction approach is intended, constructing an initial portion of the facility which includes the most immediately needed elements, and adding the remaining components as the need arises and additional funding becomes available. Phase 1 intends to meet or exceed the functionality of the existing layover facility and add layover capacity for at least one additional train. Later phases would include the remaining Master Plan components as dictated by operational needs and as allowed by available funding. Initially this would focus on all items identified as essential components of the ultimate facility, followed later by those features that would expand overall capacity of the facility, as well as enhance operations and efficiency, but which are not immediately mandatory.

The *Noise and Vibration Technical Report* prepared for the proposed project analyzed the potential noise impacts under two scenarios: 1) Phase 1 and 2) Later Phases. During the first phase, operational noise would be associated with idling trains and train movements into and out of the layover facility. The later phases would include new sound sources from the train wash and wheel truing facility. The noise modeling effort associated with the detailed noise assessment accounted for the construction fleet and duration to construct the project, as well as the number of train movements anticipated to pass through the yard, idle, and use the train wash during daytime and nighttime hours throughout operation. For construction-related impacts, the anticipated construction equipment mix and phases were used to identify potential impacts. The following assumptions were made as part of the operational detailed noise assessment.

Phase 1 Assumptions

- The typical train speed in the yard is 10 miles per hour with the speed of trains through the wash 5 miles per hour.
- Future train movements and consists (e.g., the number of locomotives and cars per train movement) is one locomotive and seven passenger cars for the Pacific Surfliner Train.
- Locomotive horn use was not included in the assessment since there are no at-grade train crossings.

- The future noise exposure would be the combination of the existing noise exposure and the additional project-related noise exposure.
 - Train movement volumes are projected to increase in the future, with a total of two trains accessing the CCLF daily. These train movements are incorporated into the noise modeling and the project levels are logarithmically added to the existing levels, then the difference between the cumulative with Project conditions is compared with the existing levels to identify impact conditions.
- Locomotives would idle for up to ~~15~~⁵⁰-minutes prior to ~~being tethered to ground power or while preparing to depart the CCLF.~~ departure or 30-minutes after arriving.
- Source levels for the idling locomotives were based off of measurements conducted of the Pacific Surfliner locomotive using the existing layover facility.
- Special trackwork include an addition of 5 dB per the FTA Manual.

Later Phases Assumptions

- Includes all of the Phase 1 assumptions except there would be up to four trains accessing the CCLF rather than two.
- Locomotives would idle for up to 45-minutes prior to departure, 30-minutes after arriving during daytime hours (7:00 a.m. to 10:00 p.m.) or 25-minutes after arriving during nighttime hours (10:00 p.m. to 7:00 a.m.).
- Trains would access the storage tracks according to the following approach to reduce community noise levels.
 - The first train of each day accessing the CCLF would use the easternmost storage track and would not use the train wash. Having the train stored on this track acts as a noise barrier reducing sound levels at sensitive land uses east of the storage facility.
 - The second train of each day accessing the CCLF would use the westernmost storage track (i.e., next to the service and inspection track) and would not use the train wash. Having the train stored on this track acts as a noise barrier reducing sound levels at sensitive land uses west of the storage facility.
 - The third train each day accessing the CCLF will go through the wash and then access the storage tracks between the easternmost and westernmost storage tracks.
 - The fourth train each day accessing the CCLF will go through the wash and then layover on the service and inspection track.
- Wash facility is included with the portals assumed to have a sound level of 74 dBA Leq (Sound Transit 2015).
- The wash facility would operate only during daytime hours.
- Wheel truing machine is expected to not exceed 85 dBA Leq for a 4-hour period to keep from potentially harming workers hearing per Occupational Safety and Health Administration. Additionally, the wheel truing machine would be located in a building to provide additional attenuation.
 - The wheel truing facility would be used infrequently for around 4 hours per day and 5 days per month.

Impact Analysis

Impact 3.12-1 Generation of Ambient Noise Levels in Excess of Established Standards

Would the proposed project result in the generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Construction

Construction noise levels were predicted using each piece of equipment planned for construction. The maximum equipment noise levels (L_{max}) at 50 feet, obtained from the Federal Highway Administration's Roadway Construction Noise Model 2.0, were used in the predictions.

Project construction would be conducted during daytime hours. As stipulated in the City's Municipal Code, the project is exempt from the City's construction noise limits since it is a project by a state-run agency (LOSSAN Rail Corridor Agency). In the absence of numerical limits at the local level applicable to the project, a construction noise impact would occur if construction noise exceeds the FTA guideline of 80 dBA L_{eq} . The range of predicted construction noise levels for each construction phase are provided in Table 8-6 of the Noise and Vibration Technical Report (Appendix J of this EIR). Table 3.12-5 is derived from Table 8-6 of the Noise and Vibration Technical Report and summarized to show the specific phase when construction noise would exceed the FTA daytime guideline of 80 dBA L_{eq} .

As shown in Table 3.12-5, construction noise would exceed the FTA guideline of 80 dBA L_{eq} during Phase 1b (Utility Relocations) and Phase 1f (construction of the S&I Position, gage pit with canopy). Exceedances of the FTA daytime guideline would occur at 3 receptors (Table 3.12-6) and is considered a significant impact. Figure 3.12-5 shows where the construction noise impacts would occur. With implementation of Mitigation Measures NV-1 and NV-2, which includes noise-reducing measures (siting construction equipment as far away from sensitive receptors, combining noise operations in the same time period, and using specially quieted equipment) and preparing a community notification plan, construction noise levels would be maintained below the FTA guideline. In addition, Mitigation Measure NV-4 requires the LOSSAN Rail Corridor Agency to prepare a noise monitoring program, which will describe how during construction the contractor will monitor construction noise daily during daytime limits. If complaints are received, complaints will be resolved via construction noise monitoring, where applicable. By implementing the noise reduction measures and compliance monitoring, this impact would be reduced to a level less than significant.

Table 3.12-5. Construction Phase Noise Summary

| Phase | Equipment | dBA Lmax at 50ft | Composite dBA Leq at 50ft | FTA Daytime Guideline Exceedances | Range of Sound Levels | Potential Impact Type |
|--|---|------------------|---------------------------|-----------------------------------|-----------------------|-----------------------|
| Phase 1b Utility Relocations | Backhoe with Concrete Breaker | 84 | 83 | Daytime | 59 - 81 | none |
| | Sawcutting | 76 | 75 | | | |
| | Dump Truck | 73 | 72 | | | |
| | Rubber Tire Front Loaders (972K or 988) | 81 | 80 | | | |
| | Concrete Truck | 88 | 87 | | | |
| | Flatbed Material Delivery Trucks | 74 | 77 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 78 | | | |
| Phase 1f S&I Position, gage pit with Canopy | Rubber Tire Front Loaders (972K or 988) | 81 | 77 | Daytime | 60 - 83 | none |
| | Backhoe | 84 | 80 | | | |
| | Concrete Truck | 88 | 90 | | | |
| | Crane | 76 | 68 | | | |
| | Manlift | 73 | 66 | | | |
| | Telehandler/Forklift | 88 | 81 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 73 | | | |

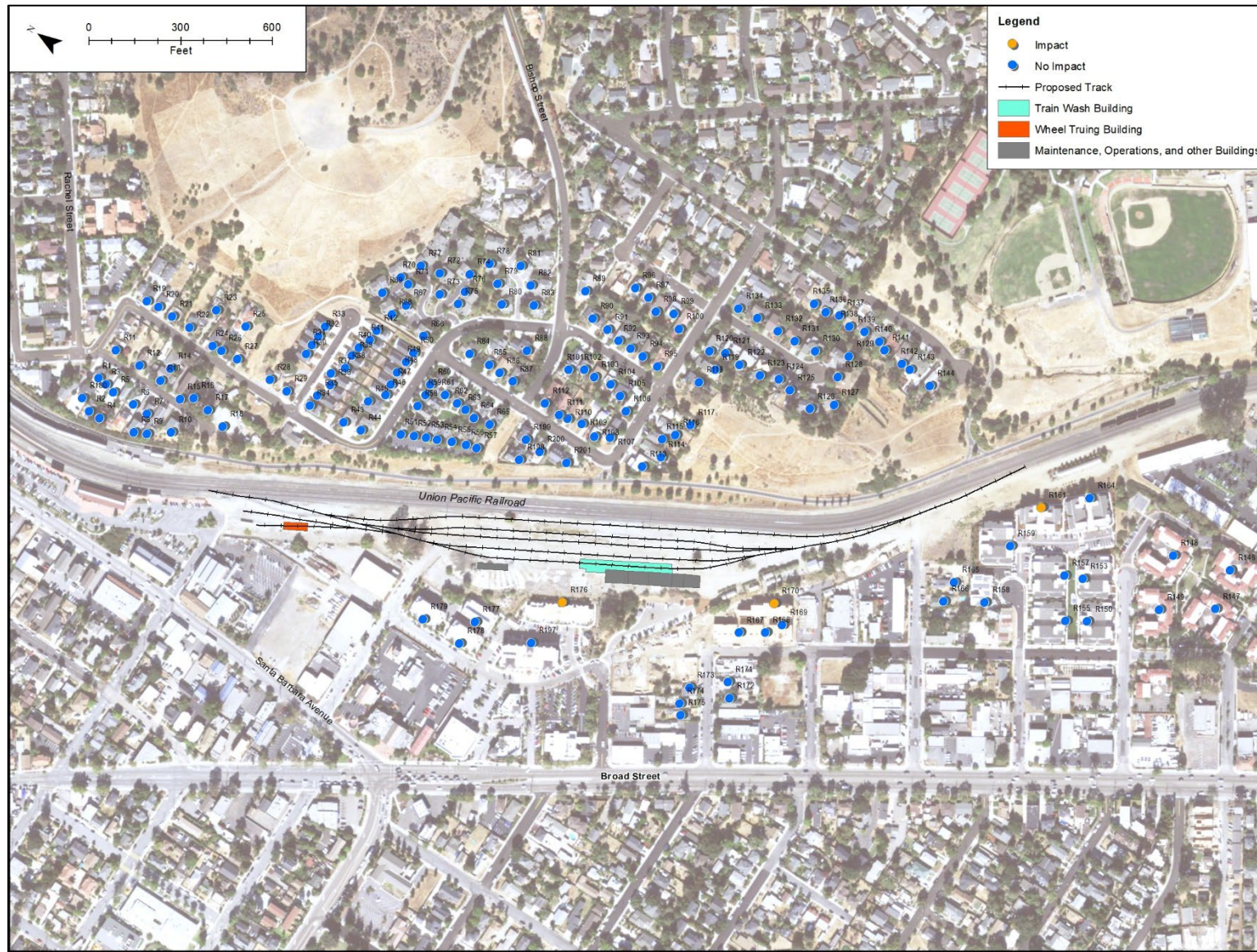
Source: Appendix J of this EIR

Table 3.12-6. Impacted Receptors

| Receptor | Distance to Construction (feet) | FTA Daytime Guideline (dBA Leq) | Highest Construction Noise Level (all Phases) dBA Leq | Exceeds FTA Daytime Guideline? |
|----------|---------------------------------|---------------------------------|---|--------------------------------|
| R161 | 130 | 80 | 83 | Yes |
| R170 | 164 | 80 | 81 | Yes |
| R176 | 144 | 80 | 82 | Yes |

Source: Appendix J of this EIR

Figure 3.12-5. Construction Noise Impacts



Source: Appendix J of this EIR

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Operation

The Central Coast Layover Facility Project Noise and Vibration Technical Report prepared by HMMH (Appendix J of this EIR) was updated to adjust the assumptions for train idling times to reflect current train operational characteristics at the existing maintenance facility located to the north of the project site to represent a more conservative scenario. The following assumptions were used to model noise levels during operation of the project:

- **Phase 1:** Locomotives would idle for up to 50-minutes prior to departure or 30-minutes after arriving.
- **Later Phases:** Locomotives would idle for up to 45-minutes prior to departure, 30-minutes after arriving during daytime hours (7:00 a.m. to 10:00 p.m.) or 25-minutes after arriving during nighttime hours (10:00 p.m. to 7:00 a.m.).

Table 3.12-7 through Table 3.12-10 were updated in this Recirculated Draft EIR (as shown in ~~strikeout~~underline below) to reflect the adjusted train idling times provided above.

Phase 1. Noise impacts on Category 2 land uses (residences) as a result of the project were assessed by comparing existing and future project-related outdoor noise levels. Figure 3.12-3 illustrates the FTA noise impact criteria as they relate to Category 2 land uses. The criterion for each degree of impact is based on a sliding scale dependent on the existing noise exposure and the increase in noise exposure attributable to the project. Figure 3.12-3 illustrates the cumulative noise impact criteria to be used on the project. Based on FTA criteria, potential noise impacts fall into three types: no impact, moderate impact, and severe impact (FTA 2018).

The results of the rail noise impact assessment for Phase 1 are summarized in Table 3.12-7 and the locations are depicted on Figure 3.12-6. Under the Phase 1 condition, the project would introduce new sources of noise where there presently are none, specifically train movements on two tracks and idling locomotives. The new sources of noise would increase noise levels in the analysis area. As shown in Table 3.12-7, the project would result in no severe impacts and moderate impacts at ~~35-40~~ Category 2 land uses (residences).

Moderate impacts would occur throughout the neighborhood north of the proposed layover facility in part because of idling trains. Moderately impacted receptor noise levels are provided in Table 3.12-8. The moderate impacts are considered significant. Detailed noise calculation results at all receptors are provided in the Noise and Vibration Technical Report (Appendix J of this EIR). Implementation of Mitigation Measure NV-3, which identifies operational adjustments at the proposed layover facility, would reduce this impact to a level less than significant. In addition, Mitigation Measure NV-4 requires the LOSSAN Rail Corridor Agency or its acoustic consultant to periodically (quarterly) monitor noise levels from operation of the facility to ensure levels are similar to those disclosed in this EIR and Central Coast Layover Facility Project Noise and Vibration Technical Report (Appendix J of this EIR). If noise levels exceed the levels disclosed in this EIR and Central Coast Layover Facility Project Noise and Vibration Technical Report (Appendix J of this EIR), the LOSSAN Rail Corridor Agency, in consultation with the acoustic consultant, will identify and implement noise reduction measures to meet disclosed noise levels.

Table 3.12-7. Phase 1 - Project Operational Noise Conditions

| Impact Type | Number of Category 2 Land Use Impacts |
|-------------|---------------------------------------|
| Severe | 0 |
| Moderate | 354 0* |
| No impact | 288 284 |

Source: Appendix J of this EIR

Notes:

* See Table 3.12-8 for the noise calculation results at moderately impacted receptors.

Table 3.12-8. Phase 1 Operational Noise Impacts

| Receptor | Land Use Category | Units | Existing Ldn/Leq | Impact Threshold ¹ | | Proposed Project (Ldn/Leq) | Proposed Project Cumulative (Ldn/Leq) | Increase (dB) | Impact Category |
|-------------|-------------------|----------|------------------|-------------------------------|-------------|----------------------------|---------------------------------------|----------------------|-----------------|
| | | | | Moderate | Severe | | | | |
| R43 | 2 | 1 | 47.5 | 6.3 | 11.9 | 54.3 54.8 | 55.1 55.5 | 7.6 8.0 | Moderate |
| R44 | 2 | 1 | 47.5 | 6.3 | 11.9 | 54.5 55.0 | 55.3 55.7 | 7.8 8.2 | Moderate |
| R51 | 2 | 1 | 47.0 | 6.6 | 12.3 | 55.5 56.3 | 56.1 56.8 | 9.1 9.8 | Moderate |
| R52 | 2 | 1 | 46.9 | 6.6 | 12.3 | 56.4 57.5 | 56.9 57.9 | 10.0 11.0 | Moderate |
| R53 | 2 | 1 | 46.8 | 6.7 | 12.4 | 56.9 58.1 | 57.3 58.4 | 10.5 11.6 | Moderate |
| R54 | 2 | 1 | 46.6 | 6.8 | 12.6 | 56.7 57.7 | 57.1 58.0 | 10.5 11.4 | Moderate |
| R55 | 2 | 1 | 46.5 | 6.9 | 12.7 | 57.8 58.8 | 58.1 59.0 | 11.6 12.5 | Moderate |
| R56 | 2 | 1 | 46.3 | 7.0 | 12.8 | 57.3 58.3 | 57.6 58.6 | 11.3 12.3 | Moderate |
| R57 | 2 | 1 | 46.2 | 7.0 | 12.9 | 57.5 58.6 | 57.8 58.8 | 11.6 12.6 | Moderate |
| <u>R61</u> | <u>2</u> | <u>1</u> | <u>45.7</u> | <u>7.3</u> | <u>13.3</u> | <u>52.8</u> | <u>53.6</u> | <u>7.9</u> | <u>Moderate</u> |
| <u>R62</u> | <u>2</u> | <u>1</u> | <u>45.8</u> | <u>7.3</u> | <u>13.2</u> | <u>52.4</u> | <u>53.3</u> | <u>7.5</u> | <u>Moderate</u> |
| R65 | 2 | 1 | 45.7 | 7.3 | 13.3 | 54.7 55.9 | 55.2 56.3 | 9.5 10.6 | Moderate |
| <u>R80</u> | <u>2</u> | <u>1</u> | <u>43.9</u> | <u>8.5</u> | <u>14.8</u> | <u>52.8</u> | <u>53.3</u> | <u>9.4</u> | <u>Moderate</u> |
| R107 | 2 | 1 | 51.2 | 4.5 | 9.3 | 54.7 55.5 | 56.3 56.9 | 5.1 5.7 | Moderate |
| <u>R108</u> | <u>2</u> | <u>1</u> | <u>51.2</u> | <u>4.5</u> | <u>9.3</u> | <u>54.1</u> | <u>55.9</u> | <u>4.7</u> | <u>Moderate</u> |
| <u>R110</u> | <u>2</u> | <u>1</u> | <u>50.8</u> | <u>4.6</u> | <u>9.5</u> | <u>54.9</u> | <u>56.3</u> | <u>5.5</u> | <u>Moderate</u> |
| R176 | 2 | 21 | 52.2 | 4.1 | 8.6 | 57.1 58.2 | 58.3 59.2 | 6.1 7.0 | Moderate |

Table 3.12-8. Phase 1 Operational Noise Impacts

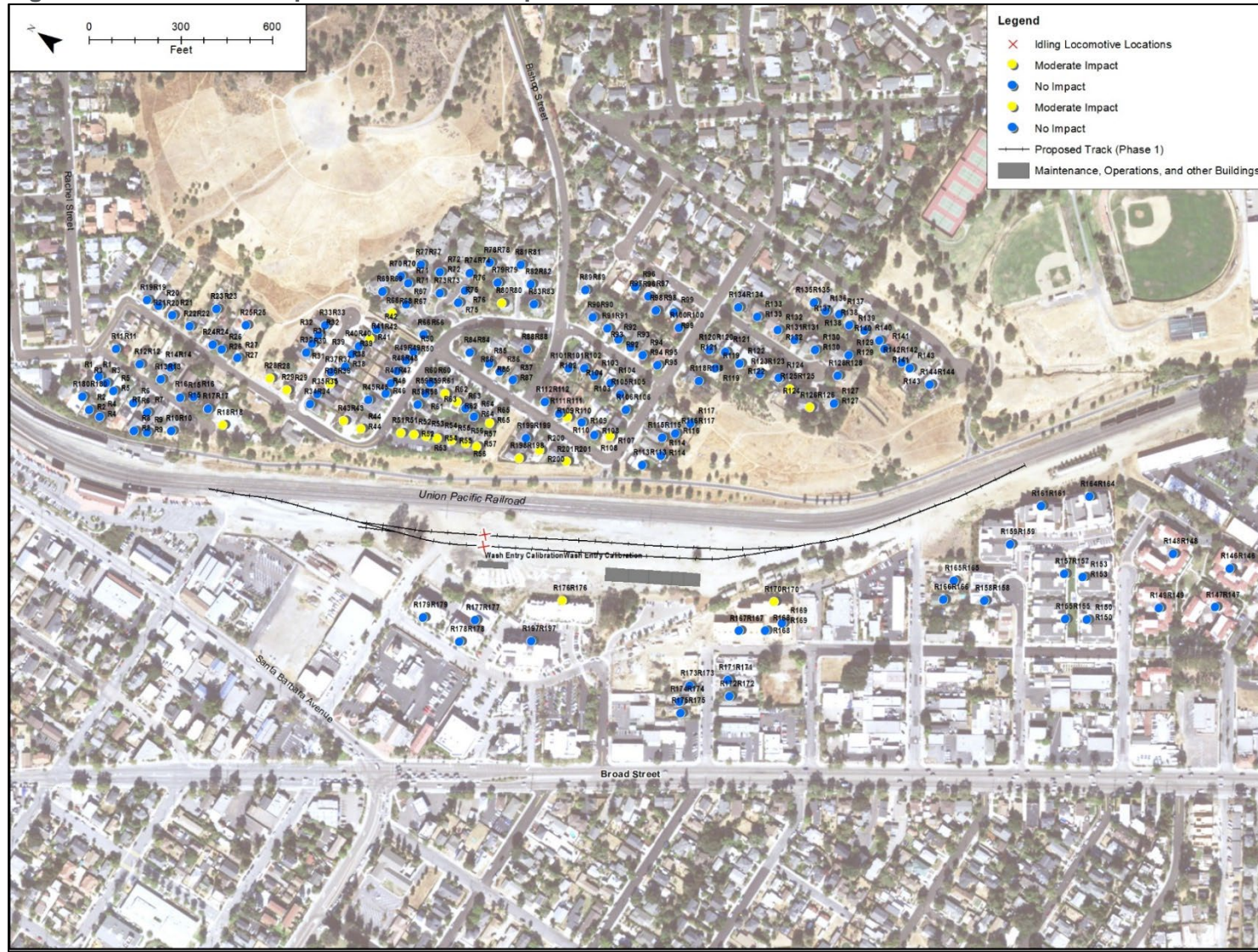
| Receptor | Land Use Category | Units | Existing Ldn/Leq | Impact Threshold ¹ | | Proposed Project (Ldn/Leq) | Proposed Project Cumulative (Ldn/Leq) | Increase (dB) | Impact Category |
|--------------|-------------------|-------------|------------------|-------------------------------|--------|----------------------------|---------------------------------------|----------------------|-----------------|
| | | | | Moderate | Severe | | | | |
| R198 | 2 | 1 | 46.2 | 7.0 | 12.9 | 56.4 57.8 | 56.8 58.1 | 40.6 11.9 | Moderate |
| R200 | 2 | 1 | 46.2 | 7.0 | 12.9 | 57.4 58.6 | 57.7 58.8 | 44.5 12.6 | Moderate |
| R201 | 2 | 1 | 46.2 | 7.0 | 12.9 | 57.2 58.2 | 57.5 58.5 | 44.3 12.3 | Moderate |
| TOTAL | -- | 3540 | -- | -- | -- | -- | -- | -- | -- |

Source: Appendix J of this EIR

Notes:

1 – Based on FTA's Transit Noise and Vibration Impact Assessment Manual (FTA 2018). Noise impacts on Category 2 land uses (residences) as a result of the project were assessed by comparing existing and future project-related outdoor noise levels. Figure 3.12-3 illustrates the FTA noise impact criteria as they relate to Category 2 land uses. The criterion for each degree of impact is based on a sliding scale dependent on the existing noise exposure and the increase in noise exposure attributable to the project. Figure 3.12-3 illustrates the cumulative noise impact criteria to be used on the project.

Figure 3.12-6. Phase 1 Operational Noise Impacts



Notes:

Receptor 176 is a multi-family residential complex. Although only one yellow dot representing a moderate impact is shown in this graphic, this dot is intended to represent 21 residential units that would be moderately impacted in the multi-family residential complex.

Source: Appendix J of this EIR

3.12 Noise (Annotated)
Recirculated Draft EIR | Central Coast Layover Facility – San Luis Obispo



Notes:

Receptor 176 is a multi-family residential complex. Although only one yellow dot representing a moderate impact is shown in this graphic, this dot is intended to represent 21 residential units that would be moderately impacted in the multi-family residential complex.

Source: Appendix J of this EIR

Later Phases. Noise impacts on Category 2 land uses (residences) as a result of the project were assessed by comparing existing and future project-related outdoor noise levels. Figure 3.12-3 illustrates the FTA noise impact criteria as they relate to Category 2 land uses. The criterion for each degree of impact is based on a sliding scale dependent on the existing noise exposure and the increase in noise exposure attributable to the project. Figure 3.12-3 illustrates the cumulative noise impact criteria to be used on the project. Based on FTA criteria, potential noise impacts fall into three types: no impact, moderate impact, and severe impact (FTA 2018).

The results of the rail noise impact assessment for the Later Phases condition are summarized in Table 3.12-9 and the locations are depicted on Figure 3.12-7. Under this condition, the project would introduce new sources of noise where there presently are none, specifically train movements, idling locomotives, the train wash and wheel truing facility. The wheel truing facility and the train wash would not be present in Phase 1, nor would the building that house these components of the CCLF. The new sources of noise would increase noise levels in the analysis area.

As shown in Table 3.12-9, the project would result in no severe impacts and moderate impacts at 44 55 Category 2 land uses (residences). The moderate impacts are predicted at single-family residences north of the project site and at a multi-family apartment building to the south of the project site. Moderate impacts would also occur throughout the neighborhood north of the proposed maintenance facility. The moderate impacts are considered significant. Moderately impacted receptor noise levels are provided in Table 3.12-10. Detailed noise calculation results at all receptors are provided in the Noise and Vibration Technical Report (Appendix J of this EIR). Implementation of Mitigation Measure NV-3, which identifies operational adjustments at the proposed layover facility, would reduce this impact to a level less than significant. In addition, Mitigation Measure NV-4 requires the LOSSAN Rail Corridor Agency or its acoustic consultant to periodically (quarterly) monitor noise levels from operation of the facility to ensure levels are similar to those disclosed in this EIR and *Central Coast Layover Facility Project Noise and Vibration Technical Report* (Appendix J of this EIR). If noise levels exceed the levels disclosed in this EIR and *Central Coast Layover Facility Project Noise and Vibration Technical Report* (Appendix J of this EIR), the LOSSAN Rail Corridor Agency, in consultation with the acoustic consultant, will identify and implement noise reduction measures to meet disclosed noise levels.

Table 3.12-9. Later Phases - Project Operational Noise Conditions

| Impact Type | Number of Category 2 Land Use Impacts |
|-------------|---------------------------------------|
| Severe | 0 |
| Moderate | 44 55 * |
| No impact | 279 268 |

Source: Appendix J of this EIR

Notes:

* See Table 3.12-10 for the noise calculation results at moderately impacted receptors

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Table 3.12-10. Later Phases Operational Noise Impacts

| Receptor | Land Use Category | Units | Existing L _{dn} /L _{eq} | Impact Threshold ¹ | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|------------|-------------------|----------|---|-------------------------------|-------------|--|---|----------------------|-----------------|
| | | | | Moderate | Severe | | | | |
| R18 | 2 | 1 | 49.9 | 5.0 | 10.1 | 54.6 | 55.9 | 6.0 | Moderate |
| <u>R28</u> | <u>2</u> | <u>1</u> | <u>48.0</u> | <u>6.0</u> | <u>11.5</u> | <u>53.1</u> | <u>54.3</u> | <u>6.3</u> | <u>Moderate</u> |
| R29 | 2 | 1 | 47.9 | 6.1 | 11.6 | 53.6 54.2 | 54.6 55.2 | 6.7 7.3 | Moderate |
| <u>R36</u> | <u>2</u> | <u>1</u> | <u>47.1</u> | <u>6.5</u> | <u>12.2</u> | <u>53.2</u> | <u>54.2</u> | <u>7.1</u> | <u>Moderate</u> |
| <u>R41</u> | <u>2</u> | <u>1</u> | <u>45.8</u> | <u>7.3</u> | <u>13.2</u> | <u>52.3</u> | <u>53.2</u> | <u>7.4</u> | <u>Moderate</u> |
| R43 | 2 | 1 | 47.5 | 6.3 | 11.9 | 56.9 57.5 | 57.3 57.9 | 9.8 10.4 | Moderate |
| R44 | 2 | 1 | 47.5 | 6.3 | 11.9 | 57.4 57.8 | 57.5 58.2 | 10.0 10.7 | Moderate |
| R51 | 2 | 1 | 47.0 | 6.6 | 12.3 | 57.4 58.4 | 57.7 58.7 | 10.7 11.7 | Moderate |
| R52 | 2 | 1 | 46.9 | 6.6 | 12.3 | 57.7 58.8 | 58.0 59.1 | 11.1 12.2 | Moderate |
| R53 | 2 | 1 | 46.8 | 6.7 | 12.4 | 57.5 58.7 | 57.8 59.0 | 11.0 12.2 | Moderate |
| R54 | 2 | 1 | 46.6 | 6.8 | 12.6 | 57.4 58.6 | 57.7 58.9 | 11.1 12.3 | Moderate |
| R55 | 2 | 1 | 46.5 | 6.9 | 12.7 | 57.5 58.8 | 57.8 59.1 | 11.3 12.6 | Moderate |
| R56 | 2 | 1 | 46.3 | 7.0 | 12.8 | 57.4 58.5 | 57.5 58.8 | 11.2 12.5 | Moderate |
| R57 | 2 | 1 | 46.2 | 7.0 | 12.9 | 57.2 58.7 | 57.5 58.9 | 11.3 12.7 | Moderate |
| <u>R61</u> | <u>2</u> | <u>1</u> | <u>45.7</u> | <u>7.3</u> | <u>13.3</u> | <u>52.4</u> | <u>53.2</u> | <u>7.5</u> | <u>Moderate</u> |
| <u>R62</u> | <u>2</u> | <u>2</u> | <u>45.8</u> | <u>7.3</u> | <u>13.2</u> | <u>53.0</u> | <u>53.7</u> | <u>7.9</u> | <u>Moderate</u> |
| R65 | 2 | 1 | 45.7 | 7.3 | 13.3 | 53.4 55.3 | 54.1 55.7 | 8.4 10.0 | Moderate |
| <u>R68</u> | <u>2</u> | <u>1</u> | <u>45.1</u> | <u>7.7</u> | <u>13.8</u> | <u>52.7</u> | <u>53.4</u> | <u>8.3</u> | <u>Moderate</u> |

Table 3.12-10. Later Phases Operational Noise Impacts

| Receptor | Land Use Category | Units | Existing L _{dn} /L _{eq} | Impact Threshold ¹ | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|--------------|-------------------|--------------------|---|-------------------------------|-------------|--|---|----------------------------|-----------------|
| | | | | Moderate | Severe | | | | |
| <u>R80</u> | <u>2</u> | <u>1</u> | <u>43.9</u> | <u>8.5</u> | <u>14.8</u> | <u>52.6</u> | <u>53.1</u> | <u>9.2</u> | <u>Moderate</u> |
| <u>R107</u> | <u>2</u> | <u>1</u> | <u>51.2</u> | <u>4.5</u> | <u>9.3</u> | <u>54.0</u> | <u>55.8</u> | <u>4.6</u> | <u>Moderate</u> |
| <u>R110</u> | <u>2</u> | <u>1</u> | <u>50.8</u> | <u>4.6</u> | <u>9.5</u> | <u>53.7</u> | <u>55.5</u> | <u>4.7</u> | <u>Moderate</u> |
| <u>R125</u> | <u>2</u> | <u>1</u> | <u>41.5</u> | <u>10.0</u> | <u>15.0</u> | <u>51.2</u> | <u>51.6</u> | <u>10.1</u> | <u>Moderate</u> |
| <u>R126</u> | <u>2</u> | <u>1</u> | <u>41.9</u> | <u>10.0</u> | <u>15.0</u> | <u>51.9</u> | <u>52.3</u> | <u>10.4</u> | <u>Moderate</u> |
| R170 | 2 | 8 | 49.0 | 5.5 | 10.7 | 55.5 <u>55.6</u> | 56.4 <u>56.5</u> | 7.4 <u>7.5</u> | Moderate |
| R176 | 2 | 21 | 52.2 | 4.1 | 8.6 | 58.5 <u>59.9</u> | 59.4 <u>60.5</u> | 7.2 <u>8.3</u> | Moderate |
| R198 | 2 | 1 | 46.2 | 7.0 | 12.9 | 54.4 <u>56.7</u> | 55.0 <u>57.1</u> | 8.8 <u>10.9</u> | Moderate |
| R200 | 2 | 1 | 46.2 | 7.0 | 12.9 | 55.2 <u>57.6</u> | 55.7 <u>57.9</u> | 9.5 <u>11.7</u> | Moderate |
| R201 | 2 | 1 | 46.2 | 7.0 | 12.9 | 55.4 <u>57.0</u> | 55.9 <u>57.4</u> | 9.7 <u>11.2</u> | Moderate |
| TOTAL | -- | <u>4455</u> | -- | -- | -- | -- | -- | -- | -- |

Source: Appendix J of this EIR

Notes:

1 – Based on FTA's Transit Noise and Vibration Impact Assessment Manual (FTA 2018). Noise impacts on Category 2 land uses (residences) as a result of the project were assessed by comparing existing and future project-related outdoor noise levels. Figure 3.12-3 illustrates the FTA noise impact criteria as they relate to Category 2 land uses. The criterion for each degree of impact is based on a sliding scale dependent on the existing noise exposure and the increase in noise exposure attributable to the project. Figure 3.12-3 illustrates the cumulative noise impact criteria to be used on the project.

Figure 3.12-7. Later Phases Operational Noise Impacts

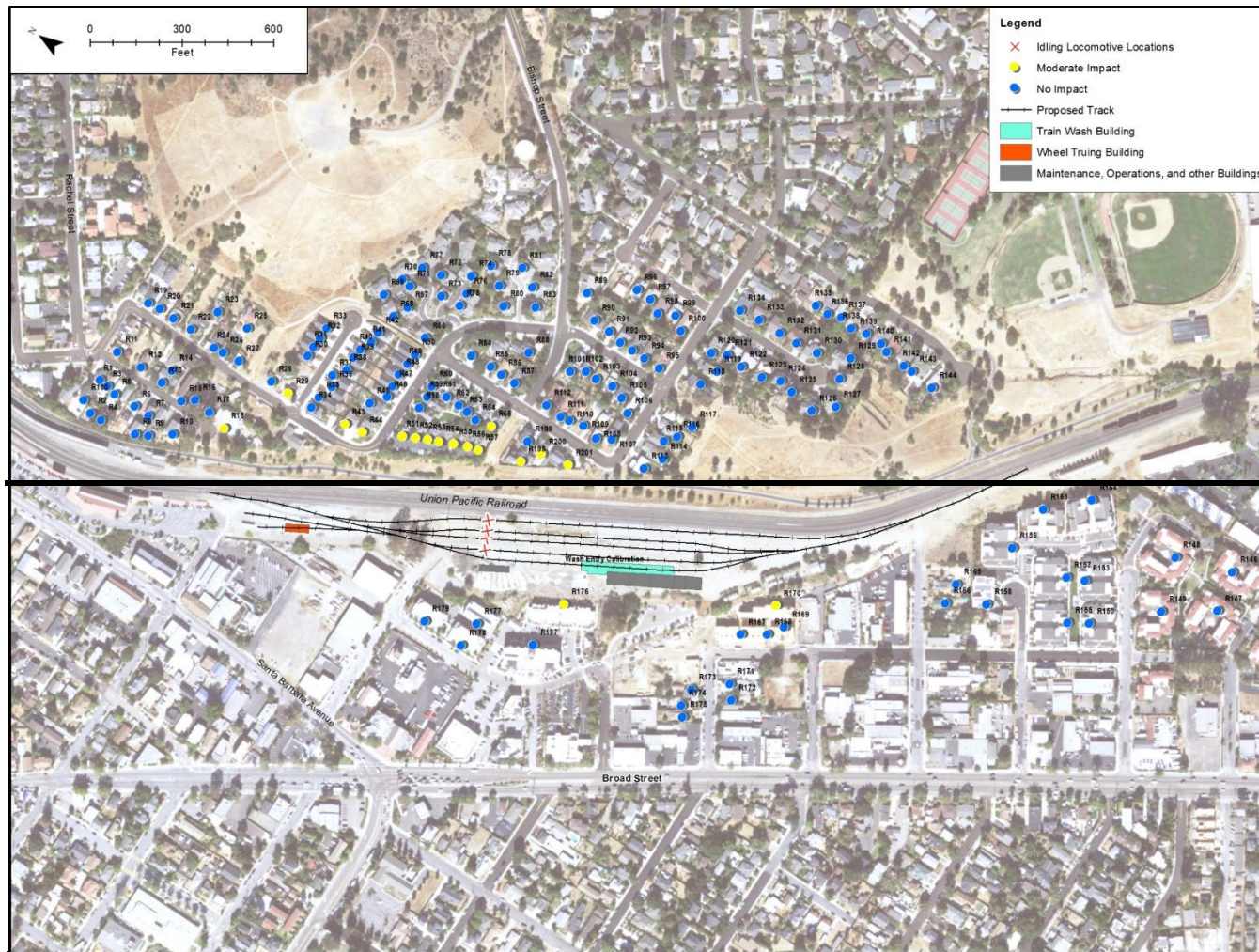


Source: Appendix J of this EIR

Notes:

Receptor 176 is a multi-family residential complex. Although only one yellow dot representing a moderate impact is shown in this graphic, this dot is intended to represent 21 residential units that would be moderately impacted in the multi-family residential complex. Receptor 170 is a multi-family residential complex. Although only one yellow dot representing a moderate impact is shown in this graphic, this dot is intended to represent 8 residential units that would be moderately impacted in the multi-family residential complex.

3.12 Noise (Annotated)
Recirculated Draft EIR | Central Coast Layover Facility – San Luis Obispo



Source: Appendix J of this EIR

Notes:

Receptor 176 is a multi-family residential complex. Although only one yellow dot representing a moderate impact is shown in this graphic, this dot is intended to represent 21 residential units that would be moderately impacted in the multi-family residential complex. Receptor 170 is a multi-family residential complex. Although only one yellow dot representing a moderate impact is shown in this graphic, this dot is intended to represent 8 residential units that would be moderately impacted in the multi-family residential complex.



3.12.4 Mitigation Measures

NV-1 Employ Noise-Reducing Measures During Construction. The construction contractor shall employ measures to minimize and reduce construction noise. Noise reduction measures that will be implemented include, but are not limited to, the following:

- Place site equipment on the construction site as far away from noise sensitive sites as possible.
- Combine noisy operations to have them occur in the same time period.
 - The total noise level produced would not be significantly greater than the level produced if the operations were performed separately.
- Construction activity will be limited to daytime only between the hours of 7:00 a.m. and 7:00 p.m. (no ~~N~~ighttime construction activity will ~~not~~ be allowed).
- Use specially quieted equipment, such as quieted and enclosed air compressors and properly working mufflers on all engines.
- Select quieter demolition methods, where feasible.

NV-2 Prepare a Community Notification Plan for Project Construction. To proactively address community concerns related to construction noise, prior to construction, the LOSSAN Rail Corridor Agency and/or the construction contractor will prepare and maintain a community notification plan. Components of the plan will include initial information packets prepared and mailed to all residences within a 500-foot radius of project construction. Updates to the plan will be prepared as necessary to indicate changes to the construction schedule or other processes. The LOSSAN Rail Corridor Agency will identify a project liaison to be available to respond to questions from the community or other interested groups.

NV-3 Operational Restrictions. The LOSSAN Rail Corridor Agency is committed to developing the facility operational plan with the following:

Phase 1:

- **Arriving Trains.** Connect to ground power within ~~45~~30-minutes of arrival at the facility to ~~reduce noise from idling locomotives.~~
- **Departing Trains.** Disconnect from ground power no sooner than ~~45~~50-minutes prior to ~~departure~~ ~~reduce noise from idling locomotives.~~

Buildout Phase:

- **Arriving Trains:** Connect to ground power for daytime arrivals (7:00 a.m. to 10:00 p.m.) within 30 minutes of arrival.
Connect to ground power for one nighttime arrival (10:00 p.m. to 7:00 a.m.) within 25 minutes of arrival.
- **Departing Trains:** Disconnect from ground power no sooner than 45 minutes prior to departure.

Later Phases:

Under the later phases of the project, trains will access storage tracks using the following approach:

- The first train of each day accessing the CCLF would use the easternmost storage track and would not use the train wash. Having the train stored on this track acts as a noise barrier reducing sound levels at sensitive land uses east of the storage facility.
- The second train of each day accessing the CCLF will use the westernmost storage track (i.e., next to the service and inspection track) and will not use the train wash. Having the train stored on this track acts as a noise barrier reducing sound levels at sensitive land uses west of the storage facility.
- The third train each day accessing the CCLF will go through the wash and then access the storage tracks between the easternmost and westernmost storage tracks.
- The fourth train each day accessing the CCLF will go through the wash and then layover on the service and inspection track. In this way it will act as a barrier blocking noise from other train movements and noise sources reducing sound levels at sensitive land uses east of the storage facility.

NV-4 Noise Monitoring Program. Prior to construction (any ground-disturbing activities), the LOSSAN Rail Corridor Agency shall prepare a noise monitoring program. The noise-monitoring program will describe how during construction the contractor will monitor construction noise daily during daytime limits. If complaints are received, complaints will be resolved via construction noise monitoring, where applicable.

The noise monitoring program will also describe how during operation, the LOSSAN Rail Corridor Agency or its acoustic consultant (to be retained by the LOSSAN Rail Corridor Agency) will periodically (quarterly) monitor noise levels from operation of the facility to ensure levels are similar to those disclosed in this EIR and *Central Coast Layover Facility Project Noise and Vibration Technical Report* (Appendix J of this EIR). If noise levels

exceed the levels disclosed in this EIR and *Central Coast Layover Facility Project Noise and Vibration* Technical Report (Appendix J of this EIR), the LOSSAN Rail Corridor Agency, in consultation with the acoustic consultant, will identify and implement noise reduction measures to meet disclosed noise levels.

3.12.5 Level of Significance after Mitigation

Implementation of Mitigation Measures NV-1 through NV-~~3~~4 would reduce the proposed project's noise impacts to a level less than significant.

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3.13 Transportation (Annotated)

Under State CEQA Guidelines Section 15088.5(c), if a revision to an EIR is limited to a few chapters or portions of the EIR, only the chapters or portions that have been modified need to be recirculated. Consistent with CEQA Guidelines Section 15088.5(c), this Recirculated Draft EIR contains only the portions of the Draft EIR (November 2021) that have been modified. This section has been annotated and only shows the portions that have been updated as indicated in ~~strikeout~~ (for text deletions) and underline (for text additions).

This section has been updated to include clarifications regarding the proposed bike path and additional details demonstrating how the proposed project complies with the City's General Plan Circulation Element.

3.13.3 Project Impacts

Impact Analysis

Impact 3.13-1 Conflict with a Program, Plan, or Ordinance, or Policy Addressing the Circulation System

Would the proposed project conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

Roadway Network

In response to the City of San Luis Obispo's comment letter on the Draft EIR (November 2021), the following is an evaluation of the proposed project's potential impact on the Bishop Street Extension Project, which is identified as a planned capital improvement project identified in the City's General Plan Circulation Element and is located within the proposed project's footprint.

Bishop Street Extension Capital Improvement Project. Table 5 (Transportation Capital Projects) of the City's General Plan Circulation Element (City of San Luis Obispo 2017) identifies the proposed Bishop Street Extension, which is located within the project footprint. The capital improvement project would extend Bishop Street over the Union Pacific (UP) railroad tracks. Based on roadway geometric design criteria for a 25-mph roadway, the high vertical clearance required over the existing UP railroad tracks is expected to constrain the roadway profile of any future overcrossing, and the roadway profile is not likely to tie back into existing grade until approximately Santa Barbara Street to the west. Because the project site is at a lower elevation than the UP tracks, it is not anticipated and nor is it likely that the proposed tracks would have a significant impact on the ultimate profile of roadway overcrossing. No proposed structures are included on portions of the project site that are approximately aligned with Roundhouse Avenue/Bishop Street and Francis Street. This preserves space for foundations for a future pedestrian overpass. Therefore, the proposed project would not preclude the Bishop Street roadway extension and would not conflict with the City's General Plan Circulation Element.

Bicycle Facilities

Construction. During construction, potential temporary impacts may occur to existing bicycle lanes along roadways adjacent to the project site, such as Roundhouse Street and Francis Street, due to lane closures or detours. Implementation of a TMP would reduce potential temporary impacts on

bicycle facilities to a level less than significant. During planned closures, traffic will be re-routed to adjacent streets via clearly marked detours and notice will be provided in advance to applicable parties. During planned closures, bicycle traffic will be re-routed to adjacent streets and/or sidewalks via clearly marked detours and notice will be given in advance to parties who are expected to need bicycle access during construction. The TMP would address maintenance of access to bicycle facilities during the construction period.

Operations. After the completion of the project, the proposed project would not impact bicycle access along roadways adjacent to the project site. The proposed layover facility, tracks, and buildings would be located within existing railroad ROW.

As described in 3.13.1, the existing railroad corridor provides a physical division of the low- and medium-density residences and recreational uses on the east with commercial and service and manufacturing businesses on the west. The Jennifer Street Bridge located north of the project site provides safe and protected access for bicyclists and pedestrians to cross the railroad ROW. Even with the Jennifer Street Bridge, bicyclists and pedestrians cross the railroad ROW at unapproved and unprotected locations to get from the east side to west side, and vice versa. With implementation of the proposed project, bicyclists and pedestrians would be deterred from traversing the railroad corridor because the project site would be fenced off on the west side.

As shown on Figure 3.13-2-1 future bicycle facilities, as identified in the City's Active Transportation Plan, are proposed within the project site and vicinity. The proposed project includes the construction of a new segment of Class I bike trail, from approximately McMillan Avenue to the Amtrak Station, to connect existing Class I, II, and III segments of the Railroad Safety Trail. This portion is approximately 0.84 miles of new Class I trail. Should project conditions, land use, and ROW alignments allow, the proposed project would construct a portion of the new segment of Class I bike trail, from approximately High Street to Francis Street. The right-of-way acquisition proposed for this project is from the UPRR-owned property at the project site. The trail construction proposed by the LOSSAN Rail Corridor Agency would remain within this property. No additional private property acquisition is proposed by the LOSSAN Rail Corridor Agency to support a full-width trail in this area.

In response to the City of San Luis Obispo's comment letter on the Draft EIR (November 2021), the following provides clarifications to the proposed Class I bike path characteristics and design.

Completion of a Class I bike facility for the entire extent of the project limits is not feasible due to right-of-way constraints at the south end of the site. Figure 3.13-2 (Cross Section E) illustrates the existing limits (or feasibility constraints) of constructing a Class I bike facility at the southern extent of the project site. There are several property (i.e., right-of-way, private property) constraints in the southern alignment of the future bike path, as these adjacent properties are under separate ownership. Specifically, at the south end of the project site, an approximately 60'-70' segment of trail is located in an area of constrained space where the maximum feasible width of the path is an 8' paved section, including any shoulders. In this configuration, classification of the trail in this short area does not meet the standards for a two-way bike path. Signage indicating the restricted width and the need to dismount and walk bicycles would be recommended to be installed in advance of this narrow section to warn users of the condition. Appropriate length transition sections would need to be designed on either side of this segment to taper down to the 8' section width. This reduced width segment would still provide north-south connectivity along the edge of the site, providing an authorized path of travel. This configuration does not preclude future widening of the trail if the City obtains right of-way adjacent to the project site. Portions within the Phase 1 footprint extend from High Street south to the end of the Phase 1 improvements, approximately half-way between Roundhouse Avenue and Francis Street.

Timing of other portions would depend on the timing of future phases of the project, subject to funding availability and demand. Therefore, the project does not preclude the possibility of a future city-led project for construction of a path on the portion adjacent to the CCLF project.

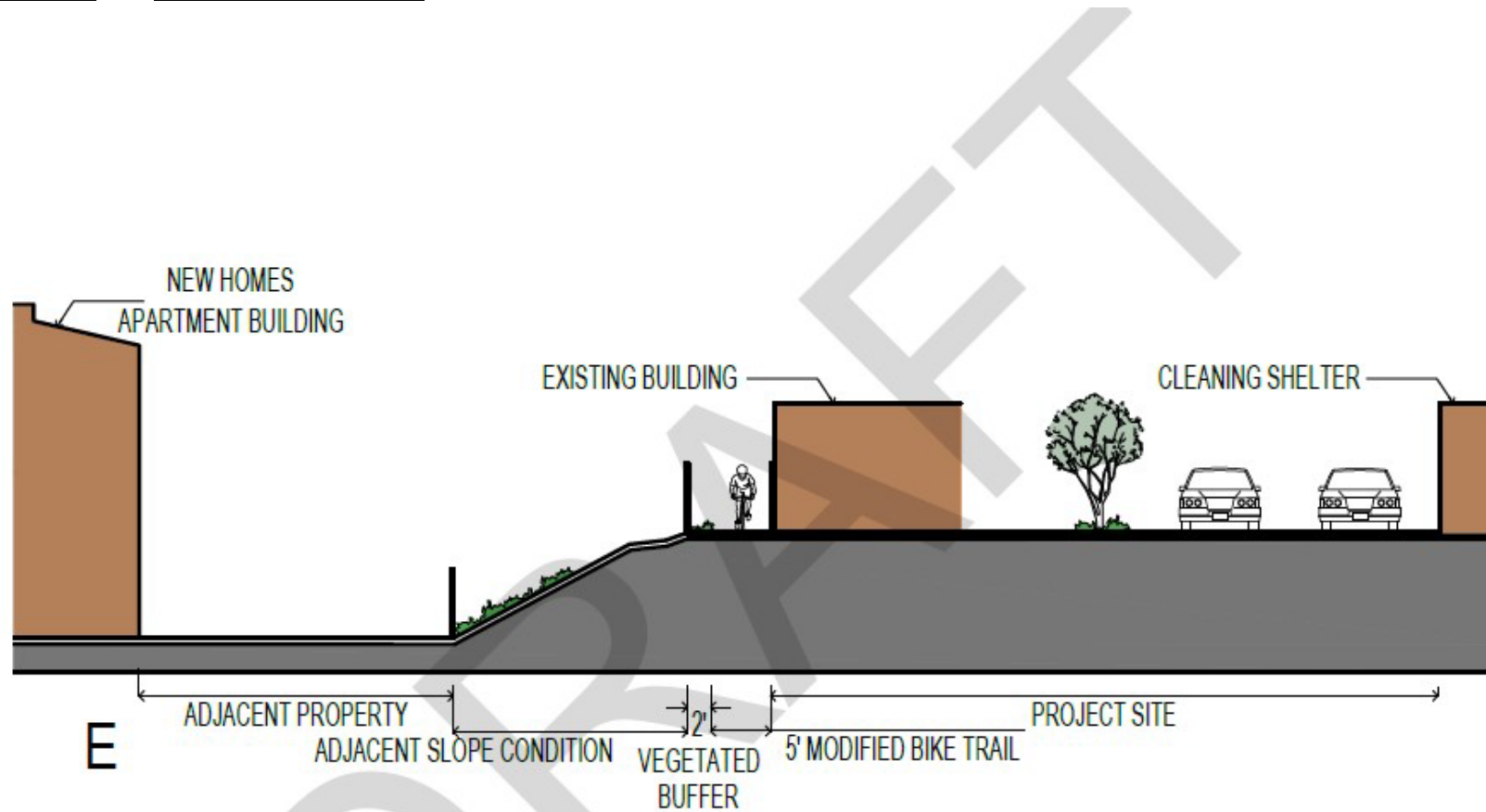
A Class II segment is proposed along Roundhouse Street, which would then cross the railroad ROW via a proposed grade separated crossing (labeled I-46 on ~~Figure 3.13-1~~ ~~Figure 3.13-2~~), and then continue along Bishop Street. A Class I segment is proposed to connect the existing Class III segment on Francis Avenue across the railroad ROW to the Railroad Safety Trail. The LOSSAN Rail Corridor Agency has conducted a preliminary review of the Francis Street connection as shown in the South Broad Street Area Plan and has determined that the proposed project would not preclude this crossing in the future because the foundations for the pedestrian bridge as shown in the plan are outside the project footprint. Further south, a grade separated crossing (labeled I-4 on ~~Figure 3.13-2~~ ~~Figure 3.13-1~~) is proposed east of Lawrence Drive. The proposed project would not preclude implementation of future bicycle facilities and grade separated crossings identified above. Therefore, long-term impacts are considered less than significant.

Figure 3.13-21. Proposed Bicycle Facilities



Note: Figure produced by HDR utilizing the City of San Luis Obispo's Active Transportation Plan Project Viewer
<https://slocity.maps.arcgis.com/apps/webappviewer/index.html?id=d0c9ddaa42a444bda8d5940e05891eb7>

Figure 3.13-2. Cross Section E



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3.13.4 Mitigation Measures

Implementation of the proposed project would not result in significant impacts on transportation. Therefore, no mitigation measures are required.

3.13.5 Level of Significance after Mitigation

No significant impacts on transportation have been identified.

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4 Other CEQA Considerations (Annotated)

Under State CEQA Guidelines Section 15088.5(c), if a revision to an EIR is limited to a few chapters or portions of the EIR, only the chapters or portions that have been modified need to be recirculated. Consistent with CEQA Guidelines Section 15088.5(c), this Recirculated Draft EIR contains only the portions of the Draft EIR (November 2021) that have been modified. This section has been annotated and only shows the portions that have been updated as indicated in ~~strikeout~~ (for text deletions) and underline (for text additions).

Based on the updates to Section 3.5, Cultural Resources, this chapter has been updated to reflect the project's significant and unavoidable (unmitigated) impacts with regards to cultural resources.

4.3 Significant and Unavoidable Environmental Impacts

In accordance with CEQA Guidelines Section 15126(b), EIRs must include a discussion of significant environmental effects that cannot be avoided if the proposed project is implemented. The impact analysis, as detailed in Chapter 3 of this EIR, concludes that the proposed project would result in no significant and unavoidable impacts related to cultural resources (known historical and archaeological resources) were identified. Where significant impacts have been identified, mitigation measures are proposed, that when implemented, would reduce the impact level to less than significant.

4.3.1 Known Historical Resources

As discussed in Section 3.5, only a remnant of the original turntable foundation exists and/or was damaged, likely associated with previous roundhouse demolition. The turntable pit has been completely filled in, but the outline is still visible on the surface. All that remains of the original roundhouse are the degraded concrete foundations and a portion of the housing for the turntable. The proposed project will implement Mitigation Measure CUL-1, which would require archival documentation of the district and educational installations displaying historical photographs, maps, and narrative text documenting the history of the Southern Pacific Rail Yard. As noted, a more conservative approach on the impact determination has been made to consider the Southern Pacific Roundhouse and Rail Yard Site as a contributing element to the San Luis Obispo Southern Pacific Railroad NRHP Historic District. Therefore, the proposed project would result in a significant and unavoidable impact to the San Luis Obispo Southern Pacific Railroad NRHP Historic District.

The proposed project would result in a significant impact on the following historical resources:

- Southern Pacific Roundhouse and Rail Yard Site
- San Luis Obispo Southern Pacific Railroad NRHP Historic District
- City of San Luis Obispo Local Railroad Historic District

Southern Pacific Roundhouse and Rail Yard Site. The Southern Pacific Roundhouse and Rail Yard Site is a historic archaeological site that represents the remnant features of the historic Southern Pacific rail yard in San Luis Obispo. Two of its components (the roundhouse and turntable foundations) were determined eligible for the NRHP under Criteria A and C as a contributing element of the railroad historic district at the local level of significance. Due to its NRHP eligible status, this

site is automatically listed in the CRHR and is eligible under CRHR. The previously recorded and evaluated roundhouse/turntable site was expanded as a result of fieldwork undertaken for the cultural resources study for the proposed project to incorporate 16 additional features (all of which are concrete foundations/pads). The 16 additional features are also recommended eligible for the CRHR. Implementation of the project will involve site grading and would include the removal of the remnant isolated concrete foundations (Figure 3.5-2), with the exception of a portion of the roundhouse foundation, in order to properly stabilize the site soils to accommodate the proposed project. Because these foundations are scattered throughout the site, avoidance is not feasible. Maintaining these concrete foundations in place is not feasible as project components would be constructed over these features, which would jeopardize the integrity of the supporting soils.

The proposed project would avoid impacts to the roundhouse foundation to the extent feasible and will preserve the visible portions of the roundhouse as incorporated into the Roundhouse Protected Zone of the project site plan. In addition to avoidance, an educational display and accommodating public viewing will be created at the roundhouse foundation location which will facilitate public viewing and an understanding of the historical railroad setting of the area (see Draft EIR Mitigation Measure CUL-1). However, because impacts to the 16 additional features which are recommended as eligible for the CRHR (all of which are concrete foundations/pads) and are considered contributing features to the Southern Pacific Roundhouse and Rail Yard, and portions of the Roundhouse foundation are unavoidable, the impact to the Southern Pacific Rail Yard would be significant and unavoidable. No other feasible mitigation measures have been identified.

San Luis Obispo Southern Pacific Railroad NRHP Historic District. As discussed above, the Southern Pacific Roundhouse and Rail Yard Site is a contributing element to the San Luis Obispo Southern Pacific Railroad NRHP Historic District. The proposed project would result in a significant and unavoidable impact to the San Luis Obispo Southern Pacific Railroad NRHP Historic District.

City of San Luis Obispo Local Railroad Historic District. As discussed above, the Southern Pacific Roundhouse and Rail Yard Site is a contributing element to the City of San Luis Obispo Local Railroad Historic District. The proposed project would result in a significant and unavoidable impact to the City of San Luis Obispo Local Railroad Historic District.

4.3.2 Known Archaeological Resources

The Southern Pacific Roundhouse and Rail Yard Site is considered a historic archaeological resource. As discussed above, even with implementation of Mitigation Measure CUL-1 and avoidance of the roundhouse foundation to the extent feasible, portions of the Roundhouse foundation are unavoidable and the impact to the Southern Pacific Roundhouse and Rail Yard Site would be significant and unavoidable.

5 Cumulative Impacts (Annotated)

Under State CEQA Guidelines Section 15088.5(c), if a revision to an EIR is limited to a few chapters or portions of the EIR, only the chapters or portions that have been modified need to be recirculated. Consistent with CEQA Guidelines Section 15088.5(c), this Recirculated Draft EIR contains only the portions of the Draft EIR (November 2021) that have been modified. This section has been annotated and only shows the portions that have been updated as indicated in ~~strikeout~~ (for text deletions) and underline (for text additions).

The evaluation of cumulative impacts related to aesthetics, air quality, cultural resources, GHG, land use and planning, noise, and transportation have been revised to reflect the revised analysis provided in Section 3.2 Aesthetics, Section 3.3 Air Quality, Section 3.5 Cultural Resources, Section 3.8 Greenhouse Gas Emissions, Section 3.11 Land Use and Planning, 3.12 Noise, and Section 3.13 Transportation.

5.3.1 Aesthetics

As described in Section 3.2, Aesthetics, the project site is not designated as a scenic vista by the City of San Luis Obispo and there are no designated scenic highways within the project site or immediate vicinity. Therefore, the project in combination with other cumulative projects, would not result in a cumulatively considerable impact as it relates to scenic vistas and highways.

Degradation of Visual Character or Quality

As discussed in Section 3.2, Aesthetics, implementation of the proposed project would represent a change in visual character of the existing project site from relatively undeveloped land to a layover facility with a new rail yard, storage and servicing tracks, operations and maintenance buildings, landscape improvements, and safety and security features. Although the LOSSAN Rail Corridor Agency is not subject to local planning regulations such as the city's General Plan or municipal code, the proposed buildings and site improvements will be designed to be compatible with the surrounding built environment and be consistent with guidance set forth in the City of San Luis Obispo's Railroad District Plan and City of San Luis Obispo Community Design Guidelines. With respect to proposed architectural styles, the LOSSAN Rail Corridor Agency has worked with the City of San Luis Obispo and has incorporated the City's input received during the CCLF Master Plan process into the conceptual architectural design guidelines for the proposed project. By incorporating the City's recommendations into the Master Plan architectural guidelines, project buildings will be architecturally compatible with the City's Railroad District Plan architectural guidelines. As specifically reflected in the Master Plan, buildings will be designed to be compatible with the surrounding built environment and will be consistent with architectural guidance set forth in the City of San Luis Obispo's Railroad District Plan. Furthermore, during the design phase at the 65% and 95% milestones, the City will be afforded an opportunity to provide input on the proposed buildings and site improvements within 30-days of receipt of said design information. Recommendations provided by the City will, where practicable (and at the LOSSAN Rail Corridor Agency's sole discretion) be incorporated into the design. The City will be responsible for engaging its appropriate committee or commission to provide proper input on the materials provided. If additional time is required beyond 30-days for the appropriate committee or commission to provide input, additional time can be provided at the LOSSAN Rail Corridor Agency's sole discretion, taking feasibility, among

other things, into account. Where incorporating recommendations from the City is not practicable, the LOSSAN Rail Corridor Agency will provide written responses along with the reason(s) that the recommendation could not be accommodated.

The other cumulative projects are subject to local planning regulations. The cumulative projects would be required to adhere to the design standards of the city's General Plan, Community Design Guidelines, and Building Standards and would be subject to discretionary review by the Community Development Director, Architectural Review Commission, and Planning Commission. Through the discretionary review process, new development would be designed to be visually compatible with existing development. Based on these considerations, the proposed project in conjunction with other projects considered in Table 5-2 in the project vicinity, would not result in cumulatively considerable visual impacts.

Nighttime Light and Glare

As discussed in Section 3.2, Aesthetics, construction of the project would not include nighttime construction activities (primarily due to construction noise restrictions on work hours) and is not reasonably foreseeable as part of the project. The proposed project will be constructed off (separate) from the existing mainline track; therefore, there would be no need for nighttime closures of railroad tracks for project construction as the existing railroad operations will not be affected during construction. Nonetheless, as a courtesy to the City, construction hours will be limited to those hours allowed by the City's Noise Ordinance, daily, from 7:00 a.m. to 7:00 p.m. except Sundays and legal holidays. Therefore, the proposed project would not create a new source of substantial light which would adversely affect day or nighttime views in the area during construction. The proposed project would introduce new exterior lighting on the project site. The addition of new light sources from the project is not anticipated to add a substantial amount of new light to the nighttime views. The nighttime lighting fixtures would be installed to direct the majority of the light to within and directly adjacent to the facility, and away from sensitive areas, to the maximum extent feasible. Exterior lighting control would be set up by time clock (scheduled on/off) and luminaire-installed occupancy sensors. Occupancy sensors would drop the lighting levels to 25 percent after not detecting any activity for 10 minutes. The lighting on the pedestrian trail and bike path will be required to comply with the design standards in the City of San Luis Obispo's Bicycle Transportation Plan. Trail light fixtures will conform to the Railroad District Plan's pedestrian lighting standard. Other cumulative projects will be required to comply with Section 17.70.100 – Lighting and Night Sky Preservation, of the city's Municipal Code to minimize light spillover and to preserve the night sky. By preventing light spillover through compliance with the City's regulations, future development would minimize contributions to additional skyglow. Therefore, the proposed project in conjunction with other projects considered in Table 5-2, would not result in a cumulatively considerable light impact.

5.3.2 Air Quality

Cumulative impacts can result from individually minor but collectively significant projects taking place over a period of time. The region of analysis for cumulative effects on air quality is the Basin. The Basin experiences chronic exceedances of state and federal ambient air quality standards because of past and present projects and is subject to continued nonattainment status by reasonably foreseeable future projects. These nonattainment conditions within the region are considered cumulatively significant. The SLOAPCD has prepared, and periodically updates, the County's regional *Clean Air Plan* that sets forth a comprehensive and integrated program that will lead the Basin into compliance with the federal and State air quality standards.

As discussed in Section 3.3, Air Quality, the proposed project would be consistent with the *Clean Air Plan*, which is intended to bring the Basin into attainment for criteria pollutants. San Luis Obispo County is in nonattainment for ozone (1-hour Classification and 8-hour standard) and PM₁₀ with respect to the California Ambient Air Quality Standards. Although the proposed project's calculated emissions would not result in an exceedance of SLOAPCD significance thresholds, the proposed project would be required to comply with SLOAPCD's measures for dust control (Mitigation Measure AQ-3). Per SLOAPCD rules and mandates, as well as the CEQA requirement that significant impacts be mitigated to the extent feasible, these same requirements (i.e., implementation of all feasible mitigation measures and compliance with adopted *Clean Air Plan* emissions control measures) would also be imposed on all projects Basin-wide, which would include all nearby projects. As shown in Figure 5-1, there are cumulative projects within 500 feet of the project site that are currently under construction (The Junction, The Yard, and Victoria Crossing). It is anticipated that these projects would be fully constructed before the start of construction of the proposed project (as early as April 2024). The HASLO Victoria Mixed Use Project is located within 500 feet of the project site is currently under planning review. If approved by the City of San Luis Obispo, there is a potential that the project could be constructed during the same timeframe as the proposed project. However, the HASLO Victoria Mixed Use Project would be required to implement all feasible mitigation measures and comply with adopted *Clean Air Plan* emissions control measures to reduce criteria air pollutant emissions. For these reasons identified above, project emissions would not be cumulatively considerable.

5.3.4 Cultural Resources

Historical and Archeological Resources

As discussed further in Section 3.5 Cultural Resources, project-related ground disturbing activities includes the construction of new storage tracks, a rail car wash, several operations and maintenance buildings, and parking areas, which has the potential to result in significant adverse impacts to the following identified historical resources:

- Southern Pacific Roundhouse and Rail Yard Site
- San Luis Obispo Southern Pacific Railroad NRHP Historic District
- City of San Luis Obispo Local Railroad Historic District

Even with implementation of Mitigation Measure CUL-1 and avoidance of the roundhouse foundation to the extent feasible, portions of the Roundhouse foundation are unavoidable and the impact to the Southern Pacific Roundhouse and Rail Yard Site would be significant and unavoidable. Furthermore, the Southern Pacific Roundhouse and Rail Yard Site is a contributing element to the San Luis Obispo Southern Pacific Railroad NRHP Historic District and City of San Luis Obispo Local Railroad Historic District. Therefore, the proposed project would result in a significant and unavoidable impact to the San Luis Obispo Southern Pacific Railroad NRHP Historic District and City of San Luis Obispo Local Railroad Historic District. This is considered a cumulatively considerable impact. ~~This is a potentially significant impact in the absence of mitigation. Mitigation Measure CUL-1 would reduce potential impacts to these resources by requiring archival documentation of these known resources and preparation of educational installations displaying historical photographs, maps, and narrative text demonstrating the history of rail yard operations and the corresponding impact would not be cumulatively considerable.~~

Project related construction would not directly impact cultural resources located outside of the project site. Therefore, it is unlikely that intact subsurface deposits would be encountered during construction and no additional cultural resource management measures are recommended outside of the project site. In this context, the project in combination with other cumulative projects, would not contribute to cumulatively considerable impacts to historic-era cultural resources.

Previously Unidentified Archaeological Resources

One historic archaeological resource (Southern Pacific Roundhouse and Rail Yard Site) was identified within the project site as a result of the records search, archival research, and field survey. As discussed above, even with implementation of Mitigation Measure CUL-1 and avoidance of the roundhouse foundation to the extent feasible, portions of the Roundhouse foundation are unavoidable and the impact to the Southern Pacific Roundhouse and Rail Yard Site would be significant and unavoidable. This is considered a cumulatively considerable impact. However, implementation of the plan for the Roundhouse Protected Zone, in concert with Mitigation Measure CUL-1, would reduce impacts to a level less than significant.

Implementation of the project will involve grading and ground disturbance within the project footprint. However, the potential for previously unrecorded archaeological resources that are prehistoric in nature is considered low due to the extensive historic disturbance of the project site from construction of the railroad and rail yard. Furthermore, the project site is not within a burial sensitivity area according to the City's General Plan Conservation and Open Space Element. Notwithstanding these circumstances, the project would continue to carry the potential to encounter previously, undocumented archaeological resources. Mitigation Measure CUL-2 would reduce potential impacts to undiscovered resources to a less than significant level by requiring proper treatment of unanticipated archaeological discoveries. Other cumulative projects would be required to implement mitigation to minimize impacts on cultural resources consistent with federal, state, and local laws and therefore, past and reasonably foreseeable projects would not result in a cumulatively significant impact.

5.3.7 Greenhouse Gas Emissions

The geographic scope for related projects considered in the cumulative impact analysis for GHG emissions is global because the impacts of climate change are experienced on a global scale regardless of the location of GHG emission sources. Therefore, GHG emissions and climate change are, by definition, cumulative impacts. The adverse environmental impacts of cumulative GHG emissions are already occurring. They include sea level rise, increased average temperatures, more drought years, more and larger forest fires. As such, cumulative impacts related to GHG emissions are significant.

CEQA requires that projects be evaluated to ascertain whether a project's contribution towards climate change, in terms of GHG emissions, is cumulatively considerable. As discussed in Section 3.8, Greenhouse Gas Emissions, project GHG emissions would not exceed the efficiency thresholds of 0.7 MT CO_{2e} per employee per year set by the City's 2020 CAP. Implementation of Mitigation Measures GHG-1 (Install Solar Panels to Off-set At Least Forty Percent of CCLF Project Build-out Electricity Demand), GHG-2 (Renewable Diesel for Locomotives), and GHG-3 (Purchase of GHG Emissions Offsets) would achieve GHG reductions, so the GHG emission levels at full buildout would be below the 0.7 MT CO_{2e} efficiency threshold. With implementation of Mitigation Measures GHG-1 through GHG-3, the project's GHG emissions would be less than significant and the

proposed project would therefore be considered consistent with the City's 2020 CAP and SB 32. As such, proposed project GHG emissions would not be cumulatively considerable.

5.3.10 Land Use and Planning

Plan Consistency

As discussed in Section 3.11, Land Use and Planning, the proposed project is consistent with applicable state and regional plans, policies, and regulations. Although the LOSSAN Rail Corridor Agency is not subject to local planning regulations such as the city's General Plan or municipal code, the proposed buildings and site improvements will be designed to be compatible with the surrounding built environment and be consistent with guidance set forth in the City of San Luis Obispo's Railroad District Plan and City of San Luis Obispo Community Design Guidelines. With respect to proposed architectural styles, the LOSSAN Rail Corridor Agency has coordinated with the City of San Luis Obispo and has incorporated the City's input received during the CCLF Master Plan process into the conceptual architectural design guidelines for the proposed project. By incorporating the City's recommendations into the CCLF Master Plan architectural guidelines, project buildings will be architecturally compatible with the City's Railroad District Plan architectural guidelines. As specifically reflected in the CCLF Master Plan, buildings will be designed to be compatible with the surrounding built environment and will be consistent with architectural guidance set forth in the City of San Luis Obispo's Railroad District Plan. Furthermore, during the design phase at the 65% and 95% milestones, the City will be afforded an opportunity to provide input on the proposed buildings and site improvements within 30-days of receipt of said design information. Recommendations provided by the City will, where practicable (and at the LOSSAN Rail Corridor Agency's sole discretion) be incorporated into the design. The City will be responsible for engaging its appropriate committee or commission to provide proper input on the materials provided. If additional time is required beyond 30-days for the appropriate committee or commission to provide input, additional time can be provided at the LOSSAN Rail Corridor Agency's sole discretion, taking feasibility, among other things, into account. Where incorporating recommendations from the City is not practicable, the LOSSAN Rail Corridor Agency will provide written responses along with the reason(s) that the recommendation could not be accommodated. Other cumulative projects would be subject to comply with jurisdictional requirements and/or apply for amendments or variances as needed to ensure project consistency with jurisdictional requirements and plans. Based on this cumulative context, the project in conjunction with other cumulative projects would not be cumulatively considerable.

5.3.11 Noise

Noise Effects

As discussed in Section 3.12, Noise, construction noise would exceed the FTA guideline of 80 dBA L_{eq} during Phase 1b (Utility Relocations) and Phase 1f (construction of the S&I Position, gage pit with canopy). Exceedances of the FTA daytime guideline would occur at 3 receptors and is considered a significant impact. With implementation of Mitigation Measures NV-1 and NV-2, which includes noise-reducing measures (siting construction equipment as far away from sensitive receptors, combining noise operations in the same time period, and using specially quieted equipment) and preparing a community notification plan, construction noise levels would be maintained below the FTA guideline and impacts would be reduced to a less than significant level. In addition, Mitigation Measure NV-4 requires the LOSSAN Rail Corridor Agency to prepare a noise

monitoring program, which will describe how during construction the contractor will monitor construction noise daily during daytime limits. If complaints are received, complaints will be resolved via construction noise monitoring, where applicable.

The project would introduce new sources of noise where there presently are none, specifically from train movements on two tracks, idling locomotives, and the train wash and wheel truing facility. The new sources of noise would increase noise levels in the analysis area and moderate impacts would occur throughout the neighborhood north of the proposed layover facility in part because of idling trains. This moderate impact is considered significant; therefore, Mitigation Measure NV-3 will be implemented to reduce impacts to less than significant levels by identifying operational restrictions and approaches to reduce the noise that will be produced by the layover facility. In addition, Mitigation Measure NV-4 requires the LOSSAN Rail Corridor Agency or its acoustic consultant to periodically (quarterly) monitor noise levels from operation of the facility to ensure levels are similar to those disclosed in this EIR and *Central Coast Layover Facility Project Noise and Vibration Technical Report* (Appendix J of this EIR). If noise levels exceed the levels disclosed in this EIR and *Central Coast Layover Facility Project Noise and Vibration Technical Report* (Appendix J of this EIR), the LOSSAN Rail Corridor Agency, in consultation with the acoustic consultant, will identify and implement noise reduction measures to meet disclosed noise levels.

As shown in Figure 5-1, there are cumulative projects within 500 feet of the project site that are currently under construction (The Junction, The Yard, and Victoria Crossing). It is anticipated that these projects would be fully constructed before the start of construction of the proposed project (as early as April 2024). The HASLO Victoria Mixed Use Project is located within 500 feet of the project site is currently under planning review. If approved by the City of San Luis Obispo, there is a potential that the project could be constructed during the same timeframe as the proposed project. However, other cumulative projects would be subject to the city's construction noise limits and be required to mitigate any significant noise impacts related to the individual cumulative project, including traffic noise. The proposed mitigation measures would achieve reductions of noise impacts; therefore, the operational and construction noise impacts identified in Section 3.12, Noise, would not be cumulatively considerable.

5.3.12 Transportation

The evaluation of cumulative impacts related to transportation have been revised to reflect the revised analysis provided in Section 3.13 Transportation. The following provides an evaluation of potential cumulative impacts on the Bishop Street Extension Project and bicycle facilities.

Program Plan, Ordinance, and Policies

The proposed project would result in an increase in vehicular trips associated with the arrival of construction workers to the project site. Most construction equipment would be brought to the project site at the beginning of the construction process during construction mobilization and would remain on-site throughout the duration of the construction activities for which they were needed. Since equipment would primarily remain on-site, it would be unlikely to interfere with traffic. Therefore, on-site construction activities that would affect traffic would be minor and temporary, on-site construction-related impacts would be less than significant. Construction activities would primarily take place within existing railroad ROW. However, the proposed project would require underground utility installation and/or relocation and street access improvements which could result in temporary road closures which would also impact pedestrian and bicycle access. Therefore, the LOSSAN Rail Corridor Agency will prepare and implement a traffic management plan. With implementation of a

construction traffic management plan short-term construction impacts on local circulation, and pedestrian and bicycle access would be less than significant. Impacts to transit services would not occur.

As described in Section 3.13, Transportation, the proposed project would not preclude the Bishop Street Extension Capital Improvement Project. The capital improvement project would extend Bishop Street over the UP railroad tracks. Based on roadway geometric design criteria for a 25-mph roadway, the high vertical clearance required over the existing UP railroad tracks is expected to constrain the roadway profile of any future overcrossing, and the roadway profile is not likely to tie back into existing grade until approximately Santa Barbara Street to the west. Because the project site is at a lower elevation than the UP tracks, it is not anticipated and nor is it likely that the proposed tracks would have a significant impact on the ultimate profile of roadway overcrossing. No proposed structures are included on portions of the project site that are approximately aligned with Roundhouse Avenue/Bishop Street and Francis Street. This preserves space for foundations for a future pedestrian overpass. Therefore, the proposed project would not preclude the Bishop Street roadway extension and would not conflict with the City's General Plan Circulation Element.

During operation, the proposed project would not impact pedestrian or bicycle access. The proposed project includes the construction of a new segment of Class I bike trail, from approximately McMillan Avenue to the Amtrak Station, to connect existing Class I, II, and III segments of the Railroad Safety Trail. This portion is approximately 0.84 miles of new Class I trail. Should project conditions, land use, and ROW alignments allow, the proposed project would construct a portion of the new segment of Class I bike trail, from approximately High Street to Francis Street. ~~The proposed project includes the construction of a new segment of Class I bike trail, from approximately High Street to Francis Avenue, to connect existing Class I, II, and III segments of the Railroad Safety Trail. As discussed in Section 3.13, Transportation, the proposed project would not preclude implementation of future bicycle facilities (Class II segment along Roundhouse Street; Class I segment to connect the existing Class III segment on Francis Avenue across the railroad ROW to the Railroad Safety Trail; Francis Street connection identified in the South Broad Street Area Plan; and, a grade separated crossing east of Lawrence Drive), and would be consistent with the City's Active Transportation Plan.~~ Therefore, long-term impacts are considered less than significant.

Based on the anticipated low trip generation, i.e., up to 12 trips during the peak hours, and the project type of maintenance service, the proposed project would not result in a substantial increase above the existing traffic volumes. Therefore, operation of the proposed project would result in a less than significant impact on the roadway network.

Applicants for other cumulative project applicants would be required to coordinate with transit providers on a project-by-project basis to identify, avoid, and minimize disruptions to the circulation system, as well as be consistent with any applicable program plan, ordinance or policy addressing the circulation system. In this context, the project's incremental contribution to cumulative impacts would not be cumulatively considerable.

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7 Alternatives (Annotated)

Under State CEQA Guidelines Section 15088.5(c), if a revision to an EIR is limited to a few chapters or portions of the EIR, only the chapters or portions that have been modified need to be recirculated. Consistent with CEQA Guidelines Section 15088.5(c), this Recirculated Draft EIR contains only the portions of the Draft EIR (November 2021) that have been modified. This section has been annotated and only shows the portions that have been updated as indicated in ~~strikeout~~ (for text deletions) and underline (for text additions).

The comparative evaluation of impacts related to cultural resources and GHG have been revised to reflect the revised analysis provided in Section 3.5 Cultural Resources and Section 3.8 Greenhouse Gas Emissions, respectively. Although revisions were made in Section 3.2 Aesthetics, Section 3.3 Air Quality, Section 3.11 Land Use and Planning, Section 3.12 Noise, and Section 3.13 Transportation of this Recirculated Draft EIR, the comparative evaluation of impacts related to these topics did not change from the Draft EIR (November 2021). Therefore, the comparative evaluation of impacts related to aesthetics, air quality, land use and planning, noise, and transportation are not included.

7.3.1 Alternative 1 - No Project/No Development Alternative

Cultural Resources

The no project/no development alternative would avoid all potential cultural resources impacts associated with the proposed project. Because no new development or construction would occur, the significant and unavoidable impacts to the Southern Pacific Roundhouse and Rail Yard Site would be avoided. Additionally, although the potential is considered low, the no project/no development alternative would avoid the potential to encounter or disturb previously unrecorded archaeological resources that are prehistoric in nature, as well as avoid the potential that previously undiscovered prehistoric archaeological deposits are present and could be uncovered during deeper ground disturbing activities.

Greenhouse Gas Emissions

The no project/no development alternative proposes to leave the project area in its present condition, without project development or new construction. Therefore, under this alternative, no GHG emissions would be generated. Compared to the proposed project, this alternative would avoid impacts associated with GHG emissions.

~~Implementation of the no project/no development alternative would not avoid or reduce a significant GHG emissions impact, as no GHG emissions impact has been identified associated with the proposed project.~~

CONCLUSION: ALTERNATIVE 1 – NO PROJECT/NO DEVELOPMENT ALTERNATIVE

Under the no project/no development alternative, all the impacts associated with implementation of the proposed project would be avoided, including impacts to air quality, biological resources, cultural resources, geology and soils, greenhouse gas emissions, hazards and hazardous materials, noise and vibration, and tribal cultural resources.

The no project/no development alternative would not meet the basic objectives of the proposed project.

7.3.2 Alternative 2 – Expand Existing Facility

Cultural Resources

Implementation of the Expand Existing Facility alternative would avoid the significant and unavoidable impacts to the Southern Pacific Roundhouse and Rail Yard Site, which ~~are~~ is a contributing elements to the San Luis Obispo Southern Pacific Railroad NRHP Historic District, and the City of San Luis Obispo Local Railroad Historic District. Additionally, because the existing site is highly disturbed and developed with railroad tracks and related facilities, although considered low, the Expand Existing Facility alternative would avoid the potential to encounter or disturb previously unrecorded archaeological resources that are prehistoric in nature, as well as avoid the potential that previously undiscovered prehistoric archaeological deposits are present and could be uncovered during deeper ground disturbing activities.

Greenhouse Gas Emissions

~~No significant GHG impacts were identified associated with the proposed project. Therefore, the Expand Existing Facility alternative would not avoid or reduce a significant impact related to GHG emissions.~~

Implementation of the Expand Existing Facility alternative would result in a similar level of construction and operational GHG emissions as compared to the proposed project. Similar to the proposed project, GHG emissions associated with area sources (e.g., landscape maintenance), energy and water usage, vehicle trips, and wastewater and solid waste generation would be generated under this alternative. Because the same operational characteristics, including buildings and number of employees would be associated with this alternative, GHG emissions would not exceed the City's 2020 CAP efficiency threshold of 0.7 MT CO₂e per employee per year with implementation of Mitigation Measures GHG-1 through GHG-3. Therefore, the impact associated with greenhouse gas emissions would be similar to the proposed project.

CONCLUSION: ALTERNATIVE 2 – EXPAND EXISTING FACILITY

Implementation of the Expand Existing Facility alternative would avoid the proposed project's impacts to biological resources and cultural resources. The alternative would result in similar impacts to aesthetics, air quality, energy, geology and soils, greenhouse gas emissions, hydrology and water quality, land use and planning, noise, tribal cultural resources, and utilities and service systems. Implementation of this alternative would result in a greater impact to transportation as compared to the proposed project.

Implementation of the Expand Existing Facility alternative would partially meet the project objectives, but due to space limitations, the site is not optimal for fully meeting the project objectives. While railroad stakeholders (i.e., Union Pacific) is supportive of using and expanding the existing site, the site offers moderate optimization potential for facility rail operations because the site is directly across the main tracks from the existing station. Entrance to the facility requires moving north of the station to single-track territory and reversing into the facility. The very long and narrow shape of the site limits operational flexibility. Right of Way is owned by UP and the City. The City currently hosts a bike and pedestrian trail along portions of the site. Mitigation of any impacts to the trail would be

required. Also, the site is immediately adjacent to single family homes, with limited space available for visual screening and noise mitigation.

Based on the space needs for the facility, the existing facility site is not large enough to accommodate the Phase 2 components of the proposed project. The overall site size is approximately 5.5 acres, 2.5 acres below the size required in the Space Needs Program for the Phase 2 program.

7.3.3 Alternative 3 – Islay Hill Site

Cultural Resources

Implementation of the Islay Hill alternative would avoid the significant and unavoidable impacts associated with the proposed project to the Southern Pacific Roundhouse and Rail Yard Site, which ~~is~~ are a contributing elements to the San Luis Obispo Southern Pacific Railroad NRHP Historic District, and the City of San Luis Obispo Local Railroad Historic District. The Islay Hill site is currently vacant and does not contain features associated with the historic roundhouse. However, because the site is relatively undisturbed and is located in proximity to a creek, development of the project at this location also has the potential to encounter or disturb previously unrecorded archaeological resources that are prehistoric in nature, as well as encounter previously undiscovered prehistoric archaeological deposits are present and could be uncovered during deeper ground disturbing activities. Overall, because impacts to historic resources would be avoided with this alternative, the impact to cultural resources associated with the Islay Hill alternative would be less as compared to the proposed project.

Greenhouse Gas Emissions

~~No significant greenhouse gas emissions impacts were identified associated with the proposed project. Therefore, the Islay Hill alternative would not avoid or reduce a significant impact related to greenhouse gas emissions.~~

Implementation of the Islay Hill alternative would result in a similar level of construction and operational GHG emissions as compared to the proposed project. Similar to the proposed project, GHG emissions associated with area sources (e.g., landscape maintenance), energy and water usage, vehicle trips, and wastewater and solid waste generation would be generated under this alternative. Because the same operational characteristics, including buildings and number of employees would be associated with this alternative, GHG emissions would not exceed the City's 2020 CAP efficiency threshold of 0.7 MT CO₂e per employee per year with implementation of Mitigation Measures GHG-1 through GHG-3. The impact associated with greenhouse gas emissions would be similar to the proposed project.

CONCLUSION: ALTERNATIVE 3 – ISLAY HILL SITE

Implementation of the Islay Hill alternative would result in less impacts related to cultural resources and hazards and hazardous materials. The alternative would result in similar impacts to air quality, energy, geology and soils, greenhouse gas emissions, hydrology and water quality, noise, and tribal cultural resources. Implementation of this alternative would result in a greater impact to aesthetics, biological resources, land use and planning, transportation and utilities and service systems.

Implementation of the Islay Hill alternative would partially meet the project objectives. This alternative is not considered optimal as UP has expressed a preference to use an existing

connection to the main track as the primary access point to the facility; whereveas, at this location, rail access to this site would require a new connection to the main track in single-track territory. Further, primary access to the site would require a reversing move on the main track in single track territory, not unlike the move required to enter the existing layover facility.

The Islay Hill site is located 3 miles from terminal station, requiring a non-revenue move from the station each evening and another each morning to return to the station to begin revenue service. Also, layout of the site requires that storage tracks be stub-ended, and likely curved. Due to stub-ended tracks, operational flexibility is limited.

Because the overall site size is approximately 24 acres, the expansion potential of the site is optimal, and would provide enough space to accommodate all phases of the project.

Employee and visitors access site from the northwest corner of site, with parking along south property line. Operations, Fleet Maintenance Offices, Shops, Parts Storeroom, and Storage Buildings are centralized into a single location at the center of the site.

7.3.4 Alternative 4 – California State Polytechnic University (San Luis Obispo) Site

Cultural Resources

Implementation of the Cal Poly SLO alternative would avoid the significant and unavoidable impacts associated with the proposed project to the Southern Pacific Roundhouse and Rail Yard Site, which are contributing elements to the San Luis Obispo Southern Pacific Railroad NRHP Historic District, and the City of San Luis Obispo Local Railroad Historic District. The Cal Poly SLO site is currently vacant and does not contain features associated with the historic roundhouse. However, because the site is relatively undisturbed, development of the project at this location also has the potential to encounter or disturb previously unrecorded archaeological resources that are prehistoric in nature, as well as encounter previously undiscovered prehistoric archaeological deposits are present and could be uncovered during deeper ground disturbing activities. Overall, because impacts to historic resources would be avoided with the Cal Poly SLO alternative, the impact to cultural resources would be less as compared to the proposed project.

Greenhouse Gas Emissions

~~No significant greenhouse gas emissions impacts were identified associated with the proposed project. Therefore, the Cal Poly SLO alternative would not avoid or reduce a significant impact related to greenhouse gas emissions.~~

Implementation of the Cal Poly SLO alternative would result in a similar level of construction and operational GHG emissions as compared to the proposed project. Similar to the proposed project, GHG emissions associated with area sources (e.g., landscape maintenance), energy and water usage, vehicle trips, and wastewater and solid waste generation would be generated under this alternative. Because the same operational characteristics, including buildings and number of employees would be associated with this alternative, GHG emissions would not exceed the City's 2020 CAP efficiency threshold of 0.7 MT CO₂e per employee per year with implementation of Mitigation Measures GHG-1 through GHG-3. The impact associated with greenhouse gas emissions would be similar to the proposed project.

CONCLUSION: ALTERNATIVE 4 - CAL POLY SLO SITE

Implementation of the Cal Poly SLO alternative would reduce impacts associated with cultural resources, as this site would avoid any potential impacts to the roundhouse and associated features. Additionally, impacts associated with hazards and hazardous materials would be less, as this site is not anticipated to have soil contamination as the majority of the site is outside of the railroad right of way and has historically been undeveloped. Impacts associated with air quality, energy, geology and soils, greenhouse gas emissions, hydrology and water quality, noise, transportation and tribal cultural resources would be similar to the proposed project. This alternative would result in greater impacts to aesthetics, biological resources, land use and planning, and utilities and service systems as compared to the proposed project.

the Cal Poly SLO alternative would meet most of the basic objectives of the proposed project. However, this alternative would not meet the following project objectives:

- Maintain or improve operational efficiency. Provide reasonably efficient operation to and from the future facility including accessibility by rail and proximity to the terminal station in San Luis Obispo. Ideally, the site would be adjacent to tangent mainline track.
- Minimize or avoid operational impacts to UP. The current layover facility location requires trains to make a reverse move onto the UP mainline in single track territory to enter and exit the facility, preventing other trains from passing through the corridor during the move.

This alternative would result in operational challenges to UP. UP has expressed a preference to use an existing connection to the main track as the primary access point to the facility. Rail access to this site would require a new connection to the main track in single-track territory.

Additionally, the current northerly terminus of LOSSAN service is the existing San Luis Obispo station. Siting the facility at this location would add new passenger rail trains to UP's Coast Subdivision, north of the station. Further, because this site is approximately 3 miles north of the terminal station, a non-revenue move from the station each evening and another each morning to return to the station to begin revenue service would be required, reducing operational efficiency.

7.4 Environmentally Superior Alternative

Table 7-1 provides a qualitative comparison of the impacts for each alternative compared to the proposed project. The No Project/No Development Alternative would be considered the environmentally superior alternative, since it would eliminate all of the significant impacts identified for the project. However, CEQA Guidelines Section 15126.6(e)(2) states that "if the environmentally superior alternative is the No Project Alternative, the EIR shall also identify an environmentally superior alternative among the other alternatives." The environmentally superior alternative would be Alternative 2 – Existing Facility Alternative (which would involve expansion of the existing facility). This alternative is considered the environmental superior alternative as it would avoid biological and cultural resources impacts associated with the proposed project.

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Table 7-1. Summary of Environmental Impacts of the Alternatives to the Proposed Project

| Environmental Issue Area | Proposed Project | Alternative 1 - No Project/No Development Alternative | Alternative 2 - Existing Facility Alternative | Alternative 3 - Alternative Location – Islay Hill Site | Alternative 4 - Alternative Location – Cal Poly SLO Site |
|--------------------------|--|---|---|--|--|
| Cultural Resources | Less than Significant with Mitigation <u>Significant and Unavoidable</u> | Avoid | Avoid | Less | Less |
| Greenhouse Gas Emissions | Less than Significant with Mitigation | Similar <u>Avoid</u> | Similar | Similar | Similar |

Notes:

Avoid = Impacts under this alternative avoided as compared to impacts for the proposed project.

Reduced = Impacts under this alternative reduced as compared to impacts for the proposed project.

Similar = Impacts under this alternative similar to impacts for the proposed project.

Greater = Impacts under this alternative greater to impacts for the proposed project.

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9 EIR Preparers, Reviewers, and Persons and Organizations Contacted (Annotated)

Under State CEQA Guidelines Section 15088.5(c), if a revision to an EIR is limited to a few chapters or portions of the EIR, only the chapters or portions that have been modified need to be recirculated. Consistent with CEQA Guidelines Section 15088.5(c), this Recirculated Draft EIR contains only the portions of the Draft EIR (November 2021) that have been modified. This section has been annotated and only shows the portions that have been updated as indicated in ~~strikeout~~ (for text deletions) and underline (for text additions).

9.3.4 San Luis Obispo County Air Pollution Control District

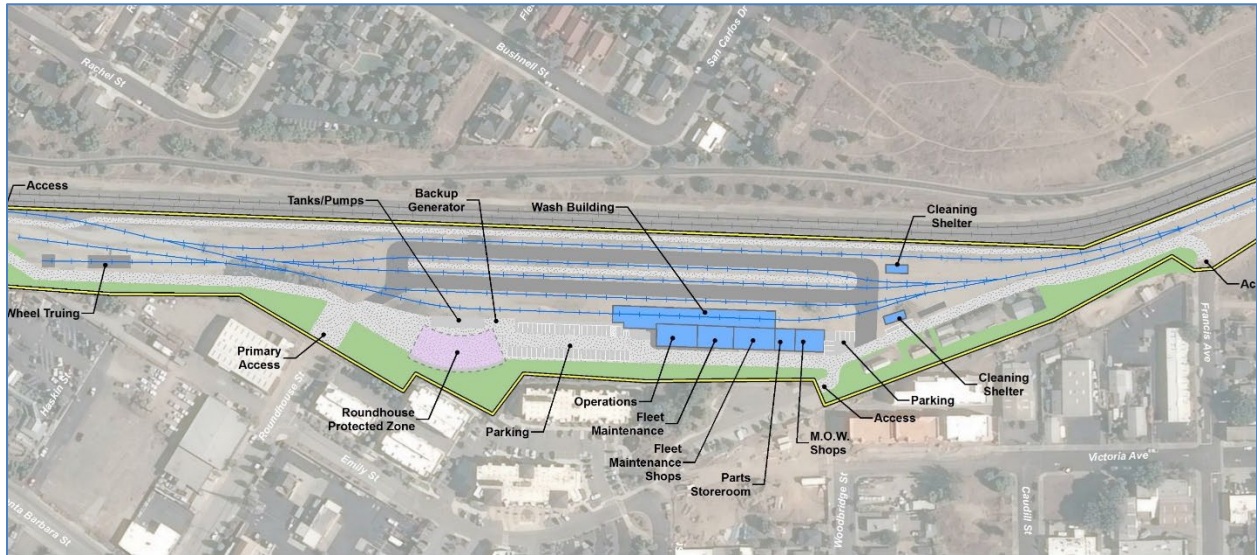
Andrew J. Mutzinger, Manager, Planning, Monitoring and Grants Division

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Final Air Quality Analysis Report

LOSSAN Rail Corridor Agency

Central Coast Layover Facility Project



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July 2022

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Appendix

CalEEMod Outputs
Emissions Summary
Health Risk Assessment

Project Overview

The Los Angeles – San Diego – San Luis Obispo (LOSSAN) Rail Corridor Agency is proposing the relocation and expansion of the existing Pacific Surfliner layover facility located at the northern end of the LOSSAN rail corridor in San Luis Obispo, California. The proposed Central Coast Layover Facility (proposed project or CCLF) would increase overnight layover and storage capacity to support the service goals and objectives outlined for the Pacific Surfliner in both the 2018 California State Rail Plan (State Rail Plan) and the LOSSAN Rail Corridor Agency’s Fiscal Year (FY) 2019-20 and 2020-21 Business Plan (Business Plan).

Currently, one Pacific Surfliner train overnights each day in San Luis Obispo for an early morning departure the following day. Both the State Rail Plan and the LOSSAN Rail Corridor Agency Business Plan identify growth in the service levels of the Pacific Surfliner to San Luis Obispo. As currently configured, the existing single-track facility does not have the capacity to accommodate any growth in service levels beyond the current service. The proposed project will facilitate the maintenance of equipment at the northern terminus of the LOSSAN rail corridor. It will allow additional passenger trains to be maintained, serviced, and stored in San Luis Obispo overnight with no impact to the operations of Union Pacific (UP), allowing a second, more convenient, morning departure from San Luis Obispo, subject to UP approval of the proposed schedule. It will also provide for the opportunity to store and service additional train sets used for further expansion of the Service.

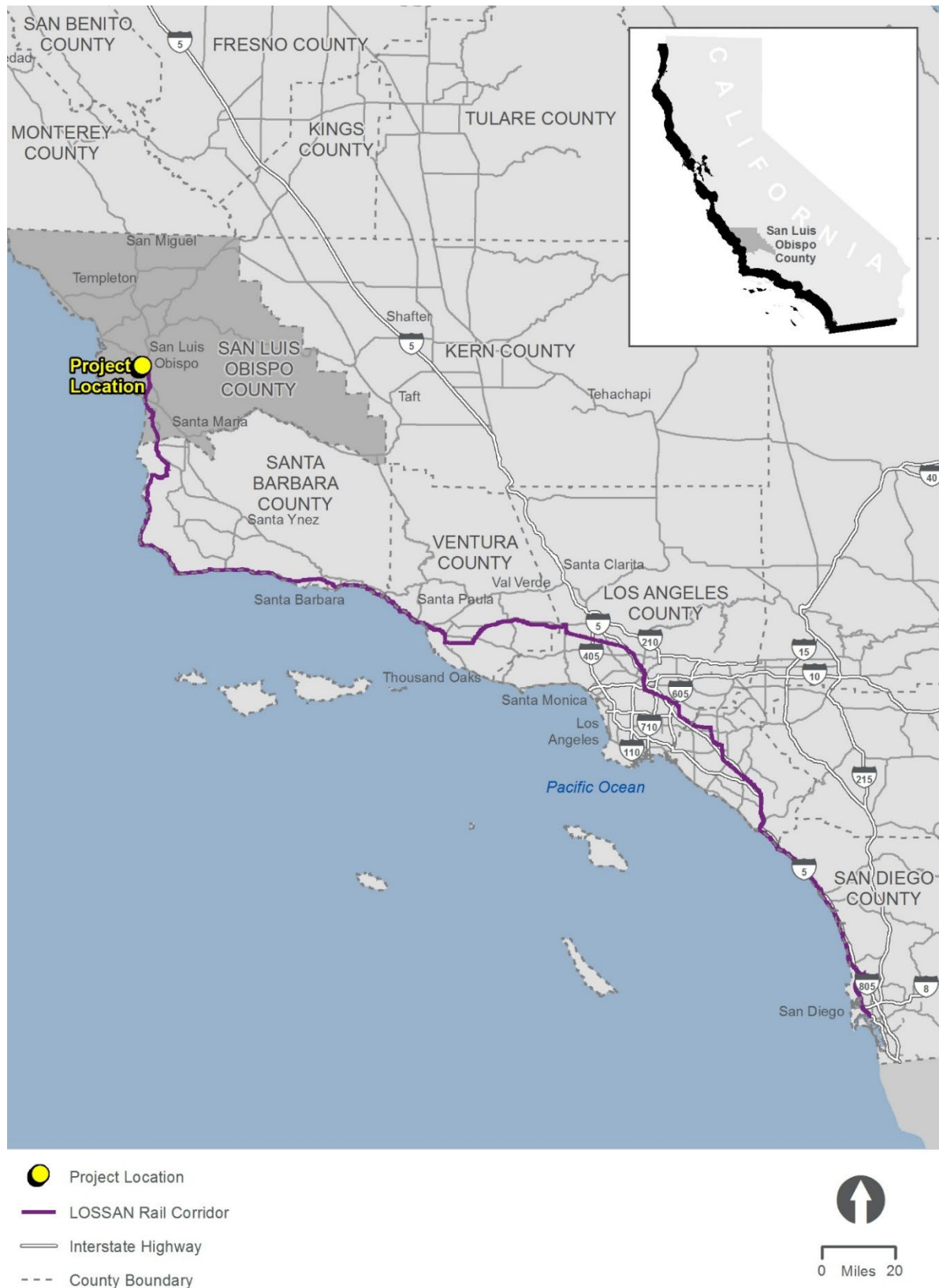
This report evaluates the proposed project’s construction- and operations-period effects to air quality and greenhouse gas (GHG) emissions consistent with San Luis Obispo Air Pollution Control District (APCD) guidance as detailed their *2012 California Environmental Quality Act (CEQA) Air Quality Handbook* (APCD, 2012), *2017 Clarification Memo* (APCD, 2017a), and *2021 Interim CEQA Greenhouse Gas Guidance Memo* (APCD, 2021).

Project Location

The project site is located on approximately 13 acres of relatively undeveloped land in the City of San Luis Obispo, which is situated along the Central Coast region of California, approximately 190 miles north of Los Angeles (Figure 1). The existing Pacific Surfliner layover facility is located directly across from the San Luis Obispo Amtrak Station, located at 1011 Railroad Avenue. The project site is located approximately 0.3-mile south of the San Luis Obispo Amtrak Station. The project site extends from south of the San Luis Obispo Railroad Museum’s parking lot to east of Lawrence Drive.

The project site is between the UP Main Tracks and existing commercial and residential development to the west. As shown on Figure 2, the project site is located entirely within the City of San Luis Obispo’s Railroad Historic District (District). The District boundary covers approximately one-half square mile and extends along the railroad right-of-way (ROW) for about 1.7 miles in roughly a north-south axis.

Figure 1. Regional Location



Project Description

The proposed project includes the construction of a new rail yard, storage and servicing tracks, operations and maintenance buildings, landscape improvements, and safety and security features. Perimeter fencing would be installed around the facility for site security and public safety. All proposed project elements are shown in Figure 3.

Rail Yard and Tracks

The proposed project would construct a new rail yard with up to five new tracks, with Track 1 positioned as the westernmost track and Track 5 positioned as the easternmost track.

- Track 1 – Bypass and wash track with train wash building
- Track 2 – Storage track with service and inspection (S&I) position
- Track 3 – Storage track
- Track 4 – Storage track
- Track 5 – Storage track

Trains would enter the site from the mainline switch at the north end of the site, passing through the Train Wash on Track 1. Trains would travel south, passing the train wash building onto the tail track and then reverse direction into either S&I position or to one of the other storage tracks. Upon reaching the S&I position or a storage track, the trains would park for the night, connecting to ground power to allow for the electric functions of the train to continue and connecting to a yard air compressor to keep the brake system charged. These connections allow for continuity of these functions without the locomotive engine running, minimizing engine idling within the facility.

From the S&I or storage positions, daily servicing and light maintenance can occur. Trains stored on the S&I track would also undergo additional safety, operational and reliability inspections.

Trains would exit the facility north toward the San Luis Obispo station at intervals based on the approved and published service schedules.

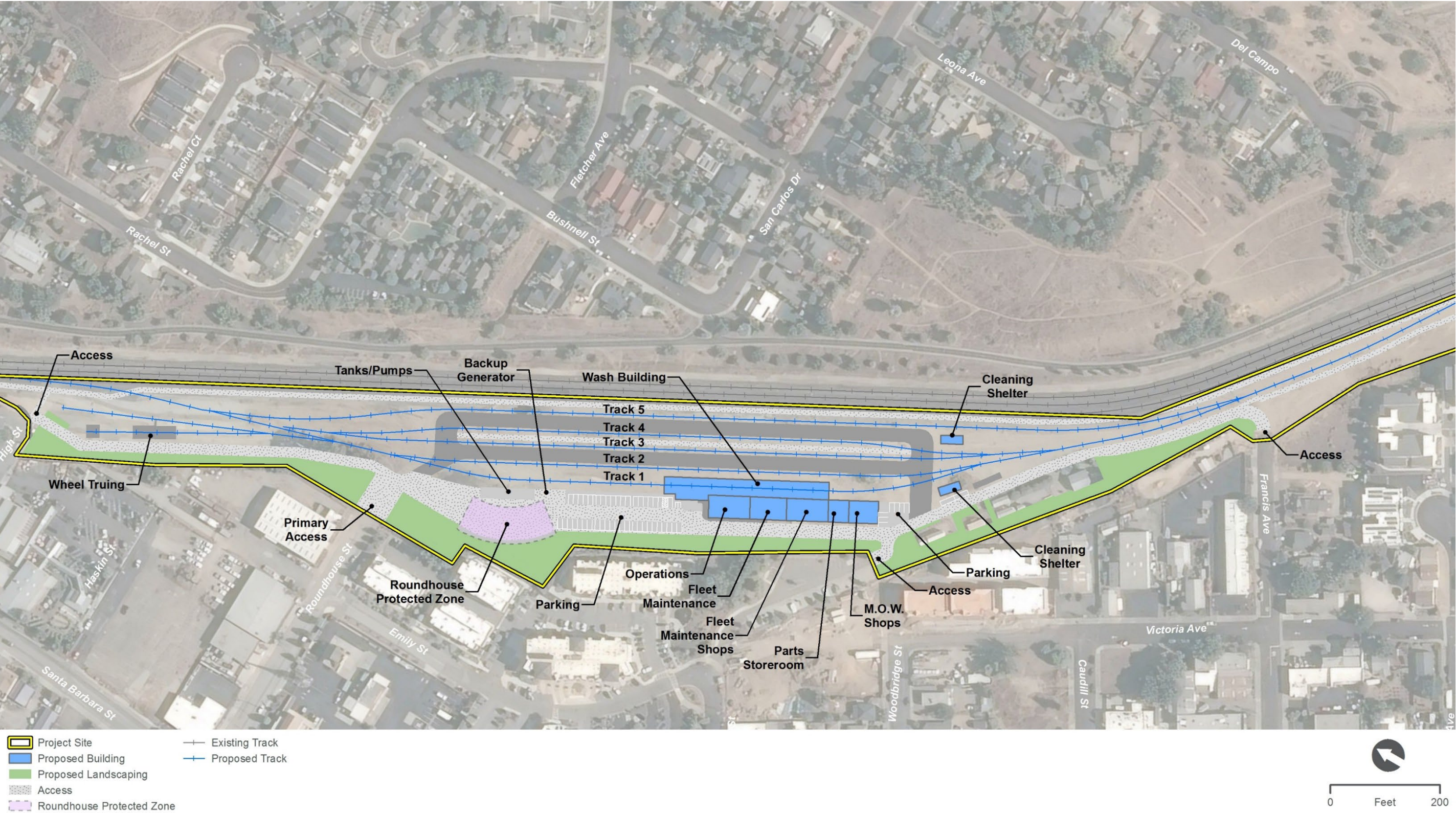
Buildings

The proposed CCLF would consist of a series of single-story structures housing a variety of functions including office space, storage space, workshops, train wash, train S&I and wheel truing.

Operations/Fleet Maintenance Building. The Operations Building would be an approximately 3,000 square foot (sf) one-story building, which would house administrative offices and restrooms for operations and maintenance staff.

Fleet Maintenance Shops Building. The Fleet Maintenance Shops Building would be a one-story building and approximately 2,900 sf, and would house a welding/fabrication shop, brake and coupler shop, and toolbox storage.

Figure 3. Site Plan



Parts Storeroom Building. The Parts Storeroom Building would be a one-story building, approximately 1,500 sf, located adjacent to the Fleet Maintenance Shops Building and Maintenance of Way Building. This building would store components and parts that are required on a frequent basis to support maintenance activities, and would include a dedicated secure area for shipping, receiving and storage.

Maintenance of Way (MOW) Building. The MOW Building would be a one-story building, approximately 2,200 sf, located adjacent to the Parts Storeroom Building. MOW is responsible for inspection and maintenance of track, roadbed, and buildings. MOW is also responsible for inspection and maintenance of non-revenue vehicles assigned to the CCLF.

Wash Building. The Wash Building would be a 9,000-10,000 sf one-story building, located at the center of the project site on Track 1. An automatic, drive-through train wash would be enclosed in the Wash Building. As described above, trains entering the maintenance facility would pass through the Train Wash Building for cleaning prior to being placed on one of the storage tracks.

The train wash would operate 7 days per week. Each train arriving at the facility at the end of its service day will enter through the wash, requiring it to run for about 5-10 minutes for each train. The timing of the train wash operation will depend on the approved and published service schedule and would likely be during the evening hours.

Wheel Truing Building. The Wheel Truing Building would be a one-story building, approximately 1,900 sf in size and located at the north end of the project site adjacent to the San Luis Obispo Railroad Museum parking lot. The Wheel Truing Building would house an underfloor pit-mounted wheel truing machine. Use of this facility is anticipated to be infrequent and not part of the daily operation.

S&I Shelter. Track 2 would function as a storage track with an S&I position. The S&I track would be covered by a 24' high shelter. To provide access to the underside of a train for inspection and maintenance, a lower level work area or gauge pit would be installed.

Cleaning Shelters. Two cleaning shelters would be provided south of the Wash Building and storage tracks.

Parking

The proposed project would provide a total of 54 on-site parking spaces for employees and visitors. Most of the parking spaces would be located on the west end of the central yard in between the Roundhouse Site and Operations building. The other parking spaces would be located adjacent to the MOW Shops building.

Access

Primary employee and visitor access to the site would be from Roundhouse Avenue. Additional emergency access to the site would be available from the train museum parking lot (north end of site), from the parking lot off Alphonso Street (center of site), and from Francis Avenue (south end of site).

Landscape Plan

The proposed project would install landscaping to minimize sound by absorbing ambient noise and provide a visual buffer by screening the rail maintenance operations from adjacent

neighboring residential and recreational uses. The project's plant palette will be comprised of species native or fully adapted to San Luis Obispo's climate. The list of species will draw from the San Luis Obispo County-Approved Plant List and the Calscape, or California Native Plant Society, database of plants native to the area. Species will be selected to be relatively low maintenance, have minimal leaf litter, and be non-fruiting so as not to attract vectors or birds.

East Landscape Buffer

Single-family residences overlook the east edge of the project site, with views toward the hills of the surrounding regional open space west of the city. A Class I bike trail traverses the Historic Railroad District, connecting to regional trails and other San Luis Obispo recreation sites.

Landscape material for the east buffer will be congruent with the existing plant palette – a diverse mix of native/adaptive species consistent with the California chaparral and foothill meadow plant communities. The main objective in enhancing the landscape buffer at the east edge is to frame views over the existing rail yard toward the distant hills, screening the project site and its enhanced maintenance operations.

West Landscape Buffer and Class I Bike Trail

Multi-family condominiums and apartments are located adjacent to the project site's western edge. Most of the on-site landscape buffer area is to be established between the proposed rail improvements and maintenance program elements and these adjacent residences.

Additionally, a new segment of Class I bike trail, from approximately McMillan Avenue to the Amtrak Station, is identified in the City of San Luis Obispo's Active Transportation Plan's Tier 3 Project List as a future Class I trail connecting existing Class I, II, and III segments to comprise the Railroad Safety Trail. This portion is approximately 0.84 miles of new Class I trail. Should project conditions, land use, and ROW alignments allow, the proposed project would construct a portion of the new segment of Class I bike trail, from approximately High Street to Francis Street. The bike path would meander slightly through the landscape buffer, providing users distance from the rail yard operations and limiting the impact of trail activity noise on the adjacent residential communities. This new connection would provide largely protected bike and pedestrian trail access from the Old Town Historic District through the Railroad Historic District, from the San Luis Obispo Railroad Museum, past the rail yard at project site, and back into the urban fabric of housing and light commercial use.

Roundhouse Protected Zone

The new segment of Class I bike trail presents the opportunity to facilitate public view of the historic site of the Southern Pacific Railroad roundhouse, where the structure's remnant foundation remains visible. Hosting the last steam locomotive in 1956, the roundhouse was demolished in 1959, with the train depot following in 1971, and finally, the turntable in 1994. The unique historic relevance of the roundhouse continues the rail history narrative set by the Railroad Museum to the north and reinforces the area's designation as the Railroad Historic District.

The project's program elements would be arranged to avoid significant impact to the roundhouse footing, preserving as much exposed surface for view as possible. The proposed project would install a transparent perimeter fence along the southwest edge of the roundhouse, where bench

seating and interpretive signage will be sited to create an informational node along the active transportation corridor.

Site Security

The site perimeter would be secured with an 8-foot transparent anti-climb fence. Motorized vehicular gates would be provided at all egress/ingress points. Video surveillance cameras would also be installed along the perimeter of the site.

Phasing

Funding is currently not available to construct the entire facility at once. Instead, a phased construction approach is intended, constructing an initial portion of the facility which includes the most immediately needed elements, and adding the remaining components as the need arises and additional funding becomes available. The following sections identify the components that would be constructed under Phase 1 and later phases of the proposed project.

Phase 1

Phase 1 intends to meet or exceed the functionality of the existing layover facility and add layover capacity for at least one additional train. This initial phase would include landscaping and trail enhancements around the Phase 1 footprint as well as water quality improvements and underground utility services to serve the ultimate facility. Phase 1 would include the following project components:

- North portions of West Landscape Buffer, 30 feet with pedestrian/bike path, 20-foot minimum setback plus 10 feet
- East Landscape Buffer, green space enhancement wrapping the existing bike path north-to-south
- Upper Yard/Lower Yard site improvements including:
 - Civil topography, grading, drainage, stormwater utilities
 - North-to-south 20-foot access drive, yard paving and service roads
 - Improvements at “Roundhouse Protected Zone”
 - Yard perimeter fencing and gates at access points - one (1) main entry at Roundhouse Street (north end of Central Yard); three (3) emergency access points (north and south end of site, south end of Central Yard); fencing only around yard body
 - All railroad maintenance roads and mainline east / west perimeter fencing; yard paving and site access roads
 - Trackside shelters and services including waste / recycling enclosure
- Temporary portable buildings for essential work functions
- 1 Service & Inspection (S&I) Position, gage pit with canopy
- 2 storage tracks, including S&I track
- Yard / Exterior Area site improvements including partial build-out of parking and driveway

Later Phases

Later phases would include the remaining Master Plan components as dictated by operational needs and as allowed by available funding. Initially this would focus on all items identified as essential components of the ultimate facility, followed later by those features that would expand

overall capacity of the facility, as well as enhance operations and efficiency, but which are not immediately mandatory. The following project components could be constructed on the project site based on operational needs and available funding:

- Remaining portions of West Landscape Buffer, 30 feet with pedestrian/bike path, 20-foot minimum setback plus 10 feet
- Yard/Exterior Area site improvements remaining from Phase 1 including parking, driveway, laydown and enclosed yard areas, emergency generator
- 1 wash track with Train Wash Building foundation and pit / infrastructure
- 1 south tail track and connection
- 3 locomotive storage tracks, including 1 extended-length storage track
- Facility Structures (core/shell, interior build-out, equipment installation)
 - Operations (administration)
 - Fleet Maintenance
 - Fleet Maintenance Shops
 - Parts Store Room
 - MOW Shops foundation/pad
 - Train Wash Building, structure/wash arch/canopy
 - Wheel Truing Building and Support Areas
 - Fueling structure and arch
- Wheel Truing Building trackwork and switch
- Retaining wall and grading to support wheel truing building and trackwork

Construction

Construction activities would be scheduled during time frames that allow for exclusive track occupancy by construction crews to minimize effects on LOSSAN operations. To the greatest extent possible, construction activities would be scheduled during the daytime. No weekend work is anticipated.

As described above, funding is currently not available to construct the entire facility at once. Therefore, a phased construction approach is intended, constructing the Phase 1 project components first, and adding the remaining components as the need arises and additional funding becomes available. The following sections provide details regarding the project timeline and construction process.

Phase 1

Project construction for Phase 1 would begin as early as April 2024 and last for approximately 19 months. The work would begin with ground improvements to prepare the site for construction of buildings. Construction may involve multiple crews working simultaneously and would include equipment such as track stabilizers, excavators, front-end loaders, rubber-tired dozers, cranes, haul trucks, and water trucks.

A summary of the construction activities associated with Phase 1 is provided below:

- Demolition and Rough Grading
- Utility Relocations
- West/East Landscape Buffer and Bike Path
- Access Drive, yard paving and service roads

- Fencing
- S&I Position, gage pit with canopy
- Storage track and 2 turnouts
- Exterior parking and driveway

Later Phases

Project construction for the later phases would be approximately 16 months in duration. Mobilization and demobilization time would add to the duration for later phases depending on how they end up being broken out, though breaking the remaining work into smaller phases would reduce the magnitude of impact for each smaller phase. A summary of the construction activities associated with later phases is provided below:

- West/East landscape buffer and bike path
- Exterior parking and driveway
- Track construction and 10 turnouts
- Operations building
- Fleet maintenance building
- Parts store room
- MOW shops foundation/pad
- Train wash building
- Wheel truing building
- Retaining wall
- Fueling structure

Construction Staging and Access

Material and equipment imports and construction personnel would access the project site via walking points from the nearest fence access or staging area. Most construction equipment would be brought to the project site at the beginning of the construction process during construction mobilization and would remain on-site throughout the duration of the construction activities for which they were needed.

Regulatory Setting

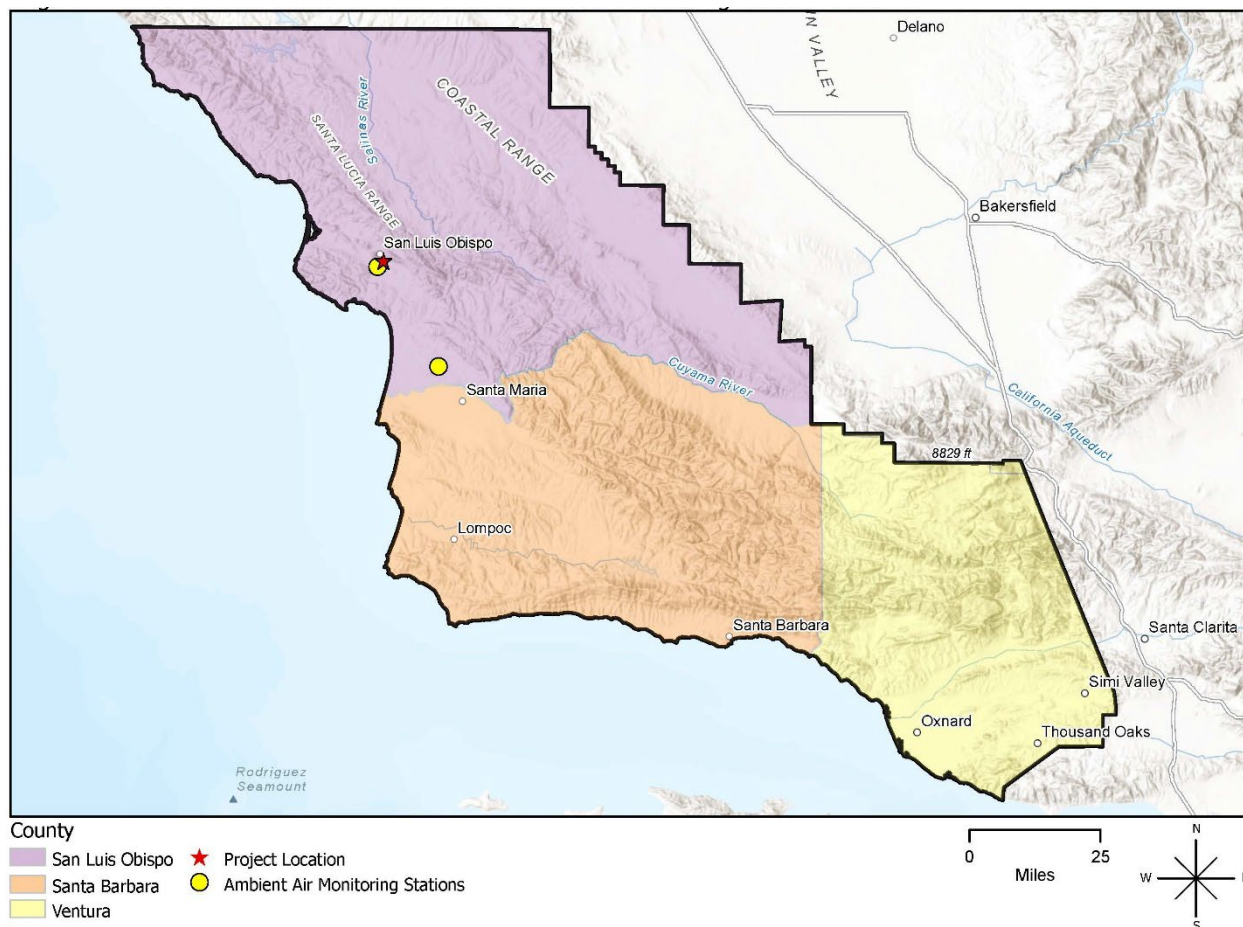
Many statutes, regulations, plans, and policies have been adopted at the federal, state, and local levels to address air quality issues related to transportation and other sources. The proposed project is located in the San Luis Obispo County portion of California's South Central Coast Air Basin (SCCAB) (see Figure 4) and is subject to air quality regulations at each of these levels. This section introduces the pollutants governed by these regulations and describes the regulation and policies that are relevant to the proposed project.

Pollutant Specific Overview

Air pollutants are governed by multiple federal and state standards to regulate and mitigate health impacts. At the federal level, there are six criteria pollutants for which National Ambient Air Quality Standards (NAAQS) have been established: carbon monoxide (CO), lead (Pb), nitrogen dioxide (NO₂), ozone (O₃), particulate matter less than 2.5 microns in diameter (PM_{2.5}), particulate matter less than 10 microns in diameter (PM₁₀), and sulfur dioxide (SO₂). The United States Environmental Protection Agency (EPA) has also identified nine priority mobile source

air toxics (MSAT) pollutants: 1,3 butadiene, acetaldehyde, acrolein, benzene, diesel particulate matter (DPM), ethylbenzene, formaldehyde, naphthalene, and polycyclic organic matter.

Figure 4. South Central Coast Air Basin



Criteria Pollutants

The Federal Clean Air Act requires the EPA to set NAAQS for the six criteria air contaminants identified above. It also permits states to adopt additional or more protective air quality standards if needed. As such, California has set standards for certain pollutants. Table 1 documents the current federal and state air quality standards with attainment status while Table 2 summarizes the sources and health effects of the six criteria pollutants and pollutants regulated in the state of California.

Table 1. Ambient Air Quality Standards

| Pollutant | Averaging Time | State Standard ^a | Federal Standard ^b | State Project Attainment Status | Federal Project Area Attainment Status |
|-----------------------------|----------------|-----------------------------|---------------------------------------|---------------------------------|--|
| O ₃ ^c | 1 hour | 0.09 ppm | — | Nonattainment | — |
| O ₃ | 8 hours | 0.070 ppm | 0.070 ppm (4th highest in 3 years) | Nonattainment | Attainment |
| CO ^d | 1 hour | 20 ppm | 35 ppm | Attainment | Attainment |

| Pollutant | Averaging Time | State Standard ^a | Federal Standard ^b | State Project Attainment Status | Federal Project Area Attainment Status |
|--------------------------------|-------------------------|--|---|---------------------------------|--|
| CO | 8 hours | 9.0 ppm | 9 ppm | Attainment | Attainment |
| PM ₁₀ ^e | 24 hours | 50 µg/m ³ | 150 µg/m ³ (expected number of days above standard < or equal to 1) | Nonattainment | Attainment |
| PM ₁₀ | Annual | 20 µg/m ³ | — | Nonattainment | — |
| PM _{2.5} ^f | 24 hours | — | 35 µg/m ³ ^e | — | Attainment |
| PM _{2.5} | Annual | 12 µg/m ³ | 12.0 µg/m ³ | Attainment | Attainment |
| NO ₂ | 1 hour | 0.18 ppm | 0.100 ppm ^j | Attainment | Attainment |
| NO ₂ | Annual | 0.030 ppm | 0.053 ppm | Attainment | Attainment |
| SO ₂ ^h | 1 hour | 0.25 ppm | 0.075 ppm (99th percentile over 3 years) | Attainment | Attainment |
| SO ₂ | 3 hours | — | 0.5 ppm ⁱ | — | Attainment |
| SO ₂ | 24 hours | 0.04 ppm | 0.14 ppm (for certain areas) | Attainment | Attainment |
| SO ₂ | Annual | — | 0.030 ppm (for certain areas) | — | Attainment |
| Pb ^j | Monthly | 1.5 µg/m ³ | — | Attainment | — |
| Pb | Calendar Quarter | — | 1.5 µg/m ³ (for certain areas) | — | Attainment |
| Pb | Rolling 3-month average | — | 0.15 µg/m ³ ^k | — | Attainment |
| Sulfates | 24 hours | 25 µg/m ³ | — | Attainment | — |
| H ₂ S | 1 hour | 0.03 ppm | — | Attainment | — |
| VRP ^m | 8 hours | Visibility of 10 miles or more (Tahoe: 30 miles) at relative humidity less than 70 percent | — | Attainment | — |
| Vinyl Chloride ^l | 24 hours | 0.01 ppm | — | Attainment | — |

Notes:

Adapted from the [CARB Air Quality Standards chart \(CARB 2016\)](#)

^a California standards for O₃, CO (except 8-hour Lake Tahoe), SO₂ (1 and 24 hour), nitrogen dioxide, and particulate matter (PM₁₀, PM_{2.5}, and VRPs), 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 CCR.

^b Federal standards (other than O₃, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The O₃ standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM₁₀, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than one. For PM_{2.5}, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.

^c On October 1, 2015, the national 8-hour O₃ primary and secondary standards were lowered from 0.075 to 0.070 ppm. Transportation conformity applies in newly designated nonattainment areas for the 2015 national 8-hour O₃ primary and secondary standards on and after August 4th, 2019 (see [Transportation Conformity Guidance for 2015 Ozone NAAQS Nonattainment Areas](#)).

| Pollutant | Averaging Time | State Standard ^a | Federal Standard ^b | State Project Attainment Status | Federal Project Area Attainment Status |
|-----------|----------------|-----------------------------|-------------------------------|---------------------------------|--|
|-----------|----------------|-----------------------------|-------------------------------|---------------------------------|--|

- ^d Transportation conformity requirements for CO no longer apply after June 1, 2018 for the following California Carbon Monoxide Maintenance Areas (see U.S. EPA CO Maintenance Letter).
- ^e On December 14, 2012, the national annual PM_{2.5} primary standard was lowered from 15 µg/m³ to 12 µg/m³. The existing national 24-hour PM_{2.5} standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard of 15 µg/m³. The existing 24-hour PM₁₀ standards (primary and secondary) of 150 µg/m³ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
- ^f The 65 µg/m³ PM_{2.5} (24-hr) NAAQS was not revoked when the 35 µg/m³ NAAQS was promulgated in 2006. The 15 µg/m³ annual PM_{2.5} standard was not revoked when the 12 µg/m³ standard was promulgated in 2012. Therefore, for areas designated nonattainment or nonattainment/maintenance for the 1997 and or 2006 PM_{2.5} NAAQS, conformity requirements still apply until the NAAQS are fully revoked.
- ^g Final 1-hour NO₂ NAAQS published in the Federal Register on 2/9/2010, effective 3/9/2010. Initial area designation for California (2012) was attainment/unclassifiable throughout. Project-level hot spot analysis requirements do not currently exist. Near-road monitoring starting in 2013 may cause re-designation to nonattainment in some areas after 2016.
- ^h On June 2, 2010, a new 1-hour SO₂ standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO₂ national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.
- ⁱ Secondary standard, the levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant rather than health. Conformity and environmental analysis address both primary and secondary NAAQS.
- ^j The CARB has identified vinyl chloride and the particulate matter fraction of diesel exhaust as TACs. Diesel exhaust particulate matter is part of PM₁₀ and, in larger proportion, PM_{2.5}. Both the CARB and U.S. EPA have identified Pb and various organic compounds that are precursors to O₃ and PM_{2.5} as TACs. There are no exposure criteria for adverse health effect due to TACs, and control requirements may apply at ambient concentrations below any criteria levels specified above for these pollutants or the general categories of pollutants to which they belong.
- ^k Pb NAAQS are not considered in Transportation Conformity analysis.
- ^l In 1989, the CARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

µg/m³=micrograms per cubic meter; CCR=California Code of Regulations; CO=carbon monoxide; H₂S=hydrogen sulfide; NAAQS=National Ambient Air Quality Standards; NO₂=nitrogen dioxide; O₃=ozone; Pb=lead; PM₁₀=particulate matter less than 10 microns in diameter; PM_{2.5}=particulate matter less than 2.5 microns in diameter; ppm=parts per million; SO₂=sulfur dioxide; TAC=toxic air contaminant; VRP=visibility reducing particles

Table 2. Criteria Pollutant Effects and Sources

| Pollutant | Principal Health and Atmospheric Effects | Typical Sources |
|---|--|--|
| O ₃ | High concentrations irritate lungs. Long-term exposure may cause lung tissue damage and cancer. Long-term exposure damages plant materials and reduces crop productivity. Precursor organic compounds include many known TACs. Biogenic VOC may also contribute. | Low-altitude O ₃ is almost entirely formed from ROG/VOC and NO _x in the presence of sunlight and heat. Common precursor emitters include motor vehicles and other internal combustion engines, solvent evaporation, boilers, furnaces, and industrial processes. |
| CO | CO interferes with the transfer of oxygen to the blood and deprives sensitive tissues of oxygen. CO also is a minor precursor for photochemical O ₃ . Colorless, odorless. | Combustion sources, especially gasoline-powered engines and motor vehicles. CO is the traditional signature pollutant for on-road mobile sources at the local and neighborhood scale. |
| Respirable Particulate Matter (PM ₁₀) | Irritates eyes and respiratory tract. Decreases lung capacity. Associated with increased cancer and mortality. Contributes to haze and reduced visibility. Includes some TACs. Many toxic & other aerosol and solid compounds are part of PM ₁₀ . | Dust- and fume-producing industrial and agricultural operations; combustion smoke & vehicle exhaust; atmospheric chemical reactions; construction and other dust-producing activities; unpaved road dust and re-entrained paved road dust; natural sources. |

| Pollutant | Principal Health and Atmospheric Effects | Typical Sources |
|--|---|---|
| Fine Particulate Matter (PM _{2.5}) | Increases respiratory disease, lung damage, cancer, and premature death. Reduces visibility and produces surface soiling. Most diesel exhaust particulate matter – a TAC – is in the PM _{2.5} size range. Many toxic & other aerosol and solid compounds are part of PM _{2.5} . | Combustion including motor vehicles, other mobile sources, and industrial activities; residential and agricultural burning; also formed through atmospheric chemical and photochemical reactions involving other pollutants including NO _x , SO _x , ammonia, and ROG. |
| NO ₂ | Irritating to eyes and respiratory tract. Colors atmosphere reddish-brown. Contributes to acid rain & nitrate contamination of stormwater. Part of the “NO _x ” group of O ₃ precursors. | Motor vehicles and other mobile or portable engines, especially diesel; refineries; industrial operations. |
| SO ₂ | Irritates respiratory tract; injures lung tissue. Can yellow plant leaves. Destructive to marble, iron, steel. Contributes to acid rain. Limits visibility. | Fuel combustion (especially coal and high-sulfur oil), chemical plants, sulfur recovery plants, metal processing; some natural sources like active volcanoes. Limited contribution possible from heavy-duty diesel vehicles if ultra-low sulfur fuel not used. |
| Pb | Disturbs gastrointestinal system. Causes anemia, kidney disease, and neuromuscular and neurological dysfunction. Also a TAC and water pollutant. | Pb-based industrial processes like battery production and smelters. Pb paint, leaded gasoline. ADL from older gasoline use may exist in soils along major roads. |
| Sulfate | Premature mortality and respiratory effects. Contributes to acid rain. Some TACs attach to sulfate aerosol particles. | Industrial processes, refineries and oil fields, mines, natural sources like volcanic areas, salt-covered dry lakes, and large sulfide rock areas. |
| H ₂ S | Colorless, flammable, poisonous. Respiratory irritant. Neurological damage and premature death. Headache, nausea. Strong odor. | Industrial processes such as: refineries and oil fields, asphalt plants, livestock operations, sewage treatment plants, and mines. Some natural sources like volcanic areas and hot springs. |
| VRP | Reduces visibility. Produces haze. Note: not directly related to the Regional Haze program under the FCAA, which is oriented primarily toward visibility issues in National Parks and other “Class I” areas. However, some issues and measurement methods are similar. | See particulate matter above. May be related more to aerosols than to solid particles. |
| Vinyl Chloride | Neurological effects, liver damage, cancer. Also considered a TAC. | Industrial processes. |

Source: Caltrans Standard Environmental Reference, May 2020.

Notes:

ADL=aerially deposited lead; CO=carbon monoxide; FCAA=Federal Clean Air Act; H₂S=hydrogen sulfide; NO₂=nitrogen dioxide; NO_x=nitrogen oxide; O₃=ozone; Pb=lead; PM_{2.5}=particulate matter less than 2.5 microns in diameter; ppm=parts per million; ROG=reactive organic gas; SO₂=sulfur dioxide; SO_x=sulfur oxide; TAC=toxic air contaminant; VOC=volatile organic compound; VRP=visibility reducing particles

Mobile Source Air Toxics

Controlling air toxic emissions became a national priority with the passage of the Clean Air Act Amendments (CAAA) of 1990, whereby Congress mandated that the EPA regulate 188 air toxics, also known as hazardous air pollutants. The EPA has assessed this expansive list in its rule on the Control of Hazardous Air Pollutants from Mobile Sources (*Federal Register*, Vol. 72,

No. 37, page 8430, February 26, 2007), and identified a group of 93 compounds emitted from mobile sources that are part of EPA's Integrated Risk Information System (<https://www.epa.gov/iris>). In addition, the EPA identified nine compounds with significant contributions from mobile sources that are among the national and regional-scale cancer risk drivers or contributors and non-hazard contributors from the 2011 National Air Toxics Assessment (<https://www.epa.gov/national-air-toxics-assessment>). These are *1,3-butadiene*, *acetaldehyde*, *acrolein*, *benzene*, *DPM*, *ethylbenzene*, *formaldehyde*, *naphthalene*, and *polycyclic organic matter*. While the Federal Highway Administration (FHWA) considers these the priority mobile source air toxics, the list is subject to change and may be adjusted in consideration of future EPA rules.

Greenhouse Gasses

The term greenhouse gas (GHG) is used to describe atmospheric gases that absorb solar radiation and subsequently emit radiation in the thermal infrared region of the energy spectrum, trapping heat in the Earth's atmosphere. These gases include carbon dioxide (CO₂), methane, nitrous oxide, and water vapor, among others. A growing body of research attributes long-term changes in temperature, precipitation, and other elements of Earth's climate to large increases in GHG emissions since the mid-nineteenth century, particularly from human activity related to fossil fuel combustion. Anthropogenic GHG emissions of particular interest include CO₂, methane, nitrous oxide, and fluorinated gases.

GHGs differ in how much heat each traps in the atmosphere global warming potential. CO₂ is the most important GHG, so amounts of other gases are expressed relative to CO₂, using a metric called "carbon dioxide equivalent" (CO₂e). The global warming potential of CO₂ is assigned a value of 1, and the warming potential of other gases is assessed as multiples of CO₂. For example, the 2007 International Panel on Climate Change *Fourth Assessment Report* calculates the global warming potential of methane as 25 and the global warming potential of nitrous oxide as 298, over a 100-year time horizon.¹ Generally, estimates of all GHGs are summed to obtain total emissions for a project or given time period, usually expressed in metric tons or million metric tons.²

As evidence has mounted for the relationship of climate changes to rising GHGs, federal and state governments have established numerous policies and goals targeted to improving energy efficiency and fuel economy, and reducing GHG emissions. Nationally, electricity generation is the largest source of GHG emissions, followed by transportation. In California, however, transportation is the largest contributor to GHG emissions.

At the federal level, NEPA (42 United States Code Part 4332) requires federal agencies to assess the environmental effects of their proposed actions prior to making a decision on the action or project.

¹ See Table 2.14 in International Panel on Climate Change Fourth Assessment Report: Climate Change 2007 (AR4): The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom, and New York, NY, USA. <http://www.ipcc.ch/pdf/assessment-report/ar4/wg1/ar4-wg1-chapter2.pdf>.

² See <http://www.airquality.org/Businesses/CEQA-Land-Use-Planning/CEQA-Guidance-Tools>.

To date, no national standards have been established for nationwide mobile-source GHG reduction targets, nor have any regulations or legislation been enacted specifically to address climate change and GHG emissions reduction at the project level. However, the EPA and the National Highway Traffic Safety Administration issued the first corporate fuel economy standards in 2010, requiring cars and light-duty vehicles to achieve certain fuel economy targets by 2016, with the intention of gradually increasing the targets and the range of vehicles to which they would apply.

Regulations

Federal and California Clean Air Acts

The Federal Clean Air Act (FCAA), as amended, is the primary federal law that governs air quality while the California Clean Air Act (CCAA) is its companion state law. These laws and related regulations by the EPA and the ARB set standards for the concentration of pollutants in the air. At the federal level, these standards are called NAAQS. NAAQS and state ambient air quality standards have been established for six transportation-related criteria pollutants that have been linked to potential health concerns: CO, NO₂, O₃, PM (which is broken down for regulatory purposes into PM₁₀ and particles of PM_{2.5}), and SO₂. In addition, national and state standards exist for Pb, and state standards exist for visibility reducing particles, sulfates, hydrogen sulfide, and vinyl chloride. The NAAQS and state standards are set at levels that protect public health with a margin of safety, and are subject to periodic review and revision. Both state and federal regulatory schemes also cover toxic air contaminant (TAC) pollutants; some criteria pollutants are also air toxics or may include certain air toxics in their general definition.

National Environmental Policy Act (NEPA)

NEPA requires that policies and regulations administered by the federal government are consistent with its environmental protection goals. NEPA also requires that federal agencies use an interdisciplinary approach to planning and decision-making for any actions that could impact the environment. It requires environmental review of federal actions including the creation of Environmental Documents (EDs) that describe the environmental effects of a proposed project and its alternatives (including a section on air quality impacts).

California Environmental Quality Act (CEQA)

CEQA³ is a statute that requires state and local agencies to identify the significant environmental impacts of their actions and to avoid or mitigate those impacts, if feasible. CEQA documents address CCAA requirements for transportation projects. While state standards are often more strict than federal standards, the state has no conformity process.

Greenhouse Gas (GHG) Reduction Regulations

California has enacted aggressive GHG reduction targets, starting with Assembly Bill 32, the California Global Warming Solutions Act of 2006. Assembly Bill 32 is California's signature climate change legislation. It set the goal of reducing statewide GHG emissions to 1990 levels by 2020, and required the California Air Resources Board (ARB) to develop a Scoping Plan that describes the approach California will take to achieve that goal and to update it every 5 years. In

³ For general information about CEQA, see: <http://resources.ca.gov/ceqa/more/faq.html>.

2015, Governor Jerry Brown enhanced the overall adaptation planning effort with Executive Order B-30-15, establishing an interim GHG reduction goal of 40 percent below 1990 levels by 2030, and requiring state agencies to factor climate change into all planning and investment decisions.

Senate Bill (SB) 375, the Sustainable Communities and Climate Protection Act of 2008, furthered state climate action goals by mandating coordinated transportation and land use planning through preparation of Sustainable Communities Strategies (SCS). The ARB sets GHG emissions reduction targets for passenger vehicles for each region. Each regional metropolitan planning organization must include in its Regional Transportation Plan (RTP) a SCS proposing actions toward achieving the regional emissions reduction targets.⁴

SB 743, Chapter 386, which became effective in September 2013, changes the metric of consideration for transportation impacts pursuant to CEQA from a focus on automobile delay to alternative methods focused on vehicle miles traveled (VMT), to promote the state's goals of reducing greenhouse gas emissions and traffic related air pollution and promoting multimodal transportation while balancing the needs of congestion management and safety.

SB 150, Chapter 150 (2017) requires ARB to prepare a report that assesses progress made by each metropolitan planning organization in meeting their established regional greenhouse gas emission reduction targets.

Executive Order B-55-18 (September 2018) sets a new statewide goal to achieve and maintain carbon neutrality no later than 2045. This goal is in addition to existing statewide targets of reducing GHG emissions.

With these and other State Senate and Assembly bills and executive orders, California advances an innovative and proactive approach to dealing with GHG emissions and climate change.

San Luis Obispo County Air Pollution Control District (APCD)

In 1970, California legislation was passed that placed the primary responsibility of controlling air pollution at the local level. Following this action, the San Luis Obispo County Board of Supervisors formed the San Luis Obispo County APCD and became the APCD Board. In 1995, the APCD Board was expanded to include representation from all incorporated cities throughout the county. Today, the APCD Board consists of twelve members; five County Supervisors and one city council member from each of the seven incorporated cities. The San Luis Obispo APCD is one of 35 air districts located throughout California. The Board is the decision-making body for the District and is responsible for adopting rules, setting policies and providing direction on important air quality issues impacting the county.

In 2009, the APCD adopted guidelines for assessment and mitigation of air quality impacts under CEQA. The CEQA Air Quality Handbook, which was updated in 2012 (APCD 2012) and subsequently amended in 2017 (APCD 2017a), is an advisory document that provides lead agencies, consultants, and project applicants with uniform procedures for addressing air quality issues in environmental documents. The CEQA Air Quality Handbook also includes standard construction and operational mitigation measures that may be applied to projects that exceed APCD thresholds. For instance, the APCD requires inclusion of Best Available Control Technology (BACT) for construction equipment when estimated ozone precursor emissions for

⁴ <https://www.arb.ca.gov/cc/sb375/sb375.htm>

the equipment and vehicle fleet are expected to exceed adopted thresholds of significance and implementation of fugitive dust control measures (watering of the grading site, vegetation of exposed soils, early roadway paving, construction vehicle speed control, etc.) for any project with a grading area greater than 4 acres or that are located within 1,000 feet of any sensitive receptor.

Clean Air Plan

The APCD first adopted the Clean Air Plan in January 1992. It was updated in 1998 and again in 2001. The Clean Air Plan is a comprehensive planning document designed to reduce emissions from traditional industrial and commercial sources. The Clean Air Plan also aims to reduce emissions from motor vehicles by establishing goals and targets for reducing personal vehicle trips and trip lengths, such as encouraging or promoting multimodal alternatives. The purpose of the Clean Air Plan is to address the attainment and maintenance of state and federal ambient air quality standards by following a comprehensive set of emission control measures within the plan.

APCD Strategic Action Plan

The APCD first adopted a Strategic Action Plan (SAP) in 2004 to guide how the District resources and efforts are applied. The most recent SAP is the 2013-2017 SAP Update, which includes the following six strategic goals and associated performance measures:

- **Goal: Achieve and maintain attainment with National and State health based standards.**
Performance Measures:
 1. State and Federal air quality standards are attained
 2. Ozone design values and precursor emissions trend downward or do not increase over a running 10-year period
 3. PM10 and PM2.5 design values and emissions trend downward over a running 10-year period
- **Goal: Manage toxic air contaminants to protect public health and meet risk thresholds.**
Performance Measures:
 1. All new development approved by lead agencies meets the [SLOAPCD] Board [of Directors]- approved health risk thresholds in the APCD CEQA Handbook
 2. All new Authorities to Construct approved by APCD meet the Board-approved health risk thresholds
 3. All sources subject to State and Federal Air Toxics Regulations are in compliance with applicable requirements
- **Goal: Ensure air quality and public health impacts from land use are addressed.**
Performance Measures:
 1. Approved air quality mitigation measures for new development projects are fully implemented.

2. Ratio of new residential development generated outside vs. inside urban and village reserve lines declines annually (specific reduction goal to be established after baseline is determined)
3. All new development approved by lead agencies meets the Board-approved health risk thresholds in the APCD CEQA Handbook

- **Goal: Minimize local and regional greenhouse gas emissions and impacts to meet State and Federal requirements.**

Performance Measures:

1. Greenhouse gas emissions (GHGs) in SLO County trend downward to meet the requirements of AB 32

- **Goal: Enhance awareness of local air quality and engage the community in working to promote clean air.**

Performance Measures:

1. Increased understanding of air quality issues by county residents and businesses over the period of this plan (specific improvement goal to be established after baseline is determined).
2. Increased action by county residents to reduce personal impacts to air quality.
3. Increase public and business awareness of APCD programs and operations.

- **Goal: Ensure quality and cost-effective service is provided in all program areas.**

Performance Measures:

1. Service and budget-based performance indicators meet overall performance rating of “Good.”
2. Job knowledge ratings on annual staff performance evaluations are “above satisfactory” or better for the District as a whole.
3. Programs are adequately staffed and funded with non-reserve funds.
4. Funding reserves are maintained at or above 20% of annual budget.

City of San Luis Obispo

Climate Action Plan

The City’s Climate Action Plan (CAP), adopted by Resolution No. 11159 in August 2020, is an update to the City’s prior 2012 CAP. The 2020 CAP is a strategic document based on the idea that effective global solutions to climate change will largely be the result of collective action of local communities and governments. The 2020 CAP enables the City to maintain local control of implementing state direction to reduce GHG emissions to 1990 levels by 2020 (AB 32) and to 40 percent below 1990 levels by 2030 (SB 32). The 2020 CAP also sets a goal of carbon neutrality by 2035. The adjusted GHG emissions forecast shows that implementation of all strategies in this plan can achieve a 204,330 MT CO₂e reduction from 2005 baseline levels by 2030, which will meet required SB 32 state reduction goals (City of San Luis Obispo 2020a). The 2020 CAP includes strategies that can achieve 40 percent reduction from baseline levels by 2030, which will meet required SB 32 state reduction goals, and identifies six pillars for

achieving citywide carbon neutrality by the year 2035. The 2020 CAP identifies measures and policies applicable to development within the City for reducing carbon emissions from various sources, including energy consumption, transportation, and organic waste disposal, to achieve this target.

Clean Energy Choice Program for New Buildings

In August 2020, the City developed local amendments to the 2019 California Building Code (CBC) to encourage all-electric new buildings. The amended CBC, as codified in Municipal Code Section 15.04.110, allows all-electric new buildings to be built to minimum code standards and requires mixed-fuel buildings to be substantially more efficient or include additional solar generation or battery storage. The program also requires solar on nonresidential buildings. When paired with Central Coast Community Energy's (formerly Monterey Bay Community Power) clean electricity supply, all electric new buildings have very low operational emissions and avoid health and safety issues associated with fossil fuels and GHGs. The City Council approved the Clean Energy Choice Program for New Buildings in June 2020. With this approval, the City joins more than 50 other California communities currently considering ways to encourage cleaner buildings. Unlike some cities that are banning natural gas entirely, the Clean Energy Choice Program for New Buildings will provide options to people who want to develop new buildings with natural gas.

Environmental Setting

The project site is located in the South Central Coast Air Basin (Basin), which covers San Luis Obispo, Santa Barbara, and Ventura counties. The San Luis Obispo County Air Pollution Control District (APCD) monitors and regulates the local air quality in the San Luis Obispo County portion of the Basin and manages the Strategic Action Plan (SAP), which provides the goals, performance measures, and strategies intended to guide APCD's actions over a 5-year period. The analysis presented in this section is based partially on information from the APCD's CEQA Air Quality Handbook, adopted in 2012, and APCD's 2017 Clarification Memorandum published November 14, 2017.

Current Ambient Air Quality

San Luis Obispo APCD operates a network of air quality monitoring stations throughout the Basin that measure ambient concentrations of pollutants to determine whether ambient air quality meets federal and state standards. The monitoring station closest to the project site is the Higuera Street monitoring station, which is located approximately 1.3 miles southwest of the project site. Table 3 indicates the number of days each air quality standard was exceeded at the Higuera Street station for the most recent years in which data is available. Shown therein, the state PM₁₀ standard was exceeded in 2017 and 2019. In addition, the federal PM_{2.5} standard was exceeded in 2018.

San Joaquin Valley Fever

San Joaquin Valley Fever (Valley Fever), formally known as Coccidioidomycosis, is an infectious disease caused by the fungus *Coccidioides immitis*. Valley Fever is a disease of concern in the Basin. Infection is caused by inhalation of *Coccidioides immitis* spores that have become airborne when dry, dusty soil or dirt is disturbed by natural processes, such as wind or

earthquakes, or by human- induced ground-disturbing activities, such as construction, farming, or other activities (APCD, 2021). In 2019, the number of cases of Valley Fever reported in California was 9,004, with 265 cases reported in San Luis Obispo County (California Department of Public Health 2019). Between 2009 and 2012, the proportion of Valley Fever cases in the vicinity of the project site (City of San Luis Obispo) ranged from 0 to 38 cases per 100,000 people (County of San Luis Obispo 2014).

Table 3. Local Ambient Air Quality Measured at Higuera Street Station

| Pollutant | 2017 | 2018 | 2019 |
|--|-------|-------|-------|
| 8-Hour Ozone (ppm), 8-Hr Maximum | 0.066 | 0.053 | 0.060 |
| Number of Days of State exceedances (>0.070) | 0 | 0 | 0 |
| Number of days of Federal exceedances (>0.070) | 0 | 0 | 0 |
| Ozone (ppm), Worst Hour | 0.074 | 0.062 | 0.064 |
| Number of days of State exceedances (>0.09 ppm) | 0 | 0 | 0 |
| Number of days of Federal exceedances (>0.112 ppm) | 0 | 0 | 0 |
| Nitrogen Dioxide (ppb) - Worst Hour ¹ | 32.0 | 25.0 | 25.0 |
| Number of days of State exceedances (>0.18 ppm) | 0 | 0 | 0 |
| Number of days of Federal exceedances (0.10 ppm) | 0 | 0 | 0 |
| Particulate Matter 10 microns, mg/m ³ , Worst 24 Hours | 70.1 | 46.4 | 103.7 |
| Number of days above Federal standard (>150 mg/m ³) | 0 | 0 | 0 |
| Number of days above State standard (>50 mg/m ³) | 5 | 0 | 1 |
| Particulate Matter <2.5 microns, mg/m ³ , Worst 24 Hours | 25.6 | 38.4 | 14.8 |
| Number of days above Federal standard (>35 mg/m ³) | 0 | 1 | 0 |
| ¹ Nitrogen dioxide data is not available at the Higuera Street monitoring station for 2017-2019 and is instead provided for the nextnearest station: Nipomo-Regional Park, located approximately 16 miles south of the project site. Source: CARB 2021 | | | |

Sensitive Receptors

Ambient air quality standards were established to represent the levels of air quality considered sufficient, with a margin of safety, to protect public health and welfare. They are designed to protect the segment of the public that is most susceptible to respiratory distress, such as children under 14, the elderly over 65, persons engaged in strenuous work or exercise, and people with cardiovascular and chronic respiratory diseases. The majority of sensitive receptor locations are places such as schools, hospitals, and residences. Project vicinity sensitive receptors are shown in Figure 5.

Figure 5. Sensitive Receptor Locations



Impact Analysis

Methodology

Criteria pollutant and GHG emissions for project construction and operation were estimated using CalEEMod version 2020.4.0. 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 emissions associated with both construction and operations from a variety of land use projects. The model was developed for the California Air Pollution Control Officers Association (CAPCOA) in collaboration with the California air districts. CalEEMod allows for the use of default data (e.g., emission factors, trip lengths, meteorology, source inventory) provided by the various California air districts to account for local requirements and conditions, and/or user-defined inputs. The model calculates criteria pollutant emissions of CO, PM₁₀, PM_{2.5}, SO₂, and the ozone precursors, ROG and NO_x. The calculation methodology and input data used in CalEEMod can be found in the CalEEMod User's Guide Appendices A, D, and E (CAPCOA 2021).

The input data and subsequent construction and operation emission estimates for the proposed project are discussed below. CalEEMod output files for the project are included in Appendix B to this report. The "General Light Industrial" land use category was applied to all project buildings, and the "Other Non-Asphalt Surfaces" land use category was applied to the railroad right of way improvements.

An air toxics health risk assessment (HRA) was also prepared for this project that focuses on CCLF diesel particulate matter (DPM) emissions. Locomotive emissions were calculated per the United States Environmental Protection Agency (EPA) publication *Emission Factors for Locomotives* (EPA 2009). The HRA is included in the appendix to this report.

Construction Emissions

Project construction would primarily generate temporary criteria pollutant emissions from construction equipment operation on-site, construction worker vehicle trips to and from the site, and transport of materials. Construction input data for CalEEMod include but are not limited to: (1) the anticipated start and finish dates of construction activity; (2) inventories of construction equipment to be used; (3) areas to be excavated and graded; and (4) materials to be imported to and exported from the project site. The analysis assessed maximum daily emissions from individual construction activities, including site preparation, grading, building construction, paving, and architectural coating. Construction would require heavy equipment during site preparation, grading, building construction, and paving. Construction equipment estimates are based on surveys of construction projects in California conducted by members of CAPCOA.

Described above under *Project Description*, CCLF construction would include rail yard and track improvements, as well as approximately 21,500 square feet of single-story structures housing a variety of functions. Also described in the Project Description, funding is currently not available to construct the entire facility at once. Instead, a phased construction approach is intended, constructing an initial portion of the facility which includes the most immediately needed elements, and adding the remaining components as the need arises and additional funding becomes available. For the purpose of providing a conservative impact analysis, project construction impacts were modeled over two phases (Phase 1 and Later Phases).

The quantity, duration, and the intensity of construction activity influences the amount of construction emissions and their related pollutant concentrations that occur at any one time. The emission forecasts modeled for this report reflect conservative assumptions where a relatively large amount of construction is occurring contemporaneously in a relatively intensive manner. If construction is delayed or occurs over a longer period, emissions would typically be reduced because of (1) a more modern and cleaner-burning construction equipment fleet mix than assumed in the CalEEMod, and/or (2) a less intensive buildout schedule (i.e., fewer daily emissions occurring over a longer time interval).

Per APCD prescribed methodology, GHG emissions from project construction activity must be quantified and amortized over the life of the project. The amortized construction emissions must be added to the annual average operational emissions and then compared to the operational thresholds. APCD recommends using 50 years for residential projects and 25 years for commercial projects.

Given the phased nature of this project, final project buildout would not likely occur until 10 years or more following initial construction activity. To assume a 25-year amortization period would effectively assume a 15-year (or less) useful life for latter project development phases. For this reason, a 30-year amortization period would be more appropriate yet still provide a conservative estimate of proposed project GHG emissions.

Operational Emissions

Operations-period emissions would include those related to worker commute and vendor trips, building/site maintenance activities, building energy consumption demands, and locomotive movement/idling activity. CalEEMod defaults were used to estimate criteria pollutant and GHG emissions associated with CCLF area, energy, and mobile sources. Locomotive emissions were calculated per the EPA publication *Emission Factors for Locomotives* (EPA 2009). Given that the Pacific Surfliner fleet will be 100 percent Tier-4 compliant prior to Phase 1 development, emissions rates were calculated accordingly. Additionally, operational emissions for the existing facility would be quantified and subtracted from the project's emissions to provide the increase in net new emissions. The existing facility's emissions sources would include be similar to

project emissions sources including area, mobile, and energy sources from the existing facility building and would include the operation of one locomotive. It was assumed the movement and idling activity (e.g., idling hours, movement distances) for the existing locomotive be the same as the project's activity.

Thresholds of Significance

Air Quality

The following thresholds are based on Appendix G of the *State CEQA Guidelines*. Impacts would be significant 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 nonattainment 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.

Per CEQA Guidelines, the significance criteria established by the regional air quality management or air quality pollution control district may be relied upon to make determinations. The APCD's recommended significance criteria are described in its *CEQA Air Quality Handbook* and are included below.

Consistency with Applicable Air Quality Plans

As recommended by the APCD, the most appropriate standard for assessing the significance of potential air quality impacts is the preparation of a consistency analysis where the project is evaluated against the land use goals, policies, and population projections contained in the current Clean Air Plan. The rationale for requiring the preparation of a consistency analysis is to ensure the attainment projections developed by the APCD are met and maintained. The APCD's *CEQA Air Quality Handbook* recommends evaluation if the project is consistent with the land use and transportation control measures and strategies outlined in the Clean Air Plan.

Construction and Operational Emissions Thresholds

The San Luis Obispo APCD (2012, 2017a) has adopted the *CEQA Air Quality Handbook* for quantifying and determining the significance of air quality emissions. Thresholds of significance contained in the *CEQA Air Quality Handbook* include:

- **Construction emissions** would be considered significant if the project were to generate more than 137 pounds of ROG and NO_x (combined) daily, or 2.5 tons of ROG and NO_x (combined) quarterly (Tier 1).
- **Construction emissions** would be considered significant if the project were to generate more than 7 pounds of diesel particulate matter daily, or 0.13 tons of diesel particulate matter quarterly (Tier 1).
- **Construction emissions** would be considered significant if the project were to generate more than 2.5 tons of PM₁₀ quarterly.
- The APCD has not established quantitative thresholds for CO emissions during construction.
- **Operations emissions** would be considered significant if the project were to generate more than 25 pounds per day of ROG and NO_x (combined), 1.25 pounds per day of diesel particulate matter (DPM), 25 pounds per day of PM₁₀, or 550 pounds per day of CO.
- **Operations emissions** would be considered significant if the project were to generate more than 25 tons per year of ROG and NO_x (combined), or 25 tons per year of PM₁₀.
- **Health risk impacts** would be considered significant if incremental cancer risk exceed 10 in 1 million or hazard index value exceed 1.0.

Greenhouse Gas Emissions

The following thresholds are based on Appendix G of the State CEQA Guidelines. Impacts would be significant if the project would:

- a. Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment;
- b. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

Most individual projects do not generate sufficient GHG emissions to directly influence climate change. However, physical changes caused by a project can contribute incrementally to significant cumulative effects, even if individual changes resulting from a project are limited. As a result, the issue of climate change typically involves an analysis of whether a project's contribution towards an impact would be cumulatively considerable. "Cumulatively considerable" means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, other current projects, and probable future projects (CEQA Guidelines Section 15064[h][1]).

The qualitative threshold option is based on a consistency analysis in comparison to a Qualified GHG Reduction Strategy, or equitably similar adopted policies, ordinances and programs. If a project complies with a Qualified GHG Reduction Strategy that is specifically applicable to the project, then the project would be considered less than significant. The City of San Luis Obispo's 2020 CAP, which is based on SB 32 GHG emissions reduction goals, serves as the City's Qualified GHG Reduction Strategy, consistent with APCD guidance and CEQA Guidelines Section 15183.5(b), which allows for streamlining of the GHG impacts analysis of projects that are consistent with the 2020 CAP. This impact analysis includes an analysis of the project's conformance with the City's adopted 2020 CAP. Therefore, the project's contribution to cumulative impacts related to GHG emissions and climate change would be cumulatively considerable if the project would be inconsistent with the City's 2020 CAP.

Attachment C to the City's 2020 CAP provides guidelines for determining a project's consistency with the 2020 CAP, and also provides quantitative GHG emission efficiency thresholds for residential, non-residential, and mixed-use projects. For non-residential projects, such as the proposed project, the GHG efficiency threshold is 0.7 MT CO_{2e} per employee. Projects that are consistent with the demographic forecasts and land use assumptions used in the 2020 CAP can use the City's CEQA GHG Emissions Analysis Compliance Checklist to demonstrate consistency with the 2020 CAP's GHG emissions reduction strategy, and if consistent, can tier from the existing programmatic environmental review contained in the adopted Initial Study-Negative Declaration (IS-ND) for the 2020 CAP. Projects that are not consistent with the demographic forecasts and land use assumptions should then consider if the project would reduce GHG emissions compared to existing on-site conditions. Projects that would result in reduced GHG emissions can also use the City's CEQA GHG Emissions Analysis Compliance Checklist to demonstrate consistency with the 2020 CAP. Projects that would not result in reduced GHG emissions are required to quantify project GHG emissions and compare the emissions to the 2020 CAP's provided efficiency threshold for the appropriate project type (City of San Luis Obispo 2020a).

Project Impacts

Air Quality

Threshold a: Would the project conflict with or obstruct implementation of the applicable air quality plan?

To be considered consistent with the San Luis Obispo County Clean Air Plan, a project must be consistent with the land use planning and transportation control measures and strategies outlined in the Clean Air Plan.

The project proposes to relocate and expand the existing Pacific Surfliner layover facility approximately 0.3-mile south of its existing location. The current location and proposed new location are both located entirely within the city's Railroad Historic District. Operation and maintenance activities (including corresponding workers) that currently occur at the existing facility would simply shift to the proposed new location. The existing facility would be decommissioned and no longer utilized. Per the reasons identified above, the proposed project would be consistent with the land use planning and transportation control measures and strategies outlined in the Clean Air Plan. 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?

Construction

As described above under *Project Description*, CCLF construction would include rail yard and track improvements, as well as approximately 21,500 square feet of single-story structures housing a variety of functions. Also described in the Project Description, funding is currently not available to construct the entire facility at once. Instead, a phased construction approach is intended, constructing an initial portion of the facility which includes the most immediately needed elements, and adding the remaining components as the need arises and additional funding becomes available. To provide a conservative impact analysis, project construction impacts were modeled over two phases (Phase 1 and Later Phases).

Project construction would generate temporary criteria pollutant emissions primarily because of operation of construction equipment on-site as well as from vehicles transporting construction workers to and from the project site and heavy trucks to haul away excavation spoils and transport building materials. As shown in Table 4, project construction emissions would not exceed APCD significance thresholds. As such, impacts would be less than significant.

Table 4. Estimate of Criteria Pollutant Emissions during Construction

| Construction Period | ROG | NO _x | ROG + NO _x | | CO | SO ₂ | PM ₁₀ | | DPM | |
|--|-----|-----------------|-----------------------|-----|-----|-----------------|------------------|------|------|------|
| | PPD | PPD | PPD | TPQ | PPD | PPD | PPD | TPQ | PPD | TPQ |
| Phase 1 | <1 | 6 | 6 | <1 | 31 | <0.1 | 6 | <1 | <0.1 | <0.1 |
| Later Phases | 12 | 2 | 14 | <1 | 8 | <0.1 | 2 | <0.1 | <0.1 | <0.1 |
| APCD Significance Threshold | N/A | N/A | 137 | 2.5 | N/A | N/A | N/A | 2.5 | 7 | 0.13 |
| Exceed Daily Threshold? | -- | -- | No | No | -- | -- | -- | No | No | No |
| PPD = pounds per day; TPQ = tons per quarter; DPM = diesel particulate matter See Appendix for Emissions Summary and CalEEMod modeling output sheets. | | | | | | | | | | |

Operations

Discussed above under *Methodology*, project and existing emissions sources would include (1) mobile emissions related to worker commute and vendor trips, (2) area source emissions related to building/site maintenance activities, (3) off-site emissions related to building energy consumption demands, (4) and locomotive movement and idling activity. Table 5 provides a conservative estimate of criteria pollutant emissions during long-term project operations. Due to lack of funding, the timing of full project buildout is uncertain. The year 2027 is used for this analysis to present maximum potential emissions. As shown in Table 5, operations-period emissions would not exceed APCD significance thresholds. Impacts would be less than significant.

Table 5. Estimate of Net New Criteria Pollutant Emissions during Full Buildout Operations

| Project Buildout – 2027 | ROG | NO _x | ROG + NO _x | | CO | SO ₂ | PM ₁₀ | | DPM |
|---|--------------|-----------------|-----------------------|--------------|----------|-----------------|------------------|----------------|----------------|
| | PPD | PPD | PPD | TPY | PPD | PPD | PPD | TPY | PPD |
| Project Facility (Area, Mobile, Energy) | <1 | <0.1 | <1 | <1 | <1 | <0.1 | <1 | <0.1 | <0.1 |
| Locomotives | <1 | 5 | 5 | <1 | 7 | <0.1 | <0.1 | <0.1 | <0.1 |
| Total Project Emissions | <1 | 5 | 6 | 1 | 7 | <0.1 | <1 | <0.1 | <0.1 |
| Total Existing Emissions | <0.1 | 1 | 1 | <1 | 2 | <0.1 | <0.1 | <0.1 | <0.1 |
| Net Project Emissions | <1 | 4 | 5 | <1 | 5 | <0.1 | <1 | <0.1 | <0.1 |
| APCD Significance Threshold | N/A | N/A | 25 | 25 | N/A | N/A | 25 | 25 | 1.25 |
| Exceed Daily Threshold? | -- | -- | No | No | -- | -- | -- | No | No |
| Includes locomotive idle and movement emissions. PPD = pounds per day; TPY = tons per year; DPM = diesel particulate matter See Appendix for Emissions Summary and CalEEMod modeling output sheets. | | | | | | | | | |

Threshold c: Would the project expose sensitive receptors to substantial pollutant concentrations?

Carbon Monoxide (CO) Hot Spots

A CO hotspot is a localized concentration of CO that exceeds a CO ambient air quality standard. Localized CO hotspots can occur at intersections with heavy peak hour traffic. Specifically, hotspots can be created at intersections where traffic levels are sufficiently high such that the local CO concentration exceeds the state one-hour standard of 20.0 parts per million (ppm) or the state eight-hour standard of 9.0 ppm.

The entire Basin is in conformance with state and federal CO standards, and most air quality monitoring stations no longer report CO levels. No stations within the vicinity of the project site have monitored CO in the last 20 years, and the County is not required to monitor for CO (SLOAPCD 2017b). As shown in Table 5, project operations from area, energy, and mobile

emissions sources combined would result in a net increase in maximum daily CO emissions of less than one pound per day. The APCD daily and annual CO threshold of 550 pounds per day is designed to be protective of public health. Based on the low background level of CO in the project area, ever-improving vehicle emissions standards for new cars in accordance with state and federal regulations, and the project's low level of operational CO emissions, the project would not create new CO hotspots or contribute substantially to existing CO hotspots. Therefore, the project would not expose sensitive receptors to substantial CO concentrations, and localized air quality impacts related to CO hot spots would be less than significant.

San Joaquin Valley Fever

Project construction activities, including grading and construction vehicle traffic, could generate substantial localized quantities of dust and expose sensitive receptors (i.e., nearby residents, construction workers, etc.) to potential health hazards associated with the *Coccidioides* fungus, particularly during periods of high wind. Extended periods of high heat or unusually windy conditions could increase fugitive dust emissions and the associated potential for exposure to *Coccidioides immitis* spores. The project applicant and all construction contractors operating on the site would be required to implement all of California Title 8 safety and health regulations necessary to protect employees from Valley Fever, which is caused by the *Coccidioides* fungus. Nevertheless, sensitive receptors could be exposed to potential health hazards associated with the *Coccidioides* fungus during project construction, and this impact would be potentially significant, requiring preparation of a Construction Valley Fever Plan to ensure the implementation of risk-minimizing Valley Fever suppression measures during construction (refer to Mitigation Measure AQ-1). Impacts would be less than significant with mitigation.

Naturally Occurring Asbestos (NOA)

Although the project would not result in the demolition of structures that may contain asbestos materials, the project would result in excavation and grading of soils within a mapped NOA buffer area, which may release NOA into the air. Since the project site lies within an area with the potential to contain NOA per the San Luis Obispo APCD NOA map, compliance with the NOA ATCM would be required. The NOA Air Toxics Control Measure (ATCM) requires submittal of a geologic evaluation determining whether serpentine rock is present on a project site, and if so, to what extent (less or more than 1 acre). Depending on the results of the geologic evaluation, the project would be required to file an exemption request form (if no serpentine is present), a Mini Dust Control Measure Plan (if less than 1 acre of serpentine is present), or an Asbestos Dust Control Measure Plan (if more than 1 acre of serpentine is present).

Presuming the project would disturb more than 1 acre of serpentine, the project would be required to submit a geologic evaluation and Asbestos Dust Control Measure Plan to the APCD for approval. Because serpentine rock containing NOA may be present on the project site,

compliance with the NOA ATCM outlined in Mitigation Measure AQ-2 would be required. Impacts would be less than significant with mitigation.

Diesel Particulate Matter (DPM) Emissions

Construction-related activities would result in short-term, project-generated emissions of DPM exhaust emissions from off-road, heavy-duty diesel equipment for site preparation grading, building construction, and other construction activities. DPM was identified as a toxic air contaminant (TAC) by the California Air Resources Board in 1998.

Operational TACs include both organic and inorganic chemical substances that may be emitted from a variety of common sources, including gasoline stations, motor vehicles, dry cleaners, industrial operations, painting operations, and research and teaching facilities. Operation of the project, which includes specialized light industrial uses, would not generate substantial TAC emissions because they would not involve use of substances known to emit TACs.

As shown previously in Table 4 and Table 5, neither project construction nor operational emissions would exceed the APCD's adopted DPM thresholds. Nevertheless, a DPM health risk assessment (HRA) was prepared to ascertain the incremental cancer risk that may result from locomotive engine idling associated with the proposed CCLF. The HRA is provided in the Appendix to this report. The HRA analysis assumes that each train overnighing at the CCLF would idle up to 90 minutes per day, approximately 30 minutes at shutdown and 60 minutes at startup. Two trains would overnight at the CCLF at completion of Phase 1 construction. This number is estimated to increase to three trains in five years, then to four trains in ten years.

Although commercial and school uses are present within ¼-mile of the proposed CCLF, the HRA focused on residential uses only. This is because locomotive idling would generally occur between the hours 9 pm and 6 am, when workers and students are not present. As shown below in Table 6, potential impacts would not exceed APCD significance thresholds. Impacts would be less than significant.

Table 6. Estimate of Incremental Cancer Risk

| | Incremental Cancer Risk | Hazzard Index |
|--|--------------------------------|----------------------|
| Residential MEI Location | 4.9 in 1 million | 0.002 |
| APCD Significance Criteria | 10.0 in 1 million | 1.0 |
| Exceed Threshold? | No | No |
| MEI = maximally exposed individual See Appendix for risk calculation worksheets, AERMOD modeling output sheets, and cancer risk contour maps. | | |

Mitigation Measures

AQ-1 Valley Fever Suppression Measures

The LOSSAN Rail Corridor Agency and contractor(s) shall prepare a Construction Valley Fever Plan to ensure the implementation of the following measures during construction activities to reduce impacts related to Valley Fever.

- A. If peak daily wind speeds exceed 15 mph or peak daily temperatures exceed 95 degrees Fahrenheit for three consecutive days, additional dust suppression measures (such as additional water or the application of additional soil stabilizer) shall be implemented prior to and immediately following ground disturbing activities. The additional dust suppression shall continue until winds are 10 mph or lower and outdoor air temperatures are below a peak daily temperature of 90 degrees for at least two consecutive days.
- B. Heavy construction equipment traveling on un-stabilized roads within the project site shall be preceded by a water truck to dampen roadways and reduce dust from transportation along such roads.
- C. The LOSSAN Rail Corridor Agency shall notify the San Luis Obispo County Public Health Department and the City not more than 60 nor less than 30 days before construction activities commence to allow the San Luis Obispo County Public Health Department the opportunity to provide educational outreach to community members and medical providers, as well as enhanced disease surveillance in the area both during and after construction activities involving grading.
- D. Prior to any project grading activity, the project construction contractor(s) shall prepare and implement a worker training program that describes potential health hazards associated with Valley Fever, common symptoms, proper safety procedures to minimize health hazards, and notification procedures if suspected work-related symptoms are identified during construction, including the fact that certain ethnic groups and immune-compromised persons are at greater risk of becoming ill with Valley Fever. The objective of the training shall be to ensure the workers are aware of the danger associated with Valley Fever. The worker training program shall be included in the standard in-person training for project workers and shall identify safety measures to be implemented by construction contractors during construction. Prior to initiating any grading, the LOSSAN Rail Corridor Agency shall provide the City and the San Luis Obispo County Public Health Department with copies of all educational training material for review and approval. No later than 30 days after any new employee or employees begin work, the project developer shall submit evidence to the City that each employee has acknowledged receipt of the training (e.g., sign-in sheets with a statement verifying receipt and understanding of the training).

E. The LOSSAN Rail Corridor Agency shall work with a medical professional, in consultation with the San Luis Obispo County Public Health Department, to develop an educational handout for on-site workers and surrounding residents within three miles of the project site that includes the following information on Valley Fever:

- Potential sources/causes
- Common symptoms
- Options or remedies available should someone be experiencing these symptoms
- The location of available testing for infection

Prior to any project grading activity, this handout shall have been created by the LOSSAN Rail Corridor Agency and reviewed by the City. No less than 30 days prior to any surface disturbance (e.g., grading, filling, trenching) work commencing, this handout shall be mailed to all existing residences within three miles of the project site.

Plan Requirements and Timing. The LOSSAN Rail Corridor Agency shall submit the Construction Valley Fever Plan to the City and SLOAPCD for review prior to the issuance of grading permits for the first project phase. The LOSSAN Rail Corridor Agency shall submit proof that San Luis Obispo County Public Health Department has been notified prior to commencement of construction activities; a worker training program has been conducted; and the educational handout has been mailed to existing residences within three miles of the project site.

Monitoring. The City shall verify compliance with the Construction Valley Fever Plan during the grading phases of project construction. The City shall also verify notification of the San Luis Obispo County Public Health Department, implementation of the worker training program, and mailing of the educational handout via developer -submitted materials.

AQ-2 Naturally Occurring Asbestos Air Toxics Control Measure Compliance

The LOSSAN Rail Corridor Agency shall prepare a geologic evaluation to determine and describe the extent of serpentine rock on the project site. Depending on the conclusions of the geologic evaluation, the LOSSAN Rail Corridor Agency shall prepare and file:

- An exemption request form (if no serpentine is present);
- A Mini Dust Control Measure Plan (if less than 1 acre of serpentine is present); or
- An Asbestos Dust Control Measure Plan (if more than 1 acre of serpentine is present).

If the project requires either a Mini Dust Control Measure Plan or an Asbestos Dust Control Measure Plan, the LOSSAN Rail Corridor Agency will be required to submit the geologic

evaluation and Mini Dust Control Measure Plan or an Asbestos Dust Control Measure Plan to the APCD for approval prior to the issuance of grading permits for the first project phase.

Plan Requirements and Timing. The LOSSAN Rail Corridor Agency shall submit the geologic evaluation and Mini Dust Control Measure Plan or an Asbestos Dust Control Measure Plan to the City and APCD for review prior to the issuance of grading permits for the first project phase.

Monitoring. The City shall verify compliance with the Mini Dust Control Measure Plan or an Asbestos Dust Control Measure Plan during the grading phases of project construction.

AQ-3 Fugitive Dust Control Measures

Construction activities can generate fugitive dust, which could be a nuisance to residents and businesses in close proximity to the proposed construction site. Projects with grading areas more than 4 acres and/or within 1,000 feet of any sensitive receptor shall implement the following mitigation measures to manage fugitive dust emissions such that they do not exceed the APCD 20% opacity limit ([APCD Rule 401](#)) and minimize nuisance ([APCD Rule 402](#)) impacts:

- a. Reduce the amount of the disturbed area where possible;
- b. Use of water trucks or sprinkler systems in sufficient quantities to prevent airborne dust from leaving the site and from exceeding the APCD's limit of 20% opacity for greater than 3 minutes in any 60-minute period. Increased watering frequency would be required whenever wind speeds exceed 15 mph. Reclaimed (non-potable) water should be used whenever possible. When drought conditions exist and water use is a concern, the contractor or builder should consider use of a dust suppressant that is effective for the specific site conditions to reduce the amount of water used for dust control. Please refer to the following link from the San Joaquin Valley Air District for a list of potential dust suppressants: [Products Available for Controlling Dust](#);
- c. All dirt stockpile areas should be sprayed daily and covered with tarps or other dust barriers as needed;
- d. All roadways, driveways, sidewalks, etc. to be paved should be completed as soon as possible, and building pads should be laid as soon as possible after grading unless seeding, soil binders or other dust controls are used;
- e. All trucks hauling dirt, sand, soil, or other loose materials are to be covered or should maintain at least two feet of freeboard (minimum vertical distance between top of load

and top of trailer) or otherwise comply with California Vehicle Code (CVC) Section 23114;

- f. “Track-Out” is defined as sand or soil that adheres to and/or agglomerates on the exterior surfaces of motor vehicles and/or equipment (including tires) that may then fall onto any highway or street as described in CVC Section 23113 and California Water Code 13304. To prevent ‘track out’, designate access points and require all employees, subcontractors, and others to use them. Install and operate a ‘track-out prevention device’ where vehicles enter and exit unpaved roads onto paved streets. The ‘track-out prevention device’ can be any device or combination of devices that are effective at preventing track out, located at the point of intersection of an unpaved area and a paved road. Rumble strips or steel plate devices need periodic cleaning to be effective. If paved roadways accumulate tracked out soils, the track-out prevention device may need to be modified;
- g. All fugitive dust mitigation measures shall be shown on grading and building plans;
- h. The contractor or builder shall designate a person or persons whose responsibility is to ensure any fugitive dust emissions do not result in a nuisance and to enhance the implementation of the mitigation measures as necessary to minimize dust complaints and reduce visible emissions below the APCD’s limit of 20% opacity for greater than 3 minutes in any 60-minute period. Their duties shall include holidays and weekend periods when work may not be in progress (for example, wind-blown dust could be generated on an open dirt lot). The name and telephone number of such persons shall be provided to the APCD Compliance Division prior to the start of any grading, earthwork or demolition (Contact the Compliance Division at 805-781-5912).
- i. Permanent dust control measures identified in the approved project revegetation and landscape plans should be implemented as soon as possible, following completion of any soil disturbing activities;
- j. Exposed ground areas that are planned to be reworked at dates greater than one month after initial grading should be sown with a fast germinating, non-invasive grass seed and watered until vegetation is established;
- k. All disturbed soil areas not subject to revegetation should be stabilized using approved chemical soil binders, jute netting, or other methods approved in advance by the APCD;
- l. Vehicle speed for all construction vehicles shall not exceed 15 mph on any unpaved surface at the construction site;

- m. Sweep streets at the end of each day if visible soil material is carried onto adjacent paved roads. Water sweepers shall be used with reclaimed water where feasible. Roads shall be pre-wetted prior to sweeping when feasible;
- n. Take additional measures as needed to ensure dust from the project site is not impacting areas outside the project boundary.

Plan Requirements and Timing. The LOSSAN Rail Corridor Agency shall submit a Fugitive Dust Control Plan to the City and APCD for review prior to the issuance of grading permits for the first project phase.

Monitoring. The City shall verify compliance with the Fugitive Dust Control Measure Plan during the grading phases of project construction.

AQ-4 Limits of Idling During Construction Phase

State law prohibits idling diesel engines for more than 5 minutes. All projects with diesel-powered construction activity shall comply with Section 2485 of Title 13 of the California Code of Regulations and the 5-minute idling restriction identified in Section 2449(d)(2) of the California Air Resources Board's In-Use Off-Road Diesel regulation to minimize toxic air pollution impacts from idling diesel engines. The specific requirements and exceptions for the on-road and off-road regulations can be reviewed at the following web sites:

arb.ca.gov/sites/default/files/classic//msprog/truck-idling/13ccr2485_09022016.pdf and arb.ca.gov/regact/2007/ordiesl07/frooal.pdf.

In addition, because this project is within 1,000 feet of sensitive receptors, the project applicant shall comply with the following more restrictive requirements to minimize impacts to nearby sensitive receptors.

1. Staging and queuing areas shall not be located within 1,000 feet of sensitive receptors;
2. Diesel idling within 1,000 feet of sensitive receptors shall not be permitted;
3. Use of alternative fueled equipment is recommended; and
4. Signs that specify no idling areas must be posted and enforced at the site.

Plan Requirements and Timing. The LOSSAN Rail Corridor Agency shall comply with Section 2485 of Title 13 of the California Code of Regulations and the 5-minute idling restriction identified in Section 2449(d)(2) of the California Air Resources Board's In-Use Off-Road Diesel regulation to minimize toxic air pollution impacts from idling diesel engines.

Monitoring. The City shall verify compliance with Section 2485 of Title 13 of the California Code of Regulations and the 5-minute idling restriction during all phases of project construction.

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

Project construction would generate odors associated with fugitive dust and construction equipment exhaust. The proposed construction activities would not differ significantly from those resulting from any other type of construction project. Any effects would be short-term in nature and limited to the project construction phase. Impacts would be less than significant.

Cumulative Impacts

Cumulative impacts can result from individually minor but collectively significant projects taking place over a period of time. The region of analysis for cumulative effects on air quality is the Basin. The Basin experiences chronic exceedances of state and federal ambient air quality standards because of past and present projects and is subject to continued nonattainment status by reasonably foreseeable future projects. These nonattainment conditions within the region are considered cumulatively significant. The APCD has prepared, and periodically updates, the County's regional Clean Air Plan that sets forth a comprehensive and integrated program that will lead the Basin into compliance with the federal and State air quality standards.

As previously discussed, the proposed project would be consistent with the Clean Air Plan, which is intended to bring the Basin into attainment for all criteria pollutants. Per APCD rules and mandates, as well as the CEQA requirement that significant impacts be mitigated to the extent feasible, these same requirements (i.e., implementation of all feasible mitigation measures and compliance with adopted Clean Air Plan emissions control measures) would also be imposed on all projects Basin-wide, which would include all nearby projects. For these reasons identified above, project emissions would not be cumulatively considerable.

Greenhouse Gas Emissions

Threshold a: Would the project generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?

Threshold b: Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Construction

As described above under *Project Description*, CCLF construction would include rail yard and track improvements, as well as approximately 21,500 square feet of single-story structures housing a variety of functions. Also described in the *Project Description*, funding is currently

not available to construct the entire facility at once. Instead, a phased construction approach is intended, constructing an initial portion of the facility which includes the most immediately needed elements, and adding the remaining components as the need arises and additional funding becomes available. For the purpose of providing a conservative impact analysis, project construction impacts were modeled over two phases (Phase 1 and Later Phases).

Project construction would generate temporary GHG emissions primarily because of operation of construction equipment on-site as well as from vehicles transporting construction workers to and from the project site and heavy trucks to haul away excavation spoils and transport building materials. As shown in Table 7, construction would generate an estimated total of 759.55 MT CO₂e. Amortized over a 30-year period,⁵ construction would generate an estimated 25.32 MT CO₂e per year. Amortized construction emissions are included with operations emissions to determine significance.

Table 7. Estimate of GHG Emissions during Construction

| Phase and Evaluation Year | Emissions in MT of CO ₂ e |
|--|--------------------------------------|
| Phase 1 – 2024 | 569.09 |
| Later Phases – 2025 | 190.47 |
| Total | 759.55 |
| Amortized of 30 Years | 25.32 |
| MT = metric tons; CO ₂ e = carbon dioxide equivalent See Appendix for CalEEMod modeling output sheets. | |

Operations

Project operations would generate GHG emissions associated with area sources (e.g., landscape maintenance), energy and water usage, vehicle trips, and wastewater and solid waste generation, and locomotive movements and idling. Given that the proposed project would replace the existing Pacific Surfliner layover facility that is located approximately 0.3-mile to the north, current employees (along with their existing trip-generating activity and related GHG emissions), the existing facility emissions would be subtracted from the proposed project's emissions providing the project's net increase in emissions. As shown in Table 8, the project's annual operational emissions combined with amortized construction emissions and subtracting existing facility emissions that would be decommissioned would total approximately 365.91 MT CO₂e per year, or approximately 5.63 MT CO₂e per employee per year. Because project GHG emissions would exceed the City's 2020 CAP efficiency threshold of 0.7 MT CO₂e per employee per year, mitigation measures would be required.

The facility would install solar panels to generate electricity to off-set a portion of the facility's electricity demand (outlined in Mitigation Measure GHG-1) and require locomotives to use renewable diesel (Mitigation Measure GHG-2). These reductions are shown in Table 8. The purchase of GHG Emissions Offsets (Mitigation Measure GHG-3) would be required to achieve GHG reductions to levels below the 0.7 MT CO₂e efficiency threshold. With implementation of Mitigation Measures GHG-1 through GHG-3, the project's GHG emissions would be less than significant.

⁵ See construction GHG emissions discussion under *Methodology* on page 24.

Table 8. Project Buildout Annual GHG Emissions Estimate

| Emissions Source | Emissions in MT of CO ₂ e | |
|--|--------------------------------------|--|
| | No Mitigation | With Mitigation Measure GHG-1 and GHG-2 |
| Project Facility (Area, Mobile, Energy) | 30.19 | 25.58 |
| Locomotives (Idling/Movements) | 420.09 | 403.15 |
| Construction (Amortized 30-years) | 25.32 | 25.32 |
| Total Project Emissions | 475.60 | 454.05 |
| Total Existing Emissions | 109.69 | 109.69 |
| Net Project Emissions | 365.91 | 344.36 |
| Service Population (Employees) | 65 | 65 |
| Emissions per Employee | 5.63 | 5.30 |
| Efficiency Threshold | 0.70 | 0.70 |
| Exceeds Threshold? | Yes | Yes |
| MT = metric tons; CO ₂ e = carbon dioxide equivalent See Appendix for CalEEMod modeling output sheets. | | |

Mitigation Measures

GHG-1 Install Solar Panels to Off-set At Least Forty Percent (40%) of CCLF Project Build-out Electricity Demand

The LOSSAN Rail Corridor Agency shall solar panels to off-set at least forty percent (40%) of CCLF build-out electricity demand. Given the phased nature of CCLF build-out, this measure shall phase in once CCLF electricity demand reaches 68,750 kilowatt hours (kWh) per year.

GHG-2 Renewable Diesel for Locomotives

The LOSSAN Rail Corridor Agency shall require all locomotives to use 100 percent renewable diesel. The use of renewable diesel would reduce locomotive tailpipe CO₂ emissions by approximately 4 percent compared to CARB-certified diesel fuel.

GHG-3 Purchase of GHG Emissions Offsets

The LOSSAN Rail Corridor Agency shall work with the San Luis Obispo County APCD and City to identify and purchase GHG Emissions Offsets sufficient for project GHG emissions to meet the City's 0.7 MT CO₂e efficiency threshold.

To determine the required offsets quantity, LOSSAN Rail Corridor Agency shall conduct the following:

- 1) Field test the Charger locomotive to ascertain idle fuel consumption per hour,
- 2) Re-quantify project GHG emissions inventory using the actual idle fuel consumption rate,
- 3) Re-calculate GHG emissions per employee using the revised GHG emissions inventory, and

- 4) Calculate the GHG emissions offset requirement needed to achieve 0.7 MT CO₂e per employee.

Cumulative Impacts

The geographic scope for related projects considered in the cumulative impact analysis for GHG emissions is global because the impacts of climate change are experienced on a global scale regardless of the location of GHG emission sources. Therefore, GHG emissions and climate change are, by definition, cumulative impacts. The adverse environmental impacts of cumulative GHG emissions are already occurring. They include sea level rise, increased average temperatures, more drought years, more and larger forest fires. As such, cumulative impacts related to GHG emissions are significant.

CEQA requires that projects be evaluated to ascertain whether a project's contribution towards climate change, in terms of GHG emissions, is cumulatively considerable. As discussed above under *Operations*, project GHG emissions would not exceed the efficiency thresholds set by the City's 2020 CAP, and would therefore be considered consistent with the City's 2020 CAP. As such, proposed project GHG emissions would not be cumulatively considerable.

References

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- _____. 2017a. *Clarification Memorandum for the San Luis Obispo County Air Pollution Control District's 2012 CEQA Air Quality Handbook*.
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Appendix to Air Quality Analysis Report

CalEEMod Outputs

- Phase 1
- Later Phases
- Existing Conditions

Emissions Results Summary

Health Risk Assessment

- Methodology
- Risk Assessment Calculations
 - Locomotive DPM Emissions
 - AERMOD Concentrations with Unitized Emission Rate
 - Ground Level Concentrations
 - Dose Calculations
 - Cancer Risk Calculations
- Cancer Risk Summary
- Chronic Hazard Index Calculations
- Cancer Risk Exposure Parameters
- Cancer Risk Contour Maps

Appendix to Air Quality Analysis Report

Phase 1 Construction CalEEMod Files

Phase 1 - Regional Summary

| Summer Source | Regional Emissions (Onsite + Offsite) | | | | | | | | | |
|-------------------------------|---------------------------------------|------|-------|------|------------------|-----------------|---------------|-------------------|------------------|----------------|
| | ROG | NOX | CO | SO2 | Fugitive PM10 | Exhaust PM10 | Total PM10 | Fugitive PM2.5 | Exhaust PM2.5 | Total PM2.5 |
| | lb/day | | | | | | | | | |
| 3.2 Grading - 2024 | 0.52 | 2.09 | 19.25 | 0.04 | 2.07 | 0.06 | 2.13 | 1.03 | 0.06 | 1.09 |
| 3.3 Utility Relocation - 2024 | 0.37 | 1.42 | 14.28 | 0.03 | 5.43 | 0.04 | 5.48 | 2.94 | 0.04 | 2.99 |
| 3.4 Sitework - 2024 | 0.37 | 1.84 | 14.36 | 0.03 | 5.48 | 0.05 | 5.53 | 2.96 | 0.05 | 3.00 |
| 3.4 Sitework - 2025 | 0.37 | 1.82 | 14.34 | 0.03 | 5.48 | 0.05 | 5.53 | 2.96 | 0.05 | 3.00 |
| 3.5 Storage Track - 2025 | 0.49 | 4.66 | 17.63 | 0.04 | 5.62 | 0.06 | 5.68 | 3.00 | 0.06 | 3.05 |
| 3.6 Paving - 2025 | 0.25 | 0.94 | 13.33 | 0.02 | 0.15 | 0.03 | 0.18 | 0.04 | 0.03 | 0.07 |

| Winter Source | Regional Emissions (Onsite + Offsite) | | | | | | | | | |
|-------------------------------|---------------------------------------|------|-------|------|------------------|-----------------|---------------|-------------------|------------------|----------------|
| | ROG | NOX | CO | SO2 | Fugitive PM10 | Exhaust PM10 | Total PM10 | Fugitive PM2.5 | Exhaust PM2.5 | Total PM2.5 |
| | lb/day | | | | | | | | | |
| 3.2 Grading - 2024 | 0.53 | 2.09 | 19.24 | 0.04 | 2.07 | 0.06 | 2.13 | 1.03 | 0.06 | 1.09 |
| 3.3 Utility Relocation - 2024 | 0.37 | 1.42 | 14.27 | 0.03 | 5.43 | 0.04 | 5.48 | 2.94 | 0.04 | 2.99 |
| 3.4 Sitework - 2024 | 0.38 | 1.86 | 14.35 | 0.03 | 5.48 | 0.05 | 5.53 | 2.96 | 0.05 | 3.00 |
| 3.4 Sitework - 2025 | 0.37 | 1.84 | 14.33 | 0.03 | 5.48 | 0.05 | 5.53 | 2.96 | 0.05 | 3.00 |
| 3.5 Storage Track - 2025 | 0.49 | 4.70 | 17.62 | 0.04 | 5.62 | 0.06 | 5.68 | 3.00 | 0.06 | 3.05 |
| 3.6 Paving - 2025 | 0.26 | 0.94 | 13.32 | 0.02 | 0.15 | 0.03 | 0.18 | 0.04 | 0.03 | 0.07 |

| MAXIMUM Source | Regional Emissions (Onsite + Offsite) | | | | | | | | | |
|-------------------------------|---------------------------------------|------|-------|------|------------------|-----------------|---------------|-------------------|------------------|----------------|
| | ROG | NOX | CO | SO2 | Fugitive PM10 | Exhaust PM10 | Total PM10 | Fugitive PM2.5 | Exhaust PM2.5 | Total PM2.5 |
| | lb/day | | | | | | | | | |
| 3.2 Grading - 2024 | 0.53 | 2.09 | 19.25 | 0.04 | 2.07 | 0.06 | 2.13 | 1.03 | 0.06 | 1.09 |
| 3.3 Utility Relocation - 2024 | 0.37 | 1.42 | 14.28 | 0.03 | 5.43 | 0.04 | 5.48 | 2.94 | 0.04 | 2.99 |
| 3.4 Sitework - 2024 | 0.38 | 1.86 | 14.36 | 0.03 | 5.48 | 0.05 | 5.53 | 2.96 | 0.05 | 3.00 |
| 3.4 Sitework - 2025 | 0.37 | 1.84 | 14.34 | 0.03 | 5.48 | 0.05 | 5.53 | 2.96 | 0.05 | 3.00 |
| 3.5 Storage Track - 2025 | 0.49 | 4.70 | 17.63 | 0.04 | 5.62 | 0.06 | 5.68 | 3.00 | 0.06 | 3.05 |
| 3.6 Paving - 2025 | 0.26 | 0.94 | 13.33 | 0.02 | 0.15 | 0.03 | 0.18 | 0.04 | 0.03 | 0.07 |
| Maximum Daily Emissions | 0.75 | 5.64 | 30.95 | 0.06 | 5.77 | 0.09 | 5.86 | 3.03 | 0.09 | 3.12 |

| Regional Emissions | Onsite Emissions | | | | | | | | | | Offsite Emissions | | | | | | | | | |
|-------------------------------|------------------|------|-------|------|----------|---------|-------|----------|---------|-------|-------------------|------|------|------|----------|---------|-------|----------|---------|-------|
| Summer Source | | | | | Fugitive | Exhaust | Total | Fugitive | Exhaust | Total | | | | | Fugitive | Exhaust | Total | Fugitive | Exhaust | Total |
| | ROG | NOX | CO | SO2 | PM10 | PM10 | PM10 | PM2.5 | PM2.5 | PM2.5 | ROG | NOX | CO | SO2 | PM10 | PM10 | PM10 | PM2.5 | PM2.5 | PM2.5 |
| | lb/day | | | | | | | | | | lb/day | | | | | | | | | |
| 3.2 Grading - 2024 | 0.48 | 2.06 | 18.87 | 0.04 | 1.92 | 0.06 | 1.98 | 0.99 | 0.06 | 1.05 | 0.04 | 0.03 | 0.38 | 0.00 | 0.15 | 0.00 | 0.15 | 0.04 | 0.00 | 0.04 |
| 3.3 Utility Relocation - 2024 | 0.32 | 1.39 | 13.90 | 0.03 | 5.28 | 0.04 | 5.33 | 2.90 | 0.04 | 2.95 | 0.04 | 0.03 | 0.38 | 0.00 | 0.15 | 0.00 | 0.15 | 0.04 | 0.00 | 0.04 |
| 3.4 Sitework - 2024 | 0.32 | 1.39 | 13.90 | 0.03 | 5.28 | 0.04 | 5.33 | 2.90 | 0.04 | 2.95 | 0.05 | 0.45 | 0.47 | 0.00 | 0.19 | 0.00 | 0.20 | 0.05 | 0.00 | 0.06 |
| 3.4 Sitework - 2025 | 0.32 | 1.39 | 13.90 | 0.03 | 5.28 | 0.04 | 5.33 | 2.90 | 0.04 | 2.95 | 0.05 | 0.43 | 0.44 | 0.00 | 0.19 | 0.00 | 0.20 | 0.05 | 0.00 | 0.06 |
| 3.5 Storage Track - 2025 | 0.41 | 3.40 | 16.89 | 0.03 | 5.28 | 0.05 | 5.33 | 2.90 | 0.05 | 2.95 | 0.08 | 1.26 | 0.74 | 0.01 | 0.34 | 0.01 | 0.35 | 0.09 | 0.01 | 0.10 |
| 3.6 Paving - 2025 | 0.21 | 0.91 | 12.97 | 0.02 | 0.00 | 0.03 | 0.03 | 0.00 | 0.03 | 0.03 | 0.04 | 0.03 | 0.36 | 0.00 | 0.15 | 0.00 | 0.15 | 0.04 | 0.00 | 0.04 |

| Summer | Regional Emissions (Onsite + Offsite) | | | | | | | | | |
|-------------------------------|---------------------------------------|------|-------|------|---------------|--------------|------------|----------------|---------------|-------------|
| | ROG | NOX | CO | SO2 | Fugitive PM10 | Exhaust PM10 | Total PM10 | Fugitive PM2.5 | Exhaust PM2.5 | Total PM2.5 |
| | lb/day | | | | | | | | | |
| 3.2 Grading - 2024 | 0.52 | 2.09 | 19.25 | 0.04 | 2.07 | 0.06 | 2.13 | 1.03 | 0.06 | 1.09 |
| 3.3 Utility Relocation - 2024 | 0.37 | 1.42 | 14.28 | 0.03 | 5.43 | 0.04 | 5.48 | 2.94 | 0.04 | 2.99 |
| 3.4 Sitework - 2024 | 0.37 | 1.84 | 14.36 | 0.03 | 5.48 | 0.05 | 5.53 | 2.96 | 0.05 | 3.00 |
| 3.4 Sitework - 2025 | 0.37 | 1.82 | 14.34 | 0.03 | 5.48 | 0.05 | 5.53 | 2.96 | 0.05 | 3.00 |
| 3.5 Storage Track - 2025 | 0.49 | 4.66 | 17.63 | 0.04 | 5.62 | 0.06 | 5.68 | 3.00 | 0.06 | 3.05 |
| 3.6 Paving - 2025 | 0.25 | 0.94 | 13.33 | 0.02 | 0.15 | 0.03 | 0.18 | 0.04 | 0.03 | 0.07 |

| Regional Emissions | Onsite Emissions | | | | | | | | | | Offsite Emissions | | | | | | | | | |
|-------------------------------|------------------|------|-------|------|---------------|--------------|------------|----------------|---------------|-------------|-------------------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|
| Winter | ROG | NOX | CO | SO2 | Fugitive PM10 | Exhaust PM10 | Total PM10 | Fugitive PM2.5 | Exhaust PM2.5 | Total PM2.5 | ROG | NOX | CO | SO2 | Fugitive PM10 | Exhaust PM10 | Total PM10 | Fugitive PM2.5 | Exhaust PM2.5 | Total PM2.5 |
| Source | lb/day | | | | | | | | | | lb/day | | | | | | | | | |
| 3.2 Grading - 2024 | 0.48 | 2.06 | 18.87 | 0.04 | 1.92 | 0.06 | 1.98 | 0.99 | 0.06 | 1.05 | 0.05 | 0.03 | 0.37 | 0.00 | 0.15 | 0.00 | 0.15 | 0.04 | 0.00 | 0.04 |
| 3.3 Utility Relocation - 2024 | 0.32 | 1.39 | 13.90 | 0.03 | 5.28 | 0.04 | 5.33 | 2.90 | 0.04 | 2.95 | 0.05 | 0.03 | 0.37 | 0.00 | 0.15 | 0.00 | 0.15 | 0.04 | 0.00 | 0.04 |
| 3.4 Sitework - 2024 | 0.32 | 1.39 | 13.90 | 0.03 | 5.28 | 0.04 | 5.33 | 2.90 | 0.04 | 2.95 | 0.06 | 0.47 | 0.46 | 0.00 | 0.19 | 0.00 | 0.20 | 0.05 | 0.00 | 0.06 |
| 3.4 Sitework - 2025 | 0.32 | 1.39 | 13.90 | 0.03 | 5.28 | 0.04 | 5.33 | 2.90 | 0.04 | 2.95 | 0.05 | 0.45 | 0.44 | 0.00 | 0.19 | 0.00 | 0.20 | 0.05 | 0.00 | 0.06 |
| 3.5 Storage Track - 2025 | 0.41 | 3.40 | 16.89 | 0.03 | 5.28 | 0.05 | 5.33 | 2.90 | 0.05 | 2.95 | 0.08 | 1.30 | 0.73 | 0.01 | 0.34 | 0.01 | 0.35 | 0.09 | 0.01 | 0.10 |
| 3.6 Paving - 2025 | 0.21 | 0.91 | 12.97 | 0.02 | 0.00 | 0.03 | 0.03 | 0.00 | 0.03 | 0.03 | 0.05 | 0.03 | 0.35 | 0.00 | 0.15 | 0.00 | 0.15 | 0.04 | 0.00 | 0.04 |

| Winter | Regional Emissions (Onsite + Offsite) | | | | | | | | | |
|-------------------------------|---------------------------------------|------|-------|------|---------------|--------------|------------|----------------|---------------|-------------|
| | ROG | NOX | CO | SO2 | Fugitive PM10 | Exhaust PM10 | Total PM10 | Fugitive PM2.5 | Exhaust PM2.5 | Total PM2.5 |
| | lb/day | | | | | | | | | |
| Source | | | | | | | | | | |
| 3.2 Grading - 2024 | 0.53 | 2.09 | 19.24 | 0.04 | 2.07 | 0.06 | 2.13 | 1.03 | 0.06 | 1.09 |
| 3.3 Utility Relocation - 2024 | 0.37 | 1.42 | 14.27 | 0.03 | 5.43 | 0.04 | 5.48 | 2.94 | 0.04 | 2.99 |
| 3.4 Sitework - 2024 | 0.38 | 1.86 | 14.35 | 0.03 | 5.48 | 0.05 | 5.53 | 2.96 | 0.05 | 3.00 |
| 3.4 Sitework - 2025 | 0.37 | 1.84 | 14.33 | 0.03 | 5.48 | 0.05 | 5.53 | 2.96 | 0.05 | 3.00 |
| 3.5 Storage Track - 2025 | 0.49 | 4.70 | 17.62 | 0.04 | 5.62 | 0.06 | 5.68 | 3.00 | 0.06 | 3.05 |
| 3.6 Paving - 2025 | 0.26 | 0.94 | 13.32 | 0.02 | 0.15 | 0.03 | 0.18 | 0.04 | 0.03 | 0.07 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

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

LOSSAN CCLF Phase 1 Construction

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|----------------------------|-------|--------|-------------|--------------------|------------|
| Other Non-Asphalt Surfaces | 13.00 | Acre | 13.00 | 566,280.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|-------------------------|----------------------------------|-------------------------|-------|---------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.2 | Precipitation Freq (Days) | 44 |
| Climate Zone | 4 | | | Operational Year | 2027 |
| Utility Company | Pacific Gas and Electric Company | | | | |
| CO2 Intensity (lb/MWhr) | 203.98 | CH4 Intensity (lb/MWhr) | 0.033 | N2O Intensity (lb/MWhr) | 0.004 |

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use -
- Construction Phase - Phase 1 Project Elements
- Off-road Equipment -
- Off-road Equipment - Exchanged scraper for excavator
- Off-road Equipment - Project-specific adjustments
- Grading - 12,900 CY of earthen materials to be hauled away from site
- Construction Off-road Equipment Mitigation - Tier 4 equipment; site watering during ground disturbance
- Off-road Equipment - Project-specific adjustments
- Off-road Equipment - Project-specific adjustments
- Off-road Equipment - Project-specific adjustments
- Trips and VMT - Project-specific adjustments

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

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

| Table Name | Column Name | Default Value | New Value |
|-------------------------|----------------------------|---------------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 10.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 11.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstructionPhase | NumDays | 30.00 | 40.00 |
| tblConstructionPhase | NumDays | 20.00 | 40.00 |
| tblConstructionPhase | NumDays | 10.00 | 90.00 |
| tblConstructionPhase | NumDays | 10.00 | 120.00 |
| tblConstructionPhase | NumDays | 10.00 | 120.00 |
| tblGrading | AcresOfGrading | 90.00 | 13.00 |
| tblGrading | AcresOfGrading | 101.25 | 0.00 |
| tblGrading | AcresOfGrading | 135.00 | 0.00 |
| tblGrading | AcresOfGrading | 135.00 | 0.00 |
| tblGrading | MaterialExported | 0.00 | 12,900.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 4.00 | 3.00 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

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

| | | | |
|---------------------|----------------------------|----------|---------------|
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 4.00 | 3.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 4.00 | 3.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 0.00 | 2.00 |
| tblOffRoadEquipment | PhaseName | | Storage Track |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblTripsAndVMT | HaulingTripNumber | 1,613.00 | 0.00 |
| tblTripsAndVMT | HaulingTripNumber | 0.00 | 319.00 |
| tblTripsAndVMT | HaulingTripNumber | 0.00 | 957.00 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

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

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

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

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 | | | | | |
| 2024 | 2.1878 | 22.2064 | 16.2748 | 0.0400 | 13.7445 | 0.8986 | 14.6208 | 7.5001 | 0.8267 | 8.3064 | 0.0000 | 3,882.0401 | 3,882.0401 | 1.2180 | 0.0311 | 3,913.3971 |
| 2025 | 3.0003 | 28.3278 | 27.0905 | 0.0559 | 14.0352 | 1.1819 | 15.2171 | 7.5780 | 1.0942 | 8.6722 | 0.0000 | 5,415.0281 | 5,415.0281 | 1.4223 | 0.0890 | 5,477.1146 |
| Maximum | 3.0003 | 28.3278 | 27.0905 | 0.0559 | 14.0352 | 1.1819 | 15.2171 | 7.5780 | 1.0942 | 8.6722 | 0.0000 | 5,415.0281 | 5,415.0281 | 1.4223 | 0.0890 | 5,477.1146 |

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 | | | | | |
| 2024 | 0.5204 | 2.0900 | 19.2526 | 0.0400 | 5.4792 | 0.0641 | 5.5261 | 2.9568 | 0.0641 | 3.0035 | 0.0000 | 3,882.0401 | 3,882.0401 | 1.2180 | 0.0311 | 3,913.3971 |
| 2025 | 0.7376 | 5.5926 | 30.9528 | 0.0559 | 5.7699 | 0.0883 | 5.8582 | 3.0347 | 0.0878 | 3.1225 | 0.0000 | 5,415.0281 | 5,415.0281 | 1.4223 | 0.0890 | 5,477.1146 |
| Maximum | 0.7376 | 5.5926 | 30.9528 | 0.0559 | 5.7699 | 0.0883 | 5.8582 | 3.0347 | 0.0878 | 3.1225 | 0.0000 | 5,415.0281 | 5,415.0281 | 1.4223 | 0.0890 | 5,477.1146 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|-------|-------|--------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 75.75 | 84.80 | -15.77 | 0.00 | 59.51 | 92.67 | 61.85 | 60.26 | 92.10 | 63.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.0 Construction Detail****Construction Phase**

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|--------------------|------------------|------------|-----------|---------------|----------|-----------------------------|
| 1 | Grading | Grading | 4/1/2024 | 5/24/2024 | 5 | 40 | Demo and Rough Grading |
| 2 | Utility Relocation | Site Preparation | 5/27/2024 | 9/27/2024 | 5 | 90 | Utility Relocations |
| 3 | Sitework | Site Preparation | 9/30/2024 | 3/14/2025 | 5 | 120 | Landscaping |
| 4 | Storage Track | Site Preparation | 3/17/2025 | 8/29/2025 | 5 | 120 | Storage Track |
| 5 | Paving | Paving | 8/11/2025 | 10/3/2025 | 5 | 40 | Access Drive, Service Roads |

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 13****Acres of Paving: 13****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating –**

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

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

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|--------------------|---------------------------|--------|-------------|-------------|-------------|
| Grading | Graders | 1 | 6.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 6.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 6.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 6.00 | 97 | 0.37 |
| Utility Relocation | Rubber Tired Dozers | 3 | 6.00 | 247 | 0.40 |
| Utility Relocation | Tractors/Loaders/Backhoes | 3 | 6.00 | 97 | 0.37 |
| Sitework | Rubber Tired Dozers | 3 | 6.00 | 247 | 0.40 |
| Sitework | Tractors/Loaders/Backhoes | 3 | 6.00 | 97 | 0.37 |
| Storage Track | Rubber Tired Dozers | 3 | 6.00 | 247 | 0.40 |
| Storage Track | Tractors/Loaders/Backhoes | 3 | 6.00 | 97 | 0.37 |
| Storage Track | Welders | 2 | 8.00 | 46 | 0.45 |
| Paving | Pavers | 2 | 6.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 6.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 6.00 | 80 | 0.38 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

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

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|--------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Grading | 6 | 15.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Utility Relocation | 6 | 15.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Sitework | 6 | 15.00 | 0.00 | 319.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Storage Track | 8 | 20.00 | 0.00 | 957.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.2 Grading - 2024****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 4.9206 | 0.0000 | 4.9206 | 2.5289 | 0.0000 | 2.5289 | | | 0.0000 | | | 0.0000 |
| Off-Road | 2.1432 | 22.1784 | 15.8945 | 0.0388 | | 0.8979 | 0.8979 | | 0.8261 | 0.8261 | | 3,756.9135 | 3,756.9135 | 1.2151 | | 3,787.2900 |
| Total | 2.1432 | 22.1784 | 15.8945 | 0.0388 | 4.9206 | 0.8979 | 5.8185 | 2.5289 | 0.8261 | 3.3549 | | 3,756.9135 | 3,756.9135 | 1.2151 | | 3,787.2900 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0446 | 0.0280 | 0.3803 | 1.2100e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 125.1267 | 125.1267 | 2.9500e-003 | 3.0400e-003 | 126.1071 |
| Total | 0.0446 | 0.0280 | 0.3803 | 1.2100e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 125.1267 | 125.1267 | 2.9500e-003 | 3.0400e-003 | 126.1071 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.9190 | 0.0000 | 1.9190 | 0.9863 | 0.0000 | 0.9863 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.4759 | 2.0621 | 18.8723 | 0.0388 | | 0.0635 | 0.0635 | | 0.0635 | 0.0635 | 0.0000 | 3,756.9135 | 3,756.9135 | 1.2151 | | 3,787.2900 |
| Total | 0.4759 | 2.0621 | 18.8723 | 0.0388 | 1.9190 | 0.0635 | 1.9825 | 0.9863 | 0.0635 | 1.0497 | 0.0000 | 3,756.9135 | 3,756.9135 | 1.2151 | | 3,787.2900 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0446 | 0.0280 | 0.3803 | 1.2100e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 125.1267 | 125.1267 | 2.9500e-003 | 3.0400e-003 | 126.1071 |
| Total | 0.0446 | 0.0280 | 0.3803 | 1.2100e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 125.1267 | 125.1267 | 2.9500e-003 | 3.0400e-003 | 126.1071 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.3 Utility Relocation - 2024****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 13.5497 | 0.0000 | 13.5497 | 7.4480 | 0.0000 | 7.4480 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.8877 | 19.2958 | 12.0750 | 0.0262 | | 0.8722 | 0.8722 | | 0.8024 | 0.8024 | | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |
| Total | 1.8877 | 19.2958 | 12.0750 | 0.0262 | 13.5497 | 0.8722 | 14.4219 | 7.4480 | 0.8024 | 8.2504 | | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0446 | 0.0280 | 0.3803 | 1.2100e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 125.1267 | 125.1267 | 2.9500e-003 | 3.0400e-003 | 126.1071 |
| Total | 0.0446 | 0.0280 | 0.3803 | 1.2100e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 125.1267 | 125.1267 | 2.9500e-003 | 3.0400e-003 | 126.1071 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 5.2844 | 0.0000 | 5.2844 | 2.9047 | 0.0000 | 2.9047 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.3207 | 1.3897 | 13.8952 | 0.0262 | | 0.0428 | 0.0428 | | 0.0428 | 0.0428 | 0.0000 | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |
| Total | 0.3207 | 1.3897 | 13.8952 | 0.0262 | 5.2844 | 0.0428 | 5.3271 | 2.9047 | 0.0428 | 2.9475 | 0.0000 | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0446 | 0.0280 | 0.3803 | 1.2100e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 125.1267 | 125.1267 | 2.9500e-003 | 3.0400e-003 | 126.1071 |
| Total | 0.0446 | 0.0280 | 0.3803 | 1.2100e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 125.1267 | 125.1267 | 2.9500e-003 | 3.0400e-003 | 126.1071 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.4 Sitework - 2024****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 13.5497 | 0.0000 | 13.5497 | 7.4480 | 0.0000 | 7.4480 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.8877 | 19.2958 | 12.0750 | 0.0262 | | 0.8722 | 0.8722 | | 0.8024 | 0.8024 | | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |
| Total | 1.8877 | 19.2958 | 12.0750 | 0.0262 | 13.5497 | 0.8722 | 14.4219 | 7.4480 | 0.8024 | 8.2504 | | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 7.1000e-003 | 0.4222 | 0.0864 | 1.6200e-003 | 0.0465 | 3.4600e-003 | 0.0500 | 0.0127 | 3.3100e-003 | 0.0161 | | 176.7766 | 176.7766 | 6.4300e-003 | 0.0280 | 185.2884 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0446 | 0.0280 | 0.3803 | 1.2100e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 125.1267 | 125.1267 | 2.9500e-003 | 3.0400e-003 | 126.1071 |
| Total | 0.0517 | 0.4502 | 0.4667 | 2.8300e-003 | 0.1948 | 4.1400e-003 | 0.1989 | 0.0521 | 3.9300e-003 | 0.0560 | | 301.9033 | 301.9033 | 9.3800e-003 | 0.0311 | 311.3955 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 5.2844 | 0.0000 | 5.2844 | 2.9047 | 0.0000 | 2.9047 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.3207 | 1.3897 | 13.8952 | 0.0262 | | 0.0428 | 0.0428 | | 0.0428 | 0.0428 | 0.0000 | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |
| Total | 0.3207 | 1.3897 | 13.8952 | 0.0262 | 5.2844 | 0.0428 | 5.3271 | 2.9047 | 0.0428 | 2.9475 | 0.0000 | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 7.1000e-003 | 0.4222 | 0.0864 | 1.6200e-003 | 0.0465 | 3.4600e-003 | 0.0500 | 0.0127 | 3.3100e-003 | 0.0161 | | 176.7766 | 176.7766 | 6.4300e-003 | 0.0280 | 185.2884 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0446 | 0.0280 | 0.3803 | 1.2100e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 125.1267 | 125.1267 | 2.9500e-003 | 3.0400e-003 | 126.1071 |
| Total | 0.0517 | 0.4502 | 0.4667 | 2.8300e-003 | 0.1948 | 4.1400e-003 | 0.1989 | 0.0521 | 3.9300e-003 | 0.0560 | | 301.9033 | 301.9033 | 9.3800e-003 | 0.0311 | 311.3955 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.4 Sitework - 2025****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 13.5497 | 0.0000 | 13.5497 | 7.4480 | 0.0000 | 7.4480 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.7554 | 17.9241 | 11.7616 | 0.0262 | | 0.7745 | 0.7745 | | 0.7126 | 0.7126 | | 2,540.2859 | 2,540.2859 | 0.8216 | | 2,560.8254 |
| Total | 1.7554 | 17.9241 | 11.7616 | 0.0262 | 13.5497 | 0.7745 | 14.3242 | 7.4480 | 0.7126 | 8.1606 | | 2,540.2859 | 2,540.2859 | 0.8216 | | 2,560.8254 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 6.9000e-003 | 0.4083 | 0.0874 | 1.5800e-003 | 0.0465 | 3.3800e-003 | 0.0499 | 0.0128 | 3.2400e-003 | 0.0160 | | 173.1588 | 173.1588 | 6.6000e-003 | 0.0275 | 181.5072 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0421 | 0.0251 | 0.3557 | 1.1700e-003 | 0.1483 | 6.5000e-004 | 0.1489 | 0.0393 | 5.9000e-004 | 0.0399 | | 122.2506 | 122.2506 | 2.6800e-003 | 2.8400e-003 | 123.1652 |
| Total | 0.0490 | 0.4334 | 0.4431 | 2.7500e-003 | 0.1948 | 4.0300e-003 | 0.1988 | 0.0521 | 3.8300e-003 | 0.0559 | | 295.4095 | 295.4095 | 9.2800e-003 | 0.0303 | 304.6724 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 5.2844 | 0.0000 | 5.2844 | 2.9047 | 0.0000 | 2.9047 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.3207 | 1.3897 | 13.8952 | 0.0262 | | 0.0428 | 0.0428 | | 0.0428 | 0.0428 | 0.0000 | 2,540.2859 | 2,540.2859 | 0.8216 | | 2,560.8254 |
| Total | 0.3207 | 1.3897 | 13.8952 | 0.0262 | 5.2844 | 0.0428 | 5.3271 | 2.9047 | 0.0428 | 2.9475 | 0.0000 | 2,540.2859 | 2,540.2859 | 0.8216 | | 2,560.8254 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 6.9000e-003 | 0.4083 | 0.0874 | 1.5800e-003 | 0.0465 | 3.3800e-003 | 0.0499 | 0.0128 | 3.2400e-003 | 0.0160 | | 173.1588 | 173.1588 | 6.6000e-003 | 0.0275 | 181.5072 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0421 | 0.0251 | 0.3557 | 1.1700e-003 | 0.1483 | 6.5000e-004 | 0.1489 | 0.0393 | 5.9000e-004 | 0.0399 | | 122.2506 | 122.2506 | 2.6800e-003 | 2.8400e-003 | 123.1652 |
| Total | 0.0490 | 0.4334 | 0.4431 | 2.7500e-003 | 0.1948 | 4.0300e-003 | 0.1988 | 0.0521 | 3.8300e-003 | 0.0559 | | 295.4095 | 295.4095 | 9.2800e-003 | 0.0303 | 304.6724 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.5 Storage Track - 2025****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 13.5497 | 0.0000 | 13.5497 | 7.4480 | 0.0000 | 7.4480 | | | 0.0000 | | | 0.0000 |
| Off-Road | 2.1950 | 20.6082 | 15.0649 | 0.0313 | | 0.8563 | 0.8563 | | 0.7943 | 0.7943 | | 2,955.2414 | 2,955.2414 | 0.8610 | | 2,976.7666 |
| Total | 2.1950 | 20.6082 | 15.0649 | 0.0313 | 13.5497 | 0.8563 | 14.4060 | 7.4480 | 0.7943 | 8.2424 | | 2,955.2414 | 2,955.2414 | 0.8610 | | 2,976.7666 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0207 | 1.2248 | 0.2623 | 4.7500e-003 | 0.1395 | 0.0102 | 0.1497 | 0.0382 | 9.7200e-003 | 0.0480 | | 519.4764 | 519.4764 | 0.0198 | 0.0824 | 544.5217 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0561 | 0.0335 | 0.4742 | 1.5600e-003 | 0.1977 | 8.6000e-004 | 0.1986 | 0.0524 | 7.9000e-004 | 0.0532 | | 163.0009 | 163.0009 | 3.5800e-003 | 3.7900e-003 | 164.2203 |
| Total | 0.0769 | 1.2583 | 0.7365 | 6.3100e-003 | 0.3372 | 0.0110 | 0.3482 | 0.0907 | 0.0105 | 0.1012 | | 682.4773 | 682.4773 | 0.0234 | 0.0862 | 708.7420 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 5.2844 | 0.0000 | 5.2844 | 2.9047 | 0.0000 | 2.9047 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.4083 | 3.3977 | 16.8889 | 0.0313 | | 0.0486 | 0.0486 | | 0.0486 | 0.0486 | 0.0000 | 2,955.2414 | 2,955.2414 | 0.8610 | | 2,976.7666 |
| Total | 0.4083 | 3.3977 | 16.8889 | 0.0313 | 5.2844 | 0.0486 | 5.3330 | 2.9047 | 0.0486 | 2.9533 | 0.0000 | 2,955.2414 | 2,955.2414 | 0.8610 | | 2,976.7666 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0207 | 1.2248 | 0.2623 | 4.7500e-003 | 0.1395 | 0.0102 | 0.1497 | 0.0382 | 9.7200e-003 | 0.0480 | | 519.4764 | 519.4764 | 0.0198 | 0.0824 | 544.5217 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0561 | 0.0335 | 0.4742 | 1.5600e-003 | 0.1977 | 8.6000e-004 | 0.1986 | 0.0524 | 7.9000e-004 | 0.0532 | | 163.0009 | 163.0009 | 3.5800e-003 | 3.7900e-003 | 164.2203 |
| Total | 0.0769 | 1.2583 | 0.7365 | 6.3100e-003 | 0.3372 | 0.0110 | 0.3482 | 0.0907 | 0.0105 | 0.1012 | | 682.4773 | 682.4773 | 0.0234 | 0.0862 | 708.7420 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.6864 | 6.4362 | 10.9335 | 0.0171 | | 0.3139 | 0.3139 | | 0.2888 | 0.2888 | | 1,655.0589 | 1,655.0589 | 0.5353 | | 1,668.4409 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 0.6864 | 6.4362 | 10.9335 | 0.0171 | | 0.3139 | 0.3139 | | 0.2888 | 0.2888 | | 1,655.0589 | 1,655.0589 | 0.5353 | | 1,668.4409 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0421 | 0.0251 | 0.3557 | 1.1700e-003 | 0.1483 | 6.5000e-004 | 0.1489 | 0.0393 | 5.9000e-004 | 0.0399 | | 122.2506 | 122.2506 | 2.6800e-003 | 2.8400e-003 | 123.1652 |
| Total | 0.0421 | 0.0251 | 0.3557 | 1.1700e-003 | 0.1483 | 6.5000e-004 | 0.1489 | 0.0393 | 5.9000e-004 | 0.0399 | | 122.2506 | 122.2506 | 2.6800e-003 | 2.8400e-003 | 123.1652 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.2104 | 0.9115 | 12.9718 | 0.0171 | | 0.0281 | 0.0281 | | 0.0281 | 0.0281 | 0.0000 | 1,655.0589 | 1,655.0589 | 0.5353 | | 1,668.4409 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 0.2104 | 0.9115 | 12.9718 | 0.0171 | | 0.0281 | 0.0281 | | 0.0281 | 0.0281 | 0.0000 | 1,655.0589 | 1,655.0589 | 0.5353 | | 1,668.4409 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0421 | 0.0251 | 0.3557 | 1.1700e-003 | 0.1483 | 6.5000e-004 | 0.1489 | 0.0393 | 5.9000e-004 | 0.0399 | | 122.2506 | 122.2506 | 2.6800e-003 | 2.8400e-003 | 123.1652 |
| Total | 0.0421 | 0.0251 | 0.3557 | 1.1700e-003 | 0.1483 | 6.5000e-004 | 0.1489 | 0.0393 | 5.9000e-004 | 0.0399 | | 122.2506 | 122.2506 | 2.6800e-003 | 2.8400e-003 | 123.1652 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**LOSSAN CCLF Phase 1 Construction****San Luis Obispo County, Winter****1.0 Project Characteristics****1.1 Land Usage**

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|----------------------------|-------|--------|-------------|--------------------|------------|
| Other Non-Asphalt Surfaces | 13.00 | Acre | 13.00 | 566,280.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------------|----------------------------------|--------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.2 | Precipitation Freq (Days) | 44 |
| Climate Zone | 4 | | | Operational Year | 2027 |
| Utility Company | Pacific Gas and Electric Company | | | | |
| CO2 Intensity (lb/MWhr) | 203.98 | CH4 Intensity (lb/MWhr) | 0.033 | N2O Intensity (lb/MWhr) | 0.004 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Phase 1 Project Elements

Off-road Equipment -

Off-road Equipment - Exchanged scraper for excavator

Off-road Equipment - Project-specific adjustments

Grading - 12,900 CY of earthen materials to be hauled away from site

Construction Off-road Equipment Mitigation - Tier 4 equipment; site watering during ground disturbance

Off-road Equipment - Project-specific adjustments

Off-road Equipment - Project-specific adjustments

Off-road Equipment - Project-specific adjustments

Trips and VMT - Project-specific adjustments

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

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

| Table Name | Column Name | Default Value | New Value |
|-------------------------|----------------------------|---------------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 10.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 11.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstructionPhase | NumDays | 30.00 | 40.00 |
| tblConstructionPhase | NumDays | 20.00 | 40.00 |
| tblConstructionPhase | NumDays | 10.00 | 90.00 |
| tblConstructionPhase | NumDays | 10.00 | 120.00 |
| tblConstructionPhase | NumDays | 10.00 | 120.00 |
| tblGrading | AcresOfGrading | 90.00 | 13.00 |
| tblGrading | AcresOfGrading | 101.25 | 0.00 |
| tblGrading | AcresOfGrading | 135.00 | 0.00 |
| tblGrading | AcresOfGrading | 135.00 | 0.00 |
| tblGrading | MaterialExported | 0.00 | 12,900.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 4.00 | 3.00 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

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

| | | | |
|---------------------|----------------------------|----------|---------------|
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 4.00 | 3.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 4.00 | 3.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 0.00 | 2.00 |
| tblOffRoadEquipment | PhaseName | | Storage Track |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblTripsAndVMT | HaulingTripNumber | 1,613.00 | 0.00 |
| tblTripsAndVMT | HaulingTripNumber | 0.00 | 319.00 |
| tblTripsAndVMT | HaulingTripNumber | 0.00 | 957.00 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**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 | | | | | |
| 2024 | 2.1926 | 22.2102 | 16.2665 | 0.0400 | 13.7445 | 0.8986 | 14.6208 | 7.5001 | 0.8267 | 8.3064 | 0.0000 | 3,876.8115 | 3,876.8115 | 1.2183 | 0.0314 | 3,908.2542 |
| 2025 | 3.0101 | 28.3715 | 27.0775 | 0.0558 | 14.0352 | 1.1819 | 15.2171 | 7.5780 | 1.0942 | 8.6723 | 0.0000 | 5,403.5863 | 5,403.5863 | 1.4228 | 0.0897 | 5,465.8799 |
| Maximum | 3.0101 | 28.3715 | 27.0775 | 0.0558 | 14.0352 | 1.1819 | 15.2171 | 7.5780 | 1.0942 | 8.6723 | 0.0000 | 5,403.5863 | 5,403.5863 | 1.4228 | 0.0897 | 5,465.8799 |

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 |
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

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

| Year | lb/day | | | | | | | | | | lb/day | | | | | |
|---------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|------------|------------|--------|--------|------------|
| 2024 | 0.5252 | 2.0938 | 19.2443 | 0.0400 | 5.4792 | 0.0641 | 5.5261 | 2.9568 | 0.0641 | 3.0035 | 0.0000 | 3,876.8115 | 3,876.8115 | 1.2183 | 0.0314 | 3,908.2542 |
| 2025 | 0.7474 | 5.6363 | 30.9398 | 0.0558 | 5.7699 | 0.0883 | 5.8582 | 3.0347 | 0.0878 | 3.1225 | 0.0000 | 5,403.5863 | 5,403.5863 | 1.4228 | 0.0897 | 5,465.8799 |
| Maximum | 0.7474 | 5.6363 | 30.9398 | 0.0558 | 5.7699 | 0.0883 | 5.8582 | 3.0347 | 0.0878 | 3.1225 | 0.0000 | 5,403.5863 | 5,403.5863 | 1.4228 | 0.0897 | 5,465.8799 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|-------|-------|--------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 75.54 | 84.72 | -15.78 | 0.00 | 59.51 | 92.67 | 61.85 | 60.26 | 92.10 | 63.92 | 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 | Grading | Grading | 4/1/2024 | 5/24/2024 | 5 | 40 | Demo and Rough Grading |
| 2 | Utility Relocation | Site Preparation | 5/27/2024 | 9/27/2024 | 5 | 90 | Utility Relocations |
| 3 | Sitework | Site Preparation | 9/30/2024 | 3/14/2025 | 5 | 120 | Landscaping |
| 4 | Storage Track | Site Preparation | 3/17/2025 | 8/29/2025 | 5 | 120 | Storage Track |
| 5 | Paving | Paving | 8/11/2025 | 10/3/2025 | 5 | 40 | Access Drive, Service Roads |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 13

Acres of Paving: 13

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating –

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

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

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|--------------------|---------------------------|--------|-------------|-------------|-------------|
| Grading | Graders | 1 | 6.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 6.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 6.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 6.00 | 97 | 0.37 |
| Utility Relocation | Rubber Tired Dozers | 3 | 6.00 | 247 | 0.40 |
| Utility Relocation | Tractors/Loaders/Backhoes | 3 | 6.00 | 97 | 0.37 |
| Sitework | Rubber Tired Dozers | 3 | 6.00 | 247 | 0.40 |
| Sitework | Tractors/Loaders/Backhoes | 3 | 6.00 | 97 | 0.37 |
| Storage Track | Rubber Tired Dozers | 3 | 6.00 | 247 | 0.40 |
| Storage Track | Tractors/Loaders/Backhoes | 3 | 6.00 | 97 | 0.37 |
| Storage Track | Welders | 2 | 8.00 | 46 | 0.45 |
| Paving | Pavers | 2 | 6.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 6.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 6.00 | 80 | 0.38 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

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

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|--------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Grading | 6 | 15.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Utility Relocation | 6 | 15.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Sitework | 6 | 15.00 | 0.00 | 319.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Storage Track | 8 | 20.00 | 0.00 | 957.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.2 Grading - 2024****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 4.9206 | 0.0000 | 4.9206 | 2.5289 | 0.0000 | 2.5289 | | | 0.0000 | | | 0.0000 |
| Off-Road | 2.1432 | 22.1784 | 15.8945 | 0.0388 | | 0.8979 | 0.8979 | | 0.8261 | 0.8261 | | 3,756.9135 | 3,756.9135 | 1.2151 | | 3,787.2900 |
| Total | 2.1432 | 22.1784 | 15.8945 | 0.0388 | 4.9206 | 0.8979 | 5.8185 | 2.5289 | 0.8261 | 3.3549 | | 3,756.9135 | 3,756.9135 | 1.2151 | | 3,787.2900 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0494 | 0.0317 | 0.3720 | 1.1600e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 119.8981 | 119.8981 | 3.1900e-003 | 3.3100e-003 | 120.9642 |
| Total | 0.0494 | 0.0317 | 0.3720 | 1.1600e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 119.8981 | 119.8981 | 3.1900e-003 | 3.3100e-003 | 120.9642 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.9190 | 0.0000 | 1.9190 | 0.9863 | 0.0000 | 0.9863 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.4759 | 2.0621 | 18.8723 | 0.0388 | | 0.0635 | 0.0635 | | 0.0635 | 0.0635 | 0.0000 | 3,756.9135 | 3,756.9135 | 1.2151 | | 3,787.2900 |
| Total | 0.4759 | 2.0621 | 18.8723 | 0.0388 | 1.9190 | 0.0635 | 1.9825 | 0.9863 | 0.0635 | 1.0497 | 0.0000 | 3,756.9135 | 3,756.9135 | 1.2151 | | 3,787.2900 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0494 | 0.0317 | 0.3720 | 1.1600e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 119.8981 | 119.8981 | 3.1900e-003 | 3.3100e-003 | 120.9642 |
| Total | 0.0494 | 0.0317 | 0.3720 | 1.1600e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 119.8981 | 119.8981 | 3.1900e-003 | 3.3100e-003 | 120.9642 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.3 Utility Relocation - 2024****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 13.5497 | 0.0000 | 13.5497 | 7.4480 | 0.0000 | 7.4480 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.8877 | 19.2958 | 12.0750 | 0.0262 | | 0.8722 | 0.8722 | | 0.8024 | 0.8024 | | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |
| Total | 1.8877 | 19.2958 | 12.0750 | 0.0262 | 13.5497 | 0.8722 | 14.4219 | 7.4480 | 0.8024 | 8.2504 | | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0494 | 0.0317 | 0.3720 | 1.1600e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 119.8981 | 119.8981 | 3.1900e-003 | 3.3100e-003 | 120.9642 |
| Total | 0.0494 | 0.0317 | 0.3720 | 1.1600e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 119.8981 | 119.8981 | 3.1900e-003 | 3.3100e-003 | 120.9642 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 5.2844 | 0.0000 | 5.2844 | 2.9047 | 0.0000 | 2.9047 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.3207 | 1.3897 | 13.8952 | 0.0262 | | 0.0428 | 0.0428 | | 0.0428 | 0.0428 | 0.0000 | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |
| Total | 0.3207 | 1.3897 | 13.8952 | 0.0262 | 5.2844 | 0.0428 | 5.3271 | 2.9047 | 0.0428 | 2.9475 | 0.0000 | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0494 | 0.0317 | 0.3720 | 1.1600e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 119.8981 | 119.8981 | 3.1900e-003 | 3.3100e-003 | 120.9642 |
| Total | 0.0494 | 0.0317 | 0.3720 | 1.1600e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 119.8981 | 119.8981 | 3.1900e-003 | 3.3100e-003 | 120.9642 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.4 Sitework - 2024****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 13.5497 | 0.0000 | 13.5497 | 7.4480 | 0.0000 | 7.4480 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.8877 | 19.2958 | 12.0750 | 0.0262 | | 0.8722 | 0.8722 | | 0.8024 | 0.8024 | | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |
| Total | 1.8877 | 19.2958 | 12.0750 | 0.0262 | 13.5497 | 0.8722 | 14.4219 | 7.4480 | 0.8024 | 8.2504 | | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 6.7600e-003 | 0.4344 | 0.0877 | 1.6200e-003 | 0.0465 | 3.4700e-003 | 0.0500 | 0.0127 | 3.3200e-003 | 0.0161 | | 176.9244 | 176.9244 | 6.4200e-003 | 0.0281 | 185.4429 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0494 | 0.0317 | 0.3720 | 1.1600e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 119.8981 | 119.8981 | 3.1900e-003 | 3.3100e-003 | 120.9642 |
| Total | 0.0561 | 0.4661 | 0.4596 | 2.7800e-003 | 0.1948 | 4.1500e-003 | 0.1989 | 0.0521 | 3.9400e-003 | 0.0560 | | 296.8225 | 296.8225 | 9.6100e-003 | 0.0314 | 306.4071 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 5.2844 | 0.0000 | 5.2844 | 2.9047 | 0.0000 | 2.9047 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.3207 | 1.3897 | 13.8952 | 0.0262 | | 0.0428 | 0.0428 | | 0.0428 | 0.0428 | 0.0000 | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |
| Total | 0.3207 | 1.3897 | 13.8952 | 0.0262 | 5.2844 | 0.0428 | 5.3271 | 2.9047 | 0.0428 | 2.9475 | 0.0000 | 2,539.6824 | 2,539.6824 | 0.8214 | | 2,560.2170 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 6.7600e-003 | 0.4344 | 0.0877 | 1.6200e-003 | 0.0465 | 3.4700e-003 | 0.0500 | 0.0127 | 3.3200e-003 | 0.0161 | | 176.9244 | 176.9244 | 6.4200e-003 | 0.0281 | 185.4429 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0494 | 0.0317 | 0.3720 | 1.1600e-003 | 0.1483 | 6.8000e-004 | 0.1490 | 0.0393 | 6.2000e-004 | 0.0400 | | 119.8981 | 119.8981 | 3.1900e-003 | 3.3100e-003 | 120.9642 |
| Total | 0.0561 | 0.4661 | 0.4596 | 2.7800e-003 | 0.1948 | 4.1500e-003 | 0.1989 | 0.0521 | 3.9400e-003 | 0.0560 | | 296.8225 | 296.8225 | 9.6100e-003 | 0.0314 | 306.4071 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.4 Sitework - 2025****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 13.5497 | 0.0000 | 13.5497 | 7.4480 | 0.0000 | 7.4480 | | | 0.0000 | | | 0.0000 |
| Off-Road | 1.7554 | 17.9241 | 11.7616 | 0.0262 | | 0.7745 | 0.7745 | | 0.7126 | 0.7126 | | 2,540.2859 | 2,540.2859 | 0.8216 | | 2,560.8254 |
| Total | 1.7554 | 17.9241 | 11.7616 | 0.0262 | 13.5497 | 0.7745 | 14.3242 | 7.4480 | 0.7126 | 8.1606 | | 2,540.2859 | 2,540.2859 | 0.8216 | | 2,560.8254 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 6.5600e-003 | 0.4202 | 0.0887 | 1.5900e-003 | 0.0465 | 3.3900e-003 | 0.0499 | 0.0128 | 3.2400e-003 | 0.0160 | | 173.3093 | 173.3093 | 6.5800e-003 | 0.0275 | 181.6645 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0468 | 0.0285 | 0.3485 | 1.1200e-003 | 0.1483 | 6.5000e-004 | 0.1489 | 0.0393 | 5.9000e-004 | 0.0399 | | 117.1535 | 117.1535 | 2.9000e-003 | 3.0900e-003 | 118.1481 |
| Total | 0.0533 | 0.4487 | 0.4372 | 2.7100e-003 | 0.1948 | 4.0400e-003 | 0.1988 | 0.0521 | 3.8300e-003 | 0.0559 | | 290.4628 | 290.4628 | 9.4800e-003 | 0.0306 | 299.8126 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 5.2844 | 0.0000 | 5.2844 | 2.9047 | 0.0000 | 2.9047 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.3207 | 1.3897 | 13.8952 | 0.0262 | | 0.0428 | 0.0428 | | 0.0428 | 0.0428 | 0.0000 | 2,540.2859 | 2,540.2859 | 0.8216 | | 2,560.8254 |
| Total | 0.3207 | 1.3897 | 13.8952 | 0.0262 | 5.2844 | 0.0428 | 5.3271 | 2.9047 | 0.0428 | 2.9475 | 0.0000 | 2,540.2859 | 2,540.2859 | 0.8216 | | 2,560.8254 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 6.5600e-003 | 0.4202 | 0.0887 | 1.5900e-003 | 0.0465 | 3.3900e-003 | 0.0499 | 0.0128 | 3.2400e-003 | 0.0160 | | 173.3093 | 173.3093 | 6.5800e-003 | 0.0275 | 181.6645 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0468 | 0.0285 | 0.3485 | 1.1200e-003 | 0.1483 | 6.5000e-004 | 0.1489 | 0.0393 | 5.9000e-004 | 0.0399 | | 117.1535 | 117.1535 | 2.9000e-003 | 3.0900e-003 | 118.1481 |
| Total | 0.0533 | 0.4487 | 0.4372 | 2.7100e-003 | 0.1948 | 4.0400e-003 | 0.1988 | 0.0521 | 3.8300e-003 | 0.0559 | | 290.4628 | 290.4628 | 9.4800e-003 | 0.0306 | 299.8126 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.5 Storage Track - 2025****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 13.5497 | 0.0000 | 13.5497 | 7.4480 | 0.0000 | 7.4480 | | | 0.0000 | | | 0.0000 |
| Off-Road | 2.1950 | 20.6082 | 15.0649 | 0.0313 | | 0.8563 | 0.8563 | | 0.7943 | 0.7943 | | 2,955.2414 | 2,955.2414 | 0.8610 | | 2,976.7666 |
| Total | 2.1950 | 20.6082 | 15.0649 | 0.0313 | 13.5497 | 0.8563 | 14.4060 | 7.4480 | 0.7943 | 8.2424 | | 2,955.2414 | 2,955.2414 | 0.8610 | | 2,976.7666 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0197 | 1.2606 | 0.2660 | 4.7600e-003 | 0.1395 | 0.0102 | 0.1497 | 0.0382 | 9.7300e-003 | 0.0480 | | 519.9278 | 519.9278 | 0.0197 | 0.0825 | 544.9935 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0623 | 0.0380 | 0.4646 | 1.5000e-003 | 0.1977 | 8.6000e-004 | 0.1986 | 0.0524 | 7.9000e-004 | 0.0532 | | 156.2047 | 156.2047 | 3.8700e-003 | 4.1300e-003 | 157.5309 |
| Total | 0.0820 | 1.2986 | 0.7307 | 6.2600e-003 | 0.3372 | 0.0110 | 0.3483 | 0.0907 | 0.0105 | 0.1012 | | 676.1325 | 676.1325 | 0.0236 | 0.0866 | 702.5244 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 5.2844 | 0.0000 | 5.2844 | 2.9047 | 0.0000 | 2.9047 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.4083 | 3.3977 | 16.8889 | 0.0313 | | 0.0486 | 0.0486 | | 0.0486 | 0.0486 | 0.0000 | 2,955.2414 | 2,955.2414 | 0.8610 | | 2,976.7666 |
| Total | 0.4083 | 3.3977 | 16.8889 | 0.0313 | 5.2844 | 0.0486 | 5.3330 | 2.9047 | 0.0486 | 2.9533 | 0.0000 | 2,955.2414 | 2,955.2414 | 0.8610 | | 2,976.7666 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0197 | 1.2606 | 0.2660 | 4.7600e-003 | 0.1395 | 0.0102 | 0.1497 | 0.0382 | 9.7300e-003 | 0.0480 | | 519.9278 | 519.9278 | 0.0197 | 0.0825 | 544.9935 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0623 | 0.0380 | 0.4646 | 1.5000e-003 | 0.1977 | 8.6000e-004 | 0.1986 | 0.0524 | 7.9000e-004 | 0.0532 | | 156.2047 | 156.2047 | 3.8700e-003 | 4.1300e-003 | 157.5309 |
| Total | 0.0820 | 1.2986 | 0.7307 | 6.2600e-003 | 0.3372 | 0.0110 | 0.3483 | 0.0907 | 0.0105 | 0.1012 | | 676.1325 | 676.1325 | 0.0236 | 0.0866 | 702.5244 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.6864 | 6.4362 | 10.9335 | 0.0171 | | 0.3139 | 0.3139 | | 0.2888 | 0.2888 | | 1,655.0589 | 1,655.0589 | 0.5353 | | 1,668.4409 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 0.6864 | 6.4362 | 10.9335 | 0.0171 | | 0.3139 | 0.3139 | | 0.2888 | 0.2888 | | 1,655.0589 | 1,655.0589 | 0.5353 | | 1,668.4409 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0468 | 0.0285 | 0.3485 | 1.1200e-003 | 0.1483 | 6.5000e-004 | 0.1489 | 0.0393 | 5.9000e-004 | 0.0399 | | 117.1535 | 117.1535 | 2.9000e-003 | 3.0900e-003 | 118.1481 |
| Total | 0.0468 | 0.0285 | 0.3485 | 1.1200e-003 | 0.1483 | 6.5000e-004 | 0.1489 | 0.0393 | 5.9000e-004 | 0.0399 | | 117.1535 | 117.1535 | 2.9000e-003 | 3.0900e-003 | 118.1481 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.2104 | 0.9115 | 12.9718 | 0.0171 | | 0.0281 | 0.0281 | | 0.0281 | 0.0281 | 0.0000 | 1,655.0589 | 1,655.0589 | 0.5353 | | 1,668.4409 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 0.2104 | 0.9115 | 12.9718 | 0.0171 | | 0.0281 | 0.0281 | | 0.0281 | 0.0281 | 0.0000 | 1,655.0589 | 1,655.0589 | 0.5353 | | 1,668.4409 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0468 | 0.0285 | 0.3485 | 1.1200e-003 | 0.1483 | 6.5000e-004 | 0.1489 | 0.0393 | 5.9000e-004 | 0.0399 | | 117.1535 | 117.1535 | 2.9000e-003 | 3.0900e-003 | 118.1481 |
| Total | 0.0468 | 0.0285 | 0.3485 | 1.1200e-003 | 0.1483 | 6.5000e-004 | 0.1489 | 0.0393 | 5.9000e-004 | 0.0399 | | 117.1535 | 117.1535 | 2.9000e-003 | 3.0900e-003 | 118.1481 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Annual

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

LOSSAN CCLF Phase 1 Construction

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|----------------------------|-------|--------|-------------|--------------------|------------|
| Other Non-Asphalt Surfaces | 13.00 | Acre | 13.00 | 566,280.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------|----------------------------------|--------------------------|-------|---------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.2 | Precipitation Freq (Days) | 44 |
| Climate Zone | 4 | | | Operational Year | 2027 |
| Utility Company | Pacific Gas and Electric Company | | | | |
| CO2 Intensity (lb/MW hr) | 203.98 | CH4 Intensity (lb/MW hr) | 0.033 | N2O Intensity (lb/MW hr) | 0.004 |

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use -
- Construction Phase - Phase 1 Project Elements
- Off-road Equipment -
- Off-road Equipment - Exchanged scraper for excavator
- Off-road Equipment - Project-specific adjustments
- Grading - 12,900 CY of earthen materials to be hauled away from site
- Construction Off-road Equipment Mitigation - Tier 4 equipment; site watering during ground disturbance
- Off-road Equipment - Project-specific adjustments
- Off-road Equipment - Project-specific adjustments
- Off-road Equipment - Project-specific adjustments
- Trips and VMT - Project-specific adjustments

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Annual

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

| Table Name | Column Name | Default Value | New Value |
|-------------------------|----------------------------|---------------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 10.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 11.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstructionPhase | NumDays | 30.00 | 40.00 |
| tblConstructionPhase | NumDays | 20.00 | 40.00 |
| tblConstructionPhase | NumDays | 10.00 | 90.00 |
| tblConstructionPhase | NumDays | 10.00 | 120.00 |
| tblConstructionPhase | NumDays | 10.00 | 120.00 |
| tblGrading | AcresOfGrading | 90.00 | 13.00 |
| tblGrading | AcresOfGrading | 101.25 | 0.00 |
| tblGrading | AcresOfGrading | 135.00 | 0.00 |
| tblGrading | AcresOfGrading | 135.00 | 0.00 |
| tblGrading | MaterialExported | 0.00 | 12,900.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 4.00 | 3.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 4.00 | 3.00 |

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

| | | | |
|---------------------|----------------------------|----------|---------------|
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 4.00 | 3.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 0.00 | 2.00 |
| tblOffRoadEquipment | PhaseName | | Storage Track |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblTripsAndVMT | HaulingTripNumber | 1,613.00 | 0.00 |
| tblTripsAndVMT | HaulingTripNumber | 0.00 | 319.00 |
| tblTripsAndVMT | HaulingTripNumber | 0.00 | 957.00 |

2.0 Emissions Summary

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**2.1 Overall Construction****Unmitigated Construction**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|-------------|----------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2024 | 0.1957 | 1.9760 | 1.3051 | 3.0000e-003 | 1.1778 | 0.0866 | 1.2644 | 0.6394 | 0.0797 | 0.7191 | 0.0000 | 265.1903 | 265.1903 | 0.0810 | 1.1400e-003 | 267.5563 |
| 2025 | 0.1987 | 1.9308 | 1.4962 | 3.3900e-003 | 1.1997 | 0.0790 | 1.2787 | 0.6517 | 0.0731 | 0.7248 | 0.0000 | 297.9465 | 297.9465 | 0.0779 | 5.5000e-003 | 301.5315 |
| Maximum | 0.1987 | 1.9760 | 1.4962 | 3.3900e-003 | 1.1997 | 0.0866 | 1.2787 | 0.6517 | 0.0797 | 0.7248 | 0.0000 | 297.9465 | 297.9465 | 0.0810 | 5.5000e-003 | 301.5315 |

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

Mitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|-------------|----------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2024 | 0.0394 | 0.1680 | 1.5076 | 3.0000e-003 | 0.4690 | 4.8100e-003 | 0.4738 | 0.2519 | 4.8000e-003 | 0.2567 | 0.0000 | 265.1900 | 265.1900 | 0.0810 | 1.1400e-003 | 267.5560 |
| 2025 | 0.0440 | 0.3495 | 1.7029 | 3.3900e-003 | 0.4848 | 5.3900e-003 | 0.4901 | 0.2587 | 5.3500e-003 | 0.2641 | 0.0000 | 297.9462 | 297.9462 | 0.0779 | 5.5000e-003 | 301.5312 |
| Maximum | 0.0440 | 0.3495 | 1.7029 | 3.3900e-003 | 0.4848 | 5.3900e-003 | 0.4901 | 0.2587 | 5.3500e-003 | 0.2641 | 0.0000 | 297.9462 | 297.9462 | 0.0810 | 5.5000e-003 | 301.5312 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|-------|-------|--------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 78.87 | 86.75 | -14.61 | 0.00 | 59.89 | 93.84 | 62.10 | 60.45 | 93.35 | 63.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|------------|--|--|
| 8 | 2-25-2024 | 5-24-2024 | 0.4705 | 0.0503 |
| 9 | 5-25-2024 | 8-24-2024 | 0.6832 | 0.0573 |
| 10 | 8-25-2024 | 11-24-2024 | 0.6922 | 0.0663 |
| 11 | 11-25-2024 | 2-24-2025 | 0.6832 | 0.0730 |
| 12 | 2-25-2025 | 5-24-2025 | 0.7248 | 0.1412 |
| 13 | 5-25-2025 | 8-24-2025 | 0.8291 | 0.1749 |
| 14 | 8-25-2025 | 9-30-2025 | 0.1381 | 0.0249 |
| | | Highest | 0.8291 | 0.1749 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.0 Construction Detail****Construction Phase**

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|--------------------|------------------|------------|-----------|---------------|----------|-----------------------------|
| 1 | Grading | Grading | 4/1/2024 | 5/24/2024 | 5 | 40 | Demo and Rough Grading |
| 2 | Utility Relocation | Site Preparation | 5/27/2024 | 9/27/2024 | 5 | 90 | Utility Relocations |
| 3 | Sitework | Site Preparation | 9/30/2024 | 3/14/2025 | 5 | 120 | Landscaping |
| 4 | Storage Track | Site Preparation | 3/17/2025 | 8/29/2025 | 5 | 120 | Storage Track |
| 5 | Paving | Paving | 8/11/2025 | 10/3/2025 | 5 | 40 | Access Drive, Service Roads |

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 13****Acres of Paving: 13****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating –**

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Annual

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

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|--------------------|---------------------------|--------|-------------|-------------|-------------|
| Grading | Graders | 1 | 6.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 6.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 6.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 6.00 | 97 | 0.37 |
| Utility Relocation | Rubber Tired Dozers | 3 | 6.00 | 247 | 0.40 |
| Utility Relocation | Tractors/Loaders/Backhoes | 3 | 6.00 | 97 | 0.37 |
| Sitework | Rubber Tired Dozers | 3 | 6.00 | 247 | 0.40 |
| Sitework | Tractors/Loaders/Backhoes | 3 | 6.00 | 97 | 0.37 |
| Storage Track | Rubber Tired Dozers | 3 | 6.00 | 247 | 0.40 |
| Storage Track | Tractors/Loaders/Backhoes | 3 | 6.00 | 97 | 0.37 |
| Storage Track | Welders | 2 | 8.00 | 46 | 0.45 |
| Paving | Pavers | 2 | 6.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 6.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 6.00 | 80 | 0.38 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|--------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Grading | 6 | 15.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Utility Relocation | 6 | 15.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Sitework | 6 | 15.00 | 0.00 | 319.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Storage Track | 8 | 20.00 | 0.00 | 957.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.2 Grading - 2024****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.0984 | 0.0000 | 0.0984 | 0.0506 | 0.0000 | 0.0506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0429 | 0.4436 | 0.3179 | 7.8000e-004 | | 0.0180 | 0.0180 | | 0.0165 | 0.0165 | 0.0000 | 68.1643 | 68.1643 | 0.0221 | 0.0000 | 68.7154 |
| Total | 0.0429 | 0.4436 | 0.3179 | 7.8000e-004 | 0.0984 | 0.0180 | 0.1164 | 0.0506 | 0.0165 | 0.0671 | 0.0000 | 68.1643 | 68.1643 | 0.0221 | 0.0000 | 68.7154 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.0000e-004 | 6.2000e-004 | 7.3900e-003 | 2.0000e-005 | 2.8900e-003 | 1.0000e-005 | 2.9000e-003 | 7.7000e-004 | 1.0000e-005 | 7.8000e-004 | 0.0000 | 2.1910 | 2.1910 | 6.0000e-005 | 6.0000e-005 | 2.2101 |
| Total | 9.0000e-004 | 6.2000e-004 | 7.3900e-003 | 2.0000e-005 | 2.8900e-003 | 1.0000e-005 | 2.9000e-003 | 7.7000e-004 | 1.0000e-005 | 7.8000e-004 | 0.0000 | 2.1910 | 2.1910 | 6.0000e-005 | 6.0000e-005 | 2.2101 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.0384 | 0.0000 | 0.0384 | 0.0197 | 0.0000 | 0.0197 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 9.5200e-003 | 0.0412 | 0.3775 | 7.8000e-004 | | 1.2700e-003 | 1.2700e-003 | | 1.2700e-003 | 1.2700e-003 | 0.0000 | 68.1642 | 68.1642 | 0.0221 | 0.0000 | 68.7154 |
| Total | 9.5200e-003 | 0.0412 | 0.3775 | 7.8000e-004 | 0.0384 | 1.2700e-003 | 0.0397 | 0.0197 | 1.2700e-003 | 0.0210 | 0.0000 | 68.1642 | 68.1642 | 0.0221 | 0.0000 | 68.7154 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.0000e-004 | 6.2000e-004 | 7.3900e-003 | 2.0000e-005 | 2.8900e-003 | 1.0000e-005 | 2.9000e-003 | 7.7000e-004 | 1.0000e-005 | 7.8000e-004 | 0.0000 | 2.1910 | 2.1910 | 6.0000e-005 | 6.0000e-005 | 2.2101 |
| Total | 9.0000e-004 | 6.2000e-004 | 7.3900e-003 | 2.0000e-005 | 2.8900e-003 | 1.0000e-005 | 2.9000e-003 | 7.7000e-004 | 1.0000e-005 | 7.8000e-004 | 0.0000 | 2.1910 | 2.1910 | 6.0000e-005 | 6.0000e-005 | 2.2101 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.3 Utility Relocation - 2024****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.6097 | 0.0000 | 0.6097 | 0.3352 | 0.0000 | 0.3352 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0850 | 0.8683 | 0.5434 | 1.1800e-003 | | 0.0393 | 0.0393 | | 0.0361 | 0.0361 | 0.0000 | 103.6783 | 103.6783 | 0.0335 | 0.0000 | 104.5165 |
| Total | 0.0850 | 0.8683 | 0.5434 | 1.1800e-003 | 0.6097 | 0.0393 | 0.6490 | 0.3352 | 0.0361 | 0.3713 | 0.0000 | 103.6783 | 103.6783 | 0.0335 | 0.0000 | 104.5165 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.0300e-003 | 1.4000e-003 | 0.0166 | 5.0000e-005 | 6.5000e-003 | 3.0000e-005 | 6.5300e-003 | 1.7300e-003 | 3.0000e-005 | 1.7500e-003 | 0.0000 | 4.9298 | 4.9298 | 1.3000e-004 | 1.3000e-004 | 4.9726 |
| Total | 2.0300e-003 | 1.4000e-003 | 0.0166 | 5.0000e-005 | 6.5000e-003 | 3.0000e-005 | 6.5300e-003 | 1.7300e-003 | 3.0000e-005 | 1.7500e-003 | 0.0000 | 4.9298 | 4.9298 | 1.3000e-004 | 1.3000e-004 | 4.9726 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.2378 | 0.0000 | 0.2378 | 0.1307 | 0.0000 | 0.1307 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0144 | 0.0625 | 0.6253 | 1.1800e-003 | | 1.9200e-003 | 1.9200e-003 | | 1.9200e-003 | 1.9200e-003 | 0.0000 | 103.6781 | 103.6781 | 0.0335 | 0.0000 | 104.5164 |
| Total | 0.0144 | 0.0625 | 0.6253 | 1.1800e-003 | 0.2378 | 1.9200e-003 | 0.2397 | 0.1307 | 1.9200e-003 | 0.1326 | 0.0000 | 103.6781 | 103.6781 | 0.0335 | 0.0000 | 104.5164 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.0300e-003 | 1.4000e-003 | 0.0166 | 5.0000e-005 | 6.5000e-003 | 3.0000e-005 | 6.5300e-003 | 1.7300e-003 | 3.0000e-005 | 1.7500e-003 | 0.0000 | 4.9298 | 4.9298 | 1.3000e-004 | 1.3000e-004 | 4.9726 |
| Total | 2.0300e-003 | 1.4000e-003 | 0.0166 | 5.0000e-005 | 6.5000e-003 | 3.0000e-005 | 6.5300e-003 | 1.7300e-003 | 3.0000e-005 | 1.7500e-003 | 0.0000 | 4.9298 | 4.9298 | 1.3000e-004 | 1.3000e-004 | 4.9726 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.4 Sitework - 2024****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.4539 | 0.0000 | 0.4539 | 0.2495 | 0.0000 | 0.2495 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0632 | 0.6464 | 0.4045 | 8.8000e-004 | | 0.0292 | 0.0292 | | 0.0269 | 0.0269 | 0.0000 | 77.1827 | 77.1827 | 0.0250 | 0.0000 | 77.8068 |
| Total | 0.0632 | 0.6464 | 0.4045 | 8.8000e-004 | 0.4539 | 0.0292 | 0.4831 | 0.2495 | 0.0269 | 0.2764 | 0.0000 | 77.1827 | 77.1827 | 0.0250 | 0.0000 | 77.8068 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 2.3000e-004 | 0.0146 | 2.9100e-003 | 5.0000e-005 | 1.5200e-003 | 1.2000e-004 | 1.6400e-003 | 4.2000e-004 | 1.1000e-004 | 5.3000e-004 | 0.0000 | 5.3743 | 5.3743 | 2.0000e-004 | 8.5000e-004 | 5.6330 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.5100e-003 | 1.0400e-003 | 0.0124 | 4.0000e-005 | 4.8400e-003 | 2.0000e-005 | 4.8600e-003 | 1.2900e-003 | 2.0000e-005 | 1.3100e-003 | 0.0000 | 3.6700 | 3.6700 | 9.0000e-005 | 1.0000e-004 | 3.7019 |
| Total | 1.7400e-003 | 0.0156 | 0.0153 | 9.0000e-005 | 6.3600e-003 | 1.4000e-004 | 6.5000e-003 | 1.7100e-003 | 1.3000e-004 | 1.8400e-003 | 0.0000 | 9.0442 | 9.0442 | 2.9000e-004 | 9.5000e-004 | 9.3349 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.1770 | 0.0000 | 0.1770 | 0.0973 | 0.0000 | 0.0973 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0107 | 0.0466 | 0.4655 | 8.8000e-004 | | 1.4300e-003 | 1.4300e-003 | | 1.4300e-003 | 1.4300e-003 | 0.0000 | 77.1826 | 77.1826 | 0.0250 | 0.0000 | 77.8067 |
| Total | 0.0107 | 0.0466 | 0.4655 | 8.8000e-004 | 0.1770 | 1.4300e-003 | 0.1785 | 0.0973 | 1.4300e-003 | 0.0987 | 0.0000 | 77.1826 | 77.1826 | 0.0250 | 0.0000 | 77.8067 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 2.3000e-004 | 0.0146 | 2.9100e-003 | 5.0000e-005 | 1.5200e-003 | 1.2000e-004 | 1.6400e-003 | 4.2000e-004 | 1.1000e-004 | 5.3000e-004 | 0.0000 | 5.3743 | 5.3743 | 2.0000e-004 | 8.5000e-004 | 5.6330 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.5100e-003 | 1.0400e-003 | 0.0124 | 4.0000e-005 | 4.8400e-003 | 2.0000e-005 | 4.8600e-003 | 1.2900e-003 | 2.0000e-005 | 1.3100e-003 | 0.0000 | 3.6700 | 3.6700 | 9.0000e-005 | 1.0000e-004 | 3.7019 |
| Total | 1.7400e-003 | 0.0156 | 0.0153 | 9.0000e-005 | 6.3600e-003 | 1.4000e-004 | 6.5000e-003 | 1.7100e-003 | 1.3000e-004 | 1.8400e-003 | 0.0000 | 9.0442 | 9.0442 | 2.9000e-004 | 9.5000e-004 | 9.3349 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.4 Sitework - 2025****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.3591 | 0.0000 | 0.3591 | 0.1974 | 0.0000 | 0.1974 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0465 | 0.4750 | 0.3117 | 7.0000e-004 | | 0.0205 | 0.0205 | | 0.0189 | 0.0189 | 0.0000 | 61.0695 | 61.0695 | 0.0198 | 0.0000 | 61.5633 |
| Total | 0.0465 | 0.4750 | 0.3117 | 7.0000e-004 | 0.3591 | 0.0205 | 0.3796 | 0.1974 | 0.0189 | 0.2163 | 0.0000 | 61.0695 | 61.0695 | 0.0198 | 0.0000 | 61.5633 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 1.8000e-004 | 0.0112 | 2.3300e-003 | 4.0000e-005 | 1.2000e-003 | 9.0000e-005 | 1.2900e-003 | 3.3000e-004 | 9.0000e-005 | 4.2000e-004 | 0.0000 | 4.1643 | 4.1643 | 1.6000e-004 | 6.6000e-004 | 4.3651 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.1300e-003 | 7.4000e-004 | 9.1700e-003 | 3.0000e-005 | 3.8300e-003 | 2.0000e-005 | 3.8400e-003 | 1.0200e-003 | 2.0000e-005 | 1.0300e-003 | 0.0000 | 2.8366 | 2.8366 | 7.0000e-005 | 7.0000e-005 | 2.8601 |
| Total | 1.3100e-003 | 0.0119 | 0.0115 | 7.0000e-005 | 5.0300e-003 | 1.1000e-004 | 5.1300e-003 | 1.3500e-003 | 1.1000e-004 | 1.4500e-003 | 0.0000 | 7.0009 | 7.0009 | 2.3000e-004 | 7.3000e-004 | 7.2252 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.1400 | 0.0000 | 0.1400 | 0.0770 | 0.0000 | 0.0770 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 8.5000e-003 | 0.0368 | 0.3682 | 7.0000e-004 | | 1.1300e-003 | 1.1300e-003 | | 1.1300e-003 | 1.1300e-003 | 0.0000 | 61.0694 | 61.0694 | 0.0198 | 0.0000 | 61.5632 |
| Total | 8.5000e-003 | 0.0368 | 0.3682 | 7.0000e-004 | 0.1400 | 1.1300e-003 | 0.1412 | 0.0770 | 1.1300e-003 | 0.0781 | 0.0000 | 61.0694 | 61.0694 | 0.0198 | 0.0000 | 61.5632 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 1.8000e-004 | 0.0112 | 2.3300e-003 | 4.0000e-005 | 1.2000e-003 | 9.0000e-005 | 1.2900e-003 | 3.3000e-004 | 9.0000e-005 | 4.2000e-004 | 0.0000 | 4.1643 | 4.1643 | 1.6000e-004 | 6.6000e-004 | 4.3651 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.1300e-003 | 7.4000e-004 | 9.1700e-003 | 3.0000e-005 | 3.8300e-003 | 2.0000e-005 | 3.8400e-003 | 1.0200e-003 | 2.0000e-005 | 1.0300e-003 | 0.0000 | 2.8366 | 2.8366 | 7.0000e-005 | 7.0000e-005 | 2.8601 |
| Total | 1.3100e-003 | 0.0119 | 0.0115 | 7.0000e-005 | 5.0300e-003 | 1.1000e-004 | 5.1300e-003 | 1.3500e-003 | 1.1000e-004 | 1.4500e-003 | 0.0000 | 7.0009 | 7.0009 | 2.3000e-004 | 7.3000e-004 | 7.2252 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.5 Storage Track - 2025****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.8130 | 0.0000 | 0.8130 | 0.4469 | 0.0000 | 0.4469 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.1317 | 1.2365 | 0.9039 | 1.8800e-003 | | 0.0514 | 0.0514 | | 0.0477 | 0.0477 | 0.0000 | 160.8570 | 160.8570 | 0.0469 | 0.0000 | 162.0286 |
| Total | 0.1317 | 1.2365 | 0.9039 | 1.8800e-003 | 0.8130 | 0.0514 | 0.8644 | 0.4469 | 0.0477 | 0.4945 | 0.0000 | 160.8570 | 160.8570 | 0.0469 | 0.0000 | 162.0286 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|--------------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 1.2200e-003 | 0.0759 | 0.0158 | 2.9000e-004 | 8.1800e-003 | 6.1000e-004 | 8.7900e-003 | 2.2500e-003 | 5.8000e-004 | 2.8300e-003 | 0.0000 | 28.2860 | 28.2860 | 1.0800e-003 | 4.4900e-003 | 29.6497 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.4100e-003 | 2.2300e-003 | 0.0277 | 9.0000e-005 | 0.0116 | 5.0000e-005 | 0.0116 | 3.0700e-003 | 5.0000e-005 | 3.1200e-003 | 0.0000 | 8.5634 | 8.5634 | 2.1000e-004 | 2.2000e-004 | 8.6344 |
| Total | 4.6300e-003 | 0.0781 | 0.0435 | 3.8000e-004 | 0.0197 | 6.6000e-004 | 0.0204 | 5.3200e-003 | 6.3000e-004 | 5.9500e-003 | 0.0000 | 36.8493 | 36.8493 | 1.2900e-003 | 4.7100e-003 | 38.2841 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.3171 | 0.0000 | 0.3171 | 0.1743 | 0.0000 | 0.1743 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0245 | 0.2039 | 1.0133 | 1.8800e-003 | | 2.9200e-003 | 2.9200e-003 | | 2.9200e-003 | 2.9200e-003 | 0.0000 | 160.8568 | 160.8568 | 0.0469 | 0.0000 | 162.0284 |
| Total | 0.0245 | 0.2039 | 1.0133 | 1.8800e-003 | 0.3171 | 2.9200e-003 | 0.3200 | 0.1743 | 2.9200e-003 | 0.1772 | 0.0000 | 160.8568 | 160.8568 | 0.0469 | 0.0000 | 162.0284 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|--------------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 1.2200e-003 | 0.0759 | 0.0158 | 2.9000e-004 | 8.1800e-003 | 6.1000e-004 | 8.7900e-003 | 2.2500e-003 | 5.8000e-004 | 2.8300e-003 | 0.0000 | 28.2860 | 28.2860 | 1.0800e-003 | 4.4900e-003 | 29.6497 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.4100e-003 | 2.2300e-003 | 0.0277 | 9.0000e-005 | 0.0116 | 5.0000e-005 | 0.0116 | 3.0700e-003 | 5.0000e-005 | 3.1200e-003 | 0.0000 | 8.5634 | 8.5634 | 2.1000e-004 | 2.2000e-004 | 8.6344 |
| Total | 4.6300e-003 | 0.0781 | 0.0435 | 3.8000e-004 | 0.0197 | 6.6000e-004 | 0.0204 | 5.3200e-003 | 6.3000e-004 | 5.9500e-003 | 0.0000 | 36.8493 | 36.8493 | 1.2900e-003 | 4.7100e-003 | 38.2841 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0137 | 0.1287 | 0.2187 | 3.4000e-004 | | 6.2800e-003 | 6.2800e-003 | | 5.7800e-003 | 5.7800e-003 | 0.0000 | 30.0289 | 30.0289 | 9.7100e-003 | 0.0000 | 30.2717 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0137 | 0.1287 | 0.2187 | 3.4000e-004 | | 6.2800e-003 | 6.2800e-003 | | 5.7800e-003 | 5.7800e-003 | 0.0000 | 30.0289 | 30.0289 | 9.7100e-003 | 0.0000 | 30.2717 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5000e-004 | 5.6000e-004 | 6.9200e-003 | 2.0000e-005 | 2.8900e-003 | 1.0000e-005 | 2.9000e-003 | 7.7000e-004 | 1.0000e-005 | 7.8000e-004 | 0.0000 | 2.1408 | 2.1408 | 5.0000e-005 | 6.0000e-005 | 2.1586 |
| Total | 8.5000e-004 | 5.6000e-004 | 6.9200e-003 | 2.0000e-005 | 2.8900e-003 | 1.0000e-005 | 2.9000e-003 | 7.7000e-004 | 1.0000e-005 | 7.8000e-004 | 0.0000 | 2.1408 | 2.1408 | 5.0000e-005 | 6.0000e-005 | 2.1586 |

LOSSAN CCLF Phase 1 Construction - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 4.2100e-003 | 0.0182 | 0.2594 | 3.4000e-004 | | 5.6000e-004 | 5.6000e-004 | | 5.6000e-004 | 5.6000e-004 | 0.0000 | 30.0289 | 30.0289 | 9.7100e-003 | 0.0000 | 30.2717 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 4.2100e-003 | 0.0182 | 0.2594 | 3.4000e-004 | | 5.6000e-004 | 5.6000e-004 | | 5.6000e-004 | 5.6000e-004 | 0.0000 | 30.0289 | 30.0289 | 9.7100e-003 | 0.0000 | 30.2717 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5000e-004 | 5.6000e-004 | 6.9200e-003 | 2.0000e-005 | 2.8900e-003 | 1.0000e-005 | 2.9000e-003 | 7.7000e-004 | 1.0000e-005 | 7.8000e-004 | 0.0000 | 2.1408 | 2.1408 | 5.0000e-005 | 6.0000e-005 | 2.1586 |
| Total | 8.5000e-004 | 5.6000e-004 | 6.9200e-003 | 2.0000e-005 | 2.8900e-003 | 1.0000e-005 | 2.9000e-003 | 7.7000e-004 | 1.0000e-005 | 7.8000e-004 | 0.0000 | 2.1408 | 2.1408 | 5.0000e-005 | 6.0000e-005 | 2.1586 |

Later Phases Construction CalEEMod Files

Later Phases - Regional Summary

| Summer Source | Regional Emissions (Onsite + Offsite) | | | | | | | | | |
|----------------------------------|---------------------------------------|------|------|------|------------------|-----------------|---------------|-------------------|------------------|----------------|
| | ROG | NOX | CO | SO2 | Fugitive PM10 | Exhaust PM10 | Total PM10 | Fugitive PM2.5 | Exhaust PM2.5 | Total PM2.5 |
| | lb/day | | | | | | | | | |
| 3.2 Grading - 2025 | 0.21 | 1.69 | 7.54 | 0.02 | 1.97 | 0.03 | 2.00 | 1.02 | 0.03 | 1.05 |
| 3.3 Site Preparation - 2025 | 0.13 | 1.89 | 4.43 | 0.01 | 0.23 | 0.02 | 0.25 | 0.06 | 0.02 | 0.09 |
| 3.3 Site Preparation - 2026 | 0.13 | 1.84 | 4.42 | 0.01 | 0.23 | 0.02 | 0.25 | 0.06 | 0.02 | 0.08 |
| 3.4 Building Construction - 2026 | 0.17 | 0.77 | 7.98 | 0.01 | 0.11 | 0.02 | 0.13 | 0.03 | 0.02 | 0.05 |
| 3.5 Paving - 2026 | 0.34 | 1.62 | 8.23 | 0.01 | 0.18 | 0.06 | 0.24 | 0.05 | 0.06 | 0.11 |
| 3.6 Architectural Coating - 2026 | 12.49 | 0.13 | 1.88 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.00 | 0.01 |
| 3.6 Architectural Coating - 2027 | 12.49 | 0.13 | 1.87 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.00 | 0.01 |

| Winter Source | Regional Emissions (Onsite + Offsite) | | | | | | | | | |
|----------------------------------|---------------------------------------|------|------|------|------------------|-----------------|---------------|-------------------|------------------|----------------|
| | ROG | NOX | CO | SO2 | Fugitive PM10 | Exhaust PM10 | Total PM10 | Fugitive PM2.5 | Exhaust PM2.5 | Total PM2.5 |
| | lb/day | | | | | | | | | |
| 3.2 Grading - 2025 | 0.21 | 1.72 | 7.54 | 0.02 | 1.97 | 0.03 | 2.00 | 1.02 | 0.03 | 1.05 |
| 3.3 Site Preparation - 2025 | 0.13 | 1.93 | 4.43 | 0.01 | 0.23 | 0.02 | 0.25 | 0.06 | 0.02 | 0.09 |
| 3.3 Site Preparation - 2026 | 0.13 | 1.88 | 4.42 | 0.01 | 0.23 | 0.02 | 0.25 | 0.06 | 0.02 | 0.08 |
| 3.4 Building Construction - 2026 | 0.17 | 0.78 | 7.97 | 0.01 | 0.11 | 0.02 | 0.13 | 0.03 | 0.02 | 0.05 |
| 3.5 Paving - 2026 | 0.34 | 1.62 | 8.22 | 0.01 | 0.18 | 0.06 | 0.24 | 0.05 | 0.06 | 0.11 |
| 3.6 Architectural Coating - 2026 | 12.49 | 0.13 | 1.88 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.00 | 0.01 |
| 3.6 Architectural Coating - 2027 | 12.49 | 0.13 | 1.87 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.00 | 0.01 |

| Maximum Source | Regional Emissions (Onsite + Offsite) | | | | | | | | | |
|----------------------------------|---------------------------------------|-------------|-------------|-------------|------------------|-----------------|---------------|-------------------|------------------|----------------|
| | ROG | NOX | CO | SO2 | Fugitive PM10 | Exhaust PM10 | Total PM10 | Fugitive PM2.5 | Exhaust PM2.5 | Total PM2.5 |
| | lb/day | | | | | | | | | |
| 3.2 Grading - 2025 | 0.21 | 1.72 | 7.54 | 0.02 | 1.97 | 0.03 | 2.00 | 1.02 | 0.03 | 1.05 |
| 3.3 Site Preparation - 2025 | 0.13 | 1.93 | 4.43 | 0.01 | 0.23 | 0.02 | 0.25 | 0.06 | 0.02 | 0.09 |
| 3.3 Site Preparation - 2026 | 0.13 | 1.88 | 4.42 | 0.01 | 0.23 | 0.02 | 0.25 | 0.06 | 0.02 | 0.08 |
| 3.4 Building Construction - 2026 | 0.17 | 0.78 | 7.98 | 0.01 | 0.11 | 0.02 | 0.13 | 0.03 | 0.02 | 0.05 |
| 3.5 Paving - 2026 | 0.34 | 1.62 | 8.23 | 0.01 | 0.18 | 0.06 | 0.24 | 0.05 | 0.06 | 0.11 |
| 3.6 Architectural Coating - 2026 | 12.49 | 0.13 | 1.88 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.00 | 0.01 |
| 3.6 Architectural Coating - 2027 | 12.49 | 0.13 | 1.87 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.00 | 0.01 |
| Daily Maximum Emissions | 12.49 | 1.93 | 8.23 | 0.02 | 1.97 | 0.06 | 2.00 | 1.02 | 0.06 | 1.05 |

| Regional Emissions | Onsite Emissions | | | | | | | | | | Offsite Emissions | | | | | | | | | |
|----------------------------------|------------------|------|------|------|----------|---------|-------|----------|---------|-------|-------------------|------|------|------|----------|---------|-------|----------|---------|-------|
| Summer | | | | | Fugitive | Exhaust | Total | Fugitive | Exhaust | Total | | | | | Fugitive | Exhaust | Total | Fugitive | Exhaust | Total |
| | ROG | NOX | CO | SO2 | PM10 | PM10 | PM10 | PM2.5 | PM2.5 | PM2.5 | ROG | NOX | CO | SO2 | PM10 | PM10 | PM10 | PM2.5 | PM2.5 | PM2.5 |
| Source | lb/day | | | | | | | | | | lb/day | | | | | | | | | |
| 3.2 Grading - 2025 | 0.17 | 0.75 | 7.16 | 0.01 | 1.79 | 0.02 | 1.81 | 0.97 | 0.02 | 0.99 | 0.04 | 0.95 | 0.39 | 0.00 | 0.19 | 0.01 | 0.19 | 0.05 | 0.01 | 0.06 |
| 3.3 Site Preparation - 2025 | 0.09 | 0.39 | 3.99 | 0.01 | 0.01 | 0.01 | 0.02 | 0.00 | 0.01 | 0.01 | 0.04 | 1.50 | 0.44 | 0.01 | 0.22 | 0.01 | 0.23 | 0.06 | 0.01 | 0.07 |
| 3.3 Site Preparation - 2026 | 0.09 | 0.39 | 3.99 | 0.01 | 0.01 | 0.01 | 0.02 | 0.00 | 0.01 | 0.01 | 0.04 | 1.45 | 0.43 | 0.01 | 0.22 | 0.01 | 0.23 | 0.06 | 0.01 | 0.07 |
| 3.4 Building Construction - 2026 | 0.14 | 0.61 | 7.73 | 0.01 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.02 | 0.03 | 0.16 | 0.25 | 0.00 | 0.11 | 0.00 | 0.11 | 0.03 | 0.00 | 0.03 |
| 3.5 Paving - 2026 | 0.29 | 1.59 | 7.83 | 0.01 | 0.00 | 0.06 | 0.06 | 0.00 | 0.06 | 0.06 | 0.05 | 0.03 | 0.40 | 0.00 | 0.18 | 0.00 | 0.18 | 0.05 | 0.00 | 0.05 |
| 3.6 Architectural Coating - 2026 | 12.49 | 0.13 | 1.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.04 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.00 | 0.01 |
| 3.6 Architectural Coating - 2027 | 12.49 | 0.13 | 1.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.04 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.00 | 0.01 |

| Summer | Regional Emissions (Onsite + Offsite) | | | | | | | | | |
|----------------------------------|---------------------------------------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|
| | ROG | NOX | CO | SO2 | Fugitive PM10 | Exhaust PM10 | Total PM10 | Fugitive PM2.5 | Exhaust PM2.5 | Total PM2.5 |
| | lb/day | | | | | | | | | |
| Source | | | | | | | | | | |
| 3.2 Grading - 2025 | 0.21 | 1.69 | 7.54 | 0.02 | 1.97 | 0.03 | 2.00 | 1.02 | 0.03 | 1.05 |
| 3.3 Site Preparation - 2025 | 0.13 | 1.89 | 4.43 | 0.01 | 0.23 | 0.02 | 0.25 | 0.06 | 0.02 | 0.09 |
| 3.3 Site Preparation - 2026 | 0.13 | 1.84 | 4.42 | 0.01 | 0.23 | 0.02 | 0.25 | 0.06 | 0.02 | 0.08 |
| 3.4 Building Construction - 2026 | 0.17 | 0.77 | 7.98 | 0.01 | 0.11 | 0.02 | 0.13 | 0.03 | 0.02 | 0.05 |
| 3.5 Paving - 2026 | 0.34 | 1.62 | 8.23 | 0.01 | 0.18 | 0.06 | 0.24 | 0.05 | 0.06 | 0.11 |
| 3.6 Architectural Coating - 2026 | 12.49 | 0.13 | 1.88 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.00 | 0.01 |
| 3.6 Architectural Coating - 2027 | 12.49 | 0.13 | 1.87 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.00 | 0.01 |

| Regional Emissions | Onsite Emissions | | | | | | | | | | Offsite Emissions | | | | | | | | | |
|----------------------------------|------------------|------|------|------|----------|---------|-------|----------|---------|-------|-------------------|------|------|------|----------|---------|-------|----------|---------|-------|
| Winter | | | | | Fugitive | Exhaust | Total | Fugitive | Exhaust | Total | | | | | Fugitive | Exhaust | Total | Fugitive | Exhaust | Total |
| | ROG | NOX | CO | SO2 | PM10 | PM10 | PM10 | PM2.5 | PM2.5 | PM2.5 | ROG | NOX | CO | SO2 | PM10 | PM10 | PM10 | PM2.5 | PM2.5 | PM2.5 |
| Source | lb/day | | | | | | | | | | lb/day | | | | | | | | | |
| 3.2 Grading - 2025 | 0.17 | 0.75 | 7.16 | 0.01 | 1.79 | 0.02 | 1.81 | 0.97 | 0.02 | 0.99 | 0.04 | 0.97 | 0.39 | 0.00 | 0.19 | 0.01 | 0.19 | 0.05 | 0.01 | 0.06 |
| 3.3 Site Preparation - 2025 | 0.09 | 0.39 | 3.99 | 0.01 | 0.01 | 0.01 | 0.02 | 0.00 | 0.01 | 0.01 | 0.04 | 1.54 | 0.44 | 0.01 | 0.22 | 0.01 | 0.23 | 0.06 | 0.01 | 0.07 |
| 3.3 Site Preparation - 2026 | 0.09 | 0.39 | 3.99 | 0.01 | 0.01 | 0.01 | 0.02 | 0.00 | 0.01 | 0.01 | 0.04 | 1.49 | 0.44 | 0.01 | 0.22 | 0.01 | 0.23 | 0.06 | 0.01 | 0.07 |
| 3.4 Building Construction - 2026 | 0.14 | 0.61 | 7.73 | 0.01 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.02 | 0.03 | 0.17 | 0.25 | 0.00 | 0.11 | 0.00 | 0.11 | 0.03 | 0.00 | 0.03 |
| 3.5 Paving - 2026 | 0.29 | 1.59 | 7.83 | 0.01 | 0.00 | 0.06 | 0.06 | 0.00 | 0.06 | 0.06 | 0.05 | 0.03 | 0.39 | 0.00 | 0.18 | 0.00 | 0.18 | 0.05 | 0.00 | 0.05 |
| 3.6 Architectural Coating - 2026 | 12.49 | 0.13 | 1.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.04 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.00 | 0.01 |
| 3.6 Architectural Coating - 2027 | 12.49 | 0.13 | 1.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.04 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.00 | 0.01 |

| Winter | Regional Emissions (Onsite + Offsite) | | | | | | | | | |
|----------------------------------|---------------------------------------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|
| | ROG | NOX | CO | SO2 | Fugitive PM10 | Exhaust PM10 | Total PM10 | Fugitive PM2.5 | Exhaust PM2.5 | Total PM2.5 |
| | lb/day | | | | | | | | | |
| Source | | | | | | | | | | |
| 3.2 Grading - 2025 | 0.21 | 1.72 | 7.54 | 0.02 | 1.97 | 0.03 | 2.00 | 1.02 | 0.03 | 1.05 |
| 3.3 Site Preparation - 2025 | 0.13 | 1.93 | 4.43 | 0.01 | 0.23 | 0.02 | 0.25 | 0.06 | 0.02 | 0.09 |
| 3.3 Site Preparation - 2026 | 0.13 | 1.88 | 4.42 | 0.01 | 0.23 | 0.02 | 0.25 | 0.06 | 0.02 | 0.08 |
| 3.4 Building Construction - 2026 | 0.17 | 0.78 | 7.97 | 0.01 | 0.11 | 0.02 | 0.13 | 0.03 | 0.02 | 0.05 |
| 3.5 Paving - 2026 | 0.34 | 1.62 | 8.22 | 0.01 | 0.18 | 0.06 | 0.24 | 0.05 | 0.06 | 0.11 |
| 3.6 Architectural Coating - 2026 | 12.49 | 0.13 | 1.88 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.00 | 0.01 |
| 3.6 Architectural Coating - 2027 | 12.49 | 0.13 | 1.87 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.00 | 0.01 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**LOSSAN CCLF Later Phases Construction****San Luis Obispo County, Summer****1.0 Project Characteristics****1.1 Land Usage**

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-------------------------|-------|-------------------|-------------|--------------------|------------|
| General Office Building | 3.00 | 1000sqft | 0.07 | 3,000.00 | 0 |
| User Defined Industrial | 2.90 | User Defined Unit | 0.07 | 2,900.00 | 0 |
| User Defined Industrial | 1.50 | User Defined Unit | 0.03 | 1,500.00 | 0 |
| User Defined Industrial | 2.20 | User Defined Unit | 0.05 | 2,200.00 | 0 |
| User Defined Industrial | 10.00 | User Defined Unit | 0.23 | 10,000.00 | 0 |
| User Defined Industrial | 1.90 | User Defined Unit | 0.04 | 1,900.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|----------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.2 | Precipitation Freq (Days) | 44 |
| Climate Zone | 4 | | | Operational Year | 2027 |
| Utility Company | Pacific Gas and Electric Company | | | | |
| CO2 Intensity (lb/MW hr) | 203.98 | CH4 Intensity (lb/MW hr) | 0.033 | N2O Intensity (lb/MW hr) | 0.004 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 6 Buildings per Project Description

Construction Phase - Phase 2 Conservative Schedule

Grading - 9,200 CY of earthen materials to be hauled away from project site

Energy Use - No natural gas use. Planning assumption estimates for specialty use buildings.

Water And Wastewater - Special use facility adjustment

Solid Waste - Special use facility adjustment

Construction Off-road Equipment Mitigation - Tier 4 Equipment; Site watering during ground disturbance

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

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

Trips and VMT - Project-Specific Information

Off-road Equipment - Project-specific information

Off-road Equipment -

Off-road Equipment -

Energy Mitigation -

Vehicle Trips - Project-specific information

| Table Name | Column Name | Default Value | New Value |
|-------------------------|----------------------------|---------------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 5.00 |
| 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 |
| tblConstructionPhase | NumDays | 2.00 | 30.00 |
| tblConstructionPhase | NumDays | 1.00 | 75.00 |
| tblConstructionPhase | NumDays | 100.00 | 160.00 |
| tblConstructionPhase | NumDays | 5.00 | 40.00 |
| tblConstructionPhase | NumDays | 5.00 | 40.00 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

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

| | | | |
|---------------------|-------------------|----------|-----------|
| tblEnergyUse | LightingElect | 0.00 | 1.94 |
| tblEnergyUse | NT24NG | 0.06 | 0.00 |
| tblEnergyUse | T24E | 0.00 | 1.94 |
| tblEnergyUse | T24NG | 16.14 | 0.00 |
| tblGrading | AcresOfGrading | 22.50 | 1.50 |
| tblGrading | AcresOfGrading | 28.13 | 0.50 |
| tblGrading | MaterialExported | 0.00 | 1,840.00 |
| tblGrading | MaterialExported | 0.00 | 7,360.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 1,500.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 1,900.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 10,000.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 2,200.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 2,900.00 |
| tblLandUse | LotAcreage | 0.00 | 0.03 |
| tblLandUse | LotAcreage | 0.00 | 0.04 |
| tblLandUse | LotAcreage | 0.00 | 0.23 |
| tblLandUse | LotAcreage | 0.00 | 0.05 |
| tblLandUse | LotAcreage | 0.00 | 0.07 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblTripsAndVMT | HaulingTripNumber | 1,150.00 | 182.00 |
| tblTripsAndVMT | HaulingTripNumber | 0.00 | 728.00 |
| tblVehicleTrips | ST_TR | 2.21 | 6.63 |
| tblVehicleTrips | SU_TR | 0.70 | 2.10 |
| tblVehicleTrips | WD_TR | 9.74 | 29.22 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

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

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 | | | | | |
| 2025 | 0.8732 | 9.6792 | 5.7840 | 0.0183 | 4.7661 | 0.3564 | 5.1225 | 2.5402 | 0.3282 | 2.8684 | 0.0000 | 1,825.0702 | 1,825.0702 | 0.4579 | 0.1012 | 1,855.6445 |
| 2026 | 12.6328 | 5.6462 | 7.4276 | 0.0133 | 0.2444 | 0.2425 | 0.3973 | 0.0632 | 0.2231 | 0.2525 | 0.0000 | 1,365.3386 | 1,365.3386 | 0.3605 | 0.0991 | 1,401.2110 |
| 2027 | 12.6325 | 1.1483 | 1.8514 | 3.1200e-003 | 0.0198 | 0.0516 | 0.0714 | 5.2400e-003 | 0.0516 | 0.0568 | 0.0000 | 297.0376 | 297.0376 | 0.0157 | 3.4000e-004 | 297.5297 |
| Maximum | 12.6328 | 9.6792 | 7.4276 | 0.0183 | 4.7661 | 0.3564 | 5.1225 | 2.5402 | 0.3282 | 2.8684 | 0.0000 | 1,825.0702 | 1,825.0702 | 0.4579 | 0.1012 | 1,855.6445 |

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 | | | | | |
| 2025 | 0.2107 | 1.8862 | 7.5449 | 0.0183 | 1.9718 | 0.0311 | 2.0028 | 1.0212 | 0.0307 | 1.0519 | 0.0000 | 1,825.0702 | 1,825.0702 | 0.4579 | 0.1012 | 1,855.6445 |
| 2026 | 12.4916 | 1.8360 | 8.2297 | 0.0133 | 0.2291 | 0.0586 | 0.2532 | 0.0610 | 0.0585 | 0.1057 | 0.0000 | 1,365.3386 | 1,365.3386 | 0.3605 | 0.0991 | 1,401.2110 |
| 2027 | 12.4913 | 0.1315 | 1.8747 | 3.1200e-003 | 0.0198 | 4.0400e-003 | 0.0238 | 5.2400e-003 | 4.0300e-003 | 9.2800e-003 | 0.0000 | 297.0376 | 297.0376 | 0.0157 | 3.4000e-004 | 297.5297 |
| Maximum | 12.4916 | 1.8862 | 8.2297 | 0.0183 | 1.9718 | 0.0586 | 2.0028 | 1.0212 | 0.0585 | 1.0519 | 0.0000 | 1,825.0702 | 1,825.0702 | 0.4579 | 0.1012 | 1,855.6445 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|------|-------|--------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 3.61 | 76.61 | -17.17 | 0.00 | 55.86 | 85.59 | 59.22 | 58.31 | 84.53 | 63.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

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

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.0 Construction Detail****Construction Phase**

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Grading | Grading | 10/6/2025 | 11/14/2025 | 5 | 30 | |
| 2 | Site Preparation | Site Preparation | 11/17/2025 | 2/27/2026 | 5 | 75 | |
| 3 | Building Construction | Building Construction | 3/2/2026 | 10/9/2026 | 5 | 160 | |
| 4 | Paving | Paving | 10/12/2026 | 12/4/2026 | 5 | 40 | |
| 5 | Architectural Coating | Architectural Coating | 12/7/2026 | 1/29/2027 | 5 | 40 | |

Acres of Grading (Site Preparation Phase): 0.5**Acres of Grading (Grading Phase): 1.5****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 32,250; Non-Residential Outdoor: 10,750; Striped Parking Area: 0 (Architectural OffRoad Equipment**

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Graders | 1 | 6.00 | 187 | 0.41 |
| Site Preparation | Tractors/Loaders/Backhoes | 1 | 6.00 | 97 | 0.37 |
| Building Construction | Cranes | 1 | 4.00 | 23 | 0.29 |
| Building Construction | Forklifts | 2 | 6.00 | 89 | 0.20 |
| Building Construction | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Paving | Cement and Mortar Mixers | 4 | 6.00 | 9 | 0.56 |
| Paving | Pavers | 1 | 7.00 | 130 | 0.42 |
| Paving | Rollers | 1 | 7.00 | 80 | 0.38 |
| Paving | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |
| Grading | Graders | 1 | 6.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 6.00 | 247 | 0.40 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

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

| | | | | | |
|---------|---------------------------|---|------|----|------|
| Grading | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
|---------|---------------------------|---|------|----|------|

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Grading | 3 | 8.00 | 0.00 | 182.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 2 | 5.00 | 0.00 | 728.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 5 | 9.00 | 4.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 7 | 18.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 2.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.2 Grading - 2025****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 4.5809 | 0.0000 | 4.5809 | 2.4901 | 0.0000 | 2.4901 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.8350 | 8.7341 | 5.3948 | 0.0141 | | 0.3484 | 0.3484 | | 0.3205 | 0.3205 | | 1,364.6987 | 1,364.6987 | 0.4414 | | 1,375.7329 |
| Total | 0.8350 | 8.7341 | 5.3948 | 0.0141 | 4.5809 | 0.3484 | 4.9293 | 2.4901 | 0.3205 | 2.8106 | | 1,364.6987 | 1,364.6987 | 0.4414 | | 1,375.7329 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0158 | 0.9317 | 0.1995 | 3.6200e-003 | 0.1061 | 7.7200e-003 | 0.1139 | 0.0291 | 7.3900e-003 | 0.0365 | | 395.1712 | 395.1712 | 0.0151 | 0.0627 | 414.2234 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0225 | 0.0134 | 0.1897 | 6.3000e-004 | 0.0791 | 3.4000e-004 | 0.0794 | 0.0210 | 3.2000e-004 | 0.0213 | | 65.2003 | 65.2003 | 1.4300e-003 | 1.5200e-003 | 65.6881 |
| Total | 0.0382 | 0.9451 | 0.3892 | 4.2500e-003 | 0.1852 | 8.0600e-003 | 0.1933 | 0.0501 | 7.7100e-003 | 0.0578 | | 460.3715 | 460.3715 | 0.0165 | 0.0642 | 479.9115 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.7865 | 0.0000 | 1.7865 | 0.9711 | 0.0000 | 0.9711 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1725 | 0.7475 | 7.1557 | 0.0141 | | 0.0230 | 0.0230 | | 0.0230 | 0.0230 | 0.0000 | 1,364.6987 | 1,364.6987 | 0.4414 | | 1,375.7329 |
| Total | 0.1725 | 0.7475 | 7.1557 | 0.0141 | 1.7865 | 0.0230 | 1.8095 | 0.9711 | 0.0230 | 0.9941 | 0.0000 | 1,364.6987 | 1,364.6987 | 0.4414 | | 1,375.7329 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0158 | 0.9317 | 0.1995 | 3.6200e-003 | 0.1061 | 7.7200e-003 | 0.1139 | 0.0291 | 7.3900e-003 | 0.0365 | | 395.1712 | 395.1712 | 0.0151 | 0.0627 | 414.2234 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0225 | 0.0134 | 0.1897 | 6.3000e-004 | 0.0791 | 3.4000e-004 | 0.0794 | 0.0210 | 3.2000e-004 | 0.0213 | | 65.2003 | 65.2003 | 1.4300e-003 | 1.5200e-003 | 65.6881 |
| Total | 0.0382 | 0.9451 | 0.3892 | 4.2500e-003 | 0.1852 | 8.0600e-003 | 0.1933 | 0.0501 | 7.7100e-003 | 0.0578 | | 460.3715 | 460.3715 | 0.0165 | 0.0642 | 479.9115 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.3 Site Preparation - 2025****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.0251 | 0.0000 | 0.0251 | 3.5000e-003 | 0.0000 | 3.5000e-003 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.3324 | 3.5938 | 2.8678 | 7.3000e-003 | | 0.1240 | 0.1240 | | 0.1141 | 0.1141 | | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |
| Total | 0.3324 | 3.5938 | 2.8678 | 7.3000e-003 | 0.0251 | 0.1240 | 0.1491 | 3.5000e-003 | 0.1141 | 0.1176 | | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0252 | 1.4907 | 0.3192 | 5.7900e-003 | 0.1698 | 0.0124 | 0.1822 | 0.0465 | 0.0118 | 0.0584 | | 632.2739 | 632.2739 | 0.0241 | 0.1003 | 662.7574 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0140 | 8.3700e-003 | 0.1186 | 3.9000e-004 | 0.0494 | 2.2000e-004 | 0.0497 | 0.0131 | 2.0000e-004 | 0.0133 | | 40.7502 | 40.7502 | 8.9000e-004 | 9.5000e-004 | 41.0551 |
| Total | 0.0392 | 1.4991 | 0.4378 | 6.1800e-003 | 0.2192 | 0.0126 | 0.2318 | 0.0597 | 0.0120 | 0.0717 | | 673.0241 | 673.0241 | 0.0250 | 0.1012 | 703.8125 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 9.8000e-003 | 0.0000 | 9.8000e-003 | 1.3600e-003 | 0.0000 | 1.3600e-003 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.0893 | 0.3871 | 3.9877 | 7.3000e-003 | | 0.0119 | 0.0119 | | 0.0119 | 0.0119 | 0.0000 | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |
| Total | 0.0893 | 0.3871 | 3.9877 | 7.3000e-003 | 9.8000e-003 | 0.0119 | 0.0217 | 1.3600e-003 | 0.0119 | 0.0133 | 0.0000 | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0252 | 1.4907 | 0.3192 | 5.7900e-003 | 0.1698 | 0.0124 | 0.1822 | 0.0465 | 0.0118 | 0.0584 | | 632.2739 | 632.2739 | 0.0241 | 0.1003 | 662.7574 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0140 | 8.3700e-003 | 0.1186 | 3.9000e-004 | 0.0494 | 2.2000e-004 | 0.0497 | 0.0131 | 2.0000e-004 | 0.0133 | | 40.7502 | 40.7502 | 8.9000e-004 | 9.5000e-004 | 41.0551 |
| Total | 0.0392 | 1.4991 | 0.4378 | 6.1800e-003 | 0.2192 | 0.0126 | 0.2318 | 0.0597 | 0.0120 | 0.0717 | | 673.0241 | 673.0241 | 0.0250 | 0.1012 | 703.8125 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.3 Site Preparation - 2026****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.0251 | 0.0000 | 0.0251 | 3.5000e-003 | 0.0000 | 3.5000e-003 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.3324 | 3.5938 | 2.8678 | 7.3000e-003 | | 0.1240 | 0.1240 | | 0.1141 | 0.1141 | | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |
| Total | 0.3324 | 3.5938 | 2.8678 | 7.3000e-003 | 0.0251 | 0.1240 | 0.1491 | 3.5000e-003 | 0.1141 | 0.1176 | | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0245 | 1.4413 | 0.3227 | 5.6500e-003 | 0.1698 | 0.0120 | 0.1819 | 0.0466 | 0.0115 | 0.0581 | | 618.7875 | 618.7875 | 0.0246 | 0.0982 | 648.6593 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0133 | 7.5900e-003 | 0.1116 | 3.8000e-004 | 0.0494 | 2.0000e-004 | 0.0496 | 0.0131 | 1.9000e-004 | 0.0133 | | 39.8295 | 39.8295 | 8.2000e-004 | 8.9000e-004 | 40.1159 |
| Total | 0.0378 | 1.4489 | 0.4343 | 6.0300e-003 | 0.2193 | 0.0122 | 0.2315 | 0.0597 | 0.0117 | 0.0714 | | 658.6170 | 658.6170 | 0.0254 | 0.0991 | 688.7752 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 9.8000e-003 | 0.0000 | 9.8000e-003 | 1.3600e-003 | 0.0000 | 1.3600e-003 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.0893 | 0.3871 | 3.9877 | 7.3000e-003 | | 0.0119 | 0.0119 | | 0.0119 | 0.0119 | 0.0000 | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |
| Total | 0.0893 | 0.3871 | 3.9877 | 7.3000e-003 | 9.8000e-003 | 0.0119 | 0.0217 | 1.3600e-003 | 0.0119 | 0.0133 | 0.0000 | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0245 | 1.4413 | 0.3227 | 5.6500e-003 | 0.1698 | 0.0120 | 0.1819 | 0.0466 | 0.0115 | 0.0581 | | 618.7875 | 618.7875 | 0.0246 | 0.0982 | 648.6593 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0133 | 7.5900e-003 | 0.1116 | 3.8000e-004 | 0.0494 | 2.0000e-004 | 0.0496 | 0.0131 | 1.9000e-004 | 0.0133 | | 39.8295 | 39.8295 | 8.2000e-004 | 8.9000e-004 | 40.1159 |
| Total | 0.0378 | 1.4489 | 0.4343 | 6.0300e-003 | 0.2193 | 0.0122 | 0.2315 | 0.0597 | 0.0117 | 0.0714 | | 658.6170 | 658.6170 | 0.0254 | 0.0991 | 688.7752 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.4 Building Construction - 2026****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.5510 | 5.4820 | 7.0282 | 0.0114 | | 0.2413 | 0.2413 | | 0.2220 | 0.2220 | | 1,105.5711 | 1,105.5711 | 0.3576 | | 1,114.5102 |
| Total | 0.5510 | 5.4820 | 7.0282 | 0.0114 | | 0.2413 | 0.2413 | | 0.2220 | 0.2220 | | 1,105.5711 | 1,105.5711 | 0.3576 | | 1,114.5102 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 4.3200e-003 | 0.1505 | 0.0496 | 5.6000e-004 | 0.0186 | 8.7000e-004 | 0.0195 | 5.3600e-003 | 8.4000e-004 | 6.1900e-003 | | 60.3996 | 60.3996 | 1.4800e-003 | 8.8500e-003 | 63.0738 |
| Worker | 0.0240 | 0.0137 | 0.2009 | 6.8000e-004 | 0.0890 | 3.7000e-004 | 0.0893 | 0.0236 | 3.4000e-004 | 0.0239 | | 71.6931 | 71.6931 | 1.4700e-003 | 1.6100e-003 | 72.2086 |
| Total | 0.0283 | 0.1642 | 0.2505 | 1.2400e-003 | 0.1076 | 1.2400e-003 | 0.1088 | 0.0290 | 1.1800e-003 | 0.0301 | | 132.0926 | 132.0926 | 2.9500e-003 | 0.0105 | 135.2824 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.1397 | 0.6052 | 7.7261 | 0.0114 | | 0.0186 | 0.0186 | | 0.0186 | 0.0186 | 0.0000 | 1,105.5711 | 1,105.5711 | 0.3576 | | 1,114.5102 |
| Total | 0.1397 | 0.6052 | 7.7261 | 0.0114 | | 0.0186 | 0.0186 | | 0.0186 | 0.0186 | 0.0000 | 1,105.5711 | 1,105.5711 | 0.3576 | | 1,114.5102 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 4.3200e-003 | 0.1505 | 0.0496 | 5.6000e-004 | 0.0186 | 8.7000e-004 | 0.0195 | 5.3600e-003 | 8.4000e-004 | 6.1900e-003 | | 60.3996 | 60.3996 | 1.4800e-003 | 8.8500e-003 | 63.0738 |
| Worker | 0.0240 | 0.0137 | 0.2009 | 6.8000e-004 | 0.0890 | 3.7000e-004 | 0.0893 | 0.0236 | 3.4000e-004 | 0.0239 | | 71.6931 | 71.6931 | 1.4700e-003 | 1.6100e-003 | 72.2086 |
| Total | 0.0283 | 0.1642 | 0.2505 | 1.2400e-003 | 0.1076 | 1.2400e-003 | 0.1088 | 0.0290 | 1.1800e-003 | 0.0301 | | 132.0926 | 132.0926 | 2.9500e-003 | 0.0105 | 135.2824 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.5 Paving - 2026****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.5638 | 4.9206 | 7.0257 | 0.0113 | | 0.2186 | 0.2186 | | 0.2046 | 0.2046 | | 1,036.2711 | 1,036.2711 | 0.3019 | | 1,043.8179 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 0.5638 | 4.9206 | 7.0257 | 0.0113 | | 0.2186 | 0.2186 | | 0.2046 | 0.2046 | | 1,036.2711 | 1,036.2711 | 0.3019 | | 1,043.8179 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0480 | 0.0273 | 0.4018 | 1.3700e-003 | 0.1780 | 7.4000e-004 | 0.1787 | 0.0472 | 6.8000e-004 | 0.0479 | | 143.3861 | 143.3861 | 2.9400e-003 | 3.2100e-003 | 144.4172 |
| Total | 0.0480 | 0.0273 | 0.4018 | 1.3700e-003 | 0.1780 | 7.4000e-004 | 0.1787 | 0.0472 | 6.8000e-004 | 0.0479 | | 143.3861 | 143.3861 | 2.9400e-003 | 3.2100e-003 | 144.4172 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.2882 | 1.5896 | 7.8279 | 0.0113 | | 0.0579 | 0.0579 | | 0.0579 | 0.0579 | 0.0000 | 1,036.2711 | 1,036.2711 | 0.3019 | | 1,043.8179 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 0.2882 | 1.5896 | 7.8279 | 0.0113 | | 0.0579 | 0.0579 | | 0.0579 | 0.0579 | 0.0000 | 1,036.2711 | 1,036.2711 | 0.3019 | | 1,043.8179 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0480 | 0.0273 | 0.4018 | 1.3700e-003 | 0.1780 | 7.4000e-004 | 0.1787 | 0.0472 | 6.8000e-004 | 0.0479 | | 143.3861 | 143.3861 | 2.9400e-003 | 3.2100e-003 | 144.4172 |
| Total | 0.0480 | 0.0273 | 0.4018 | 1.3700e-003 | 0.1780 | 7.4000e-004 | 0.1787 | 0.0472 | 6.8000e-004 | 0.0479 | | 143.3861 | 143.3861 | 2.9400e-003 | 3.2100e-003 | 144.4172 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Architectural Coating - 2026****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 12.4566 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1709 | 1.1455 | 1.8091 | 2.9700e-003 | | 0.0515 | 0.0515 | | 0.0515 | 0.0515 | | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |
| Total | 12.6274 | 1.1455 | 1.8091 | 2.9700e-003 | | 0.0515 | 0.0515 | | 0.0515 | 0.0515 | | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------------|----------------|--------------------|--------------------|----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.3300e-003 | 3.0300e-003 | 0.0447 | 1.5000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 8.0000e-005 | 5.3200e-003 | | 15.9318 | 15.9318 | 3.3000e-004 | 3.6000e-004 | 16.0464 |
| Total | 5.3300e-003 | 3.0300e-003 | 0.0447 | 1.5000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 8.0000e-005 | 5.3200e-003 | | 15.9318 | 15.9318 | 3.3000e-004 | 3.6000e-004 | 16.0464 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 12.4566 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.0297 | 0.1288 | 1.8324 | 2.9700e-003 | | 3.9600e-003 | 3.9600e-003 | | 3.9600e-003 | 3.9600e-003 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |
| Total | 12.4863 | 0.1288 | 1.8324 | 2.9700e-003 | | 3.9600e-003 | 3.9600e-003 | | 3.9600e-003 | 3.9600e-003 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------------|----------------|--------------------|--------------------|----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.3300e-003 | 3.0300e-003 | 0.0447 | 1.5000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 8.0000e-005 | 5.3200e-003 | | 15.9318 | 15.9318 | 3.3000e-004 | 3.6000e-004 | 16.0464 |
| Total | 5.3300e-003 | 3.0300e-003 | 0.0447 | 1.5000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 8.0000e-005 | 5.3200e-003 | | 15.9318 | 15.9318 | 3.3000e-004 | 3.6000e-004 | 16.0464 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Architectural Coating - 2027****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 12.4566 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1709 | 1.1455 | 1.8091 | 2.9700e-003 | | 0.0515 | 0.0515 | | 0.0515 | 0.0515 | | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |
| Total | 12.6274 | 1.1455 | 1.8091 | 2.9700e-003 | | 0.0515 | 0.0515 | | 0.0515 | 0.0515 | | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------------|----------------|--------------------|--------------------|----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.0600e-003 | 2.7700e-003 | 0.0423 | 1.5000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 7.0000e-005 | 5.3200e-003 | | 15.5895 | 15.5895 | 3.0000e-004 | 3.4000e-004 | 15.6978 |
| Total | 5.0600e-003 | 2.7700e-003 | 0.0423 | 1.5000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 7.0000e-005 | 5.3200e-003 | | 15.5895 | 15.5895 | 3.0000e-004 | 3.4000e-004 | 15.6978 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 12.4566 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.0297 | 0.1288 | 1.8324 | 2.9700e-003 | | 3.9600e-003 | 3.9600e-003 | | 3.9600e-003 | 3.9600e-003 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |
| Total | 12.4863 | 0.1288 | 1.8324 | 2.9700e-003 | | 3.9600e-003 | 3.9600e-003 | | 3.9600e-003 | 3.9600e-003 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------------|----------------|--------------------|--------------------|----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.0600e-003 | 2.7700e-003 | 0.0423 | 1.5000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 7.0000e-005 | 5.3200e-003 | | 15.5895 | 15.5895 | 3.0000e-004 | 3.4000e-004 | 15.6978 |
| Total | 5.0600e-003 | 2.7700e-003 | 0.0423 | 1.5000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 7.0000e-005 | 5.3200e-003 | | 15.5895 | 15.5895 | 3.0000e-004 | 3.4000e-004 | 15.6978 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

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

LOSSAN CCLF Later Phases Construction

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-------------------------|-------|-------------------|-------------|--------------------|------------|
| General Office Building | 3.00 | 1000sqft | 0.07 | 3,000.00 | 0 |
| User Defined Industrial | 2.90 | User Defined Unit | 0.07 | 2,900.00 | 0 |
| User Defined Industrial | 1.50 | User Defined Unit | 0.03 | 1,500.00 | 0 |
| User Defined Industrial | 2.20 | User Defined Unit | 0.05 | 2,200.00 | 0 |
| User Defined Industrial | 10.00 | User Defined Unit | 0.23 | 10,000.00 | 0 |
| User Defined Industrial | 1.90 | User Defined Unit | 0.04 | 1,900.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------|----------------------------------|--------------------------|-------|---------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.2 | Precipitation Freq (Days) | 44 |
| Climate Zone | 4 | | | Operational Year | 2027 |
| Utility Company | Pacific Gas and Electric Company | | | | |
| CO2 Intensity (lb/MW hr) | 203.98 | CH4 Intensity (lb/MW hr) | 0.033 | N2O Intensity (lb/MW hr) | 0.004 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 6 Buildings per Project Description

Construction Phase - Phase 2 Conservative Schedule

Grading - 9,200 CY of earthen materials to be hauled away from project site

Energy Use - No natural gas use. Planning assumption estimates for specialty use buildings.

Water And Wastewater - Special use facility adjustment

Solid Waste - Special use facility adjustment

Construction Off-road Equipment Mitigation - Tier 4 Equipment; Site watering during ground disturbance

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

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

Trips and VMT - Project-Specific Information

Off-road Equipment - Project-specific information

Off-road Equipment -

Off-road Equipment -

Energy Mitigation -

Vehicle Trips - Project-specific information

| Table Name | Column Name | Default Value | New Value |
|-------------------------|----------------------------|---------------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 5.00 |
| 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 |
| tblConstructionPhase | NumDays | 2.00 | 30.00 |
| tblConstructionPhase | NumDays | 1.00 | 75.00 |
| tblConstructionPhase | NumDays | 100.00 | 160.00 |
| tblConstructionPhase | NumDays | 5.00 | 40.00 |
| tblConstructionPhase | NumDays | 5.00 | 40.00 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

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

| | | | |
|---------------------|-------------------|----------|-----------|
| tblEnergyUse | LightingElect | 0.00 | 1.94 |
| tblEnergyUse | NT24NG | 0.06 | 0.00 |
| tblEnergyUse | T24E | 0.00 | 1.94 |
| tblEnergyUse | T24NG | 16.14 | 0.00 |
| tblGrading | AcresOfGrading | 22.50 | 1.50 |
| tblGrading | AcresOfGrading | 28.13 | 0.50 |
| tblGrading | MaterialExported | 0.00 | 1,840.00 |
| tblGrading | MaterialExported | 0.00 | 7,360.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 1,500.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 1,900.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 10,000.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 2,200.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 2,900.00 |
| tblLandUse | LotAcreage | 0.00 | 0.03 |
| tblLandUse | LotAcreage | 0.00 | 0.04 |
| tblLandUse | LotAcreage | 0.00 | 0.23 |
| tblLandUse | LotAcreage | 0.00 | 0.05 |
| tblLandUse | LotAcreage | 0.00 | 0.07 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblTripsAndVMT | HaulingTripNumber | 1,150.00 | 182.00 |
| tblTripsAndVMT | HaulingTripNumber | 0.00 | 728.00 |
| tblVehicleTrips | ST_TR | 2.21 | 6.63 |
| tblVehicleTrips | SU_TR | 0.70 | 2.10 |
| tblVehicleTrips | WD_TR | 9.74 | 29.22 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

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

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 | | | | | |
| 2025 | 0.8749 | 9.7082 | 5.7830 | 0.0183 | 4.7661 | 0.3565 | 5.1225 | 2.5402 | 0.3282 | 2.8684 | 0.0000 | 1,822.6951 | 1,822.6951 | 0.4579 | 0.1014 | 1,853.3276 |
| 2026 | 12.6334 | 5.6533 | 7.4200 | 0.0133 | 0.2444 | 0.2425 | 0.3973 | 0.0632 | 0.2231 | 0.2525 | 0.0000 | 1,364.2373 | 1,364.2373 | 0.3606 | 0.0992 | 1,400.1599 |
| 2027 | 12.6331 | 1.1486 | 1.8507 | 3.1100e-003 | 0.0198 | 0.0516 | 0.0714 | 5.2400e-003 | 0.0516 | 0.0568 | 0.0000 | 296.3894 | 296.3894 | 0.0157 | 3.7000e-004 | 296.8910 |
| Maximum | 12.6334 | 9.7082 | 7.4200 | 0.0183 | 4.7661 | 0.3565 | 5.1225 | 2.5402 | 0.3282 | 2.8684 | 0.0000 | 1,822.6951 | 1,822.6951 | 0.4579 | 0.1014 | 1,853.3276 |

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 | | | | | |
| 2025 | 0.2124 | 1.9309 | 7.5439 | 0.0183 | 1.9718 | 0.0311 | 2.0028 | 1.0212 | 0.0307 | 1.0519 | 0.0000 | 1,822.6951 | 1,822.6951 | 0.4579 | 0.1014 | 1,853.3276 |
| 2026 | 12.4922 | 1.8795 | 8.2221 | 0.0133 | 0.2291 | 0.0586 | 0.2533 | 0.0610 | 0.0585 | 0.1057 | 0.0000 | 1,364.2373 | 1,364.2373 | 0.3606 | 0.0992 | 1,400.1599 |
| 2027 | 12.4919 | 0.1319 | 1.8739 | 3.1100e-003 | 0.0198 | 4.0400e-003 | 0.0238 | 5.2400e-003 | 4.0300e-003 | 9.2800e-003 | 0.0000 | 296.3894 | 296.3894 | 0.0157 | 3.7000e-004 | 296.8910 |
| Maximum | 12.4922 | 1.9309 | 8.2221 | 0.0183 | 1.9718 | 0.0586 | 2.0028 | 1.0212 | 0.0585 | 1.0519 | 0.0000 | 1,822.6951 | 1,822.6951 | 0.4579 | 0.1014 | 1,853.3276 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|------|-------|--------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 3.61 | 76.12 | -17.18 | 0.00 | 55.86 | 85.59 | 59.22 | 58.31 | 84.53 | 63.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.0 Construction Detail****Construction Phase**

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Grading | Grading | 10/6/2025 | 11/14/2025 | 5 | 30 | |
| 2 | Site Preparation | Site Preparation | 11/17/2025 | 2/27/2026 | 5 | 75 | |
| 3 | Building Construction | Building Construction | 3/2/2026 | 10/9/2026 | 5 | 160 | |
| 4 | Paving | Paving | 10/12/2026 | 12/4/2026 | 5 | 40 | |
| 5 | Architectural Coating | Architectural Coating | 12/7/2026 | 1/29/2027 | 5 | 40 | |

Acres of Grading (Site Preparation Phase): 0.5**Acres of Grading (Grading Phase): 1.5****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 32,250; Non-Residential Outdoor: 10,750; Striped Parking Area: 0 (Architectural****OffRoad Equipment**

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Graders | 1 | 6.00 | 187 | 0.41 |
| Site Preparation | Tractors/Loaders/Backhoes | 1 | 6.00 | 97 | 0.37 |
| Building Construction | Cranes | 1 | 4.00 | 231 | 0.29 |
| Building Construction | Forklifts | 2 | 6.00 | 89 | 0.20 |
| Building Construction | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Paving | Cement and Mortar Mixers | 4 | 6.00 | 9 | 0.56 |
| Paving | Pavers | 1 | 7.00 | 130 | 0.42 |
| Paving | Rollers | 1 | 7.00 | 80 | 0.38 |
| Paving | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |
| Grading | Graders | 1 | 6.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 6.00 | 247 | 0.40 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

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

| | | | | | |
|---------|---------------------------|---|------|----|------|
| Grading | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
|---------|---------------------------|---|------|----|------|

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Grading | 3 | 8.00 | 0.00 | 182.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 2 | 5.00 | 0.00 | 728.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 5 | 9.00 | 4.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 7 | 18.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 2.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.2 Grading - 2025****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 4.5809 | 0.0000 | 4.5809 | 2.4901 | 0.0000 | 2.4901 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.8350 | 8.7341 | 5.3948 | 0.0141 | | 0.3484 | 0.3484 | | 0.3205 | 0.3205 | | 1,364.6987 | 1,364.6987 | 0.4414 | | 1,375.7329 |
| Total | 0.8350 | 8.7341 | 5.3948 | 0.0141 | 4.5809 | 0.3484 | 4.9293 | 2.4901 | 0.3205 | 2.8106 | | 1,364.6987 | 1,364.6987 | 0.4414 | | 1,375.7329 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0150 | 0.9589 | 0.2024 | 3.6200e-003 | 0.1061 | 7.7400e-003 | 0.1139 | 0.0291 | 7.4000e-003 | 0.0365 | | 395.5146 | 395.5146 | 0.0150 | 0.0627 | 414.5823 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0249 | 0.0152 | 0.1859 | 6.0000e-004 | 0.0791 | 3.4000e-004 | 0.0794 | 0.0210 | 3.2000e-004 | 0.0213 | | 62.4819 | 62.4819 | 1.5500e-003 | 1.6500e-003 | 63.0123 |
| Total | 0.0399 | 0.9741 | 0.3882 | 4.2200e-003 | 0.1852 | 8.0800e-003 | 0.1933 | 0.0501 | 7.7200e-003 | 0.0578 | | 457.9965 | 457.9965 | 0.0166 | 0.0644 | 477.5947 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.7865 | 0.0000 | 1.7865 | 0.9711 | 0.0000 | 0.9711 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1725 | 0.7475 | 7.1557 | 0.0141 | | 0.0230 | 0.0230 | | 0.0230 | 0.0230 | 0.0000 | 1,364.6987 | 1,364.6987 | 0.4414 | | 1,375.7329 |
| Total | 0.1725 | 0.7475 | 7.1557 | 0.0141 | 1.7865 | 0.0230 | 1.8095 | 0.9711 | 0.0230 | 0.9941 | 0.0000 | 1,364.6987 | 1,364.6987 | 0.4414 | | 1,375.7329 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0150 | 0.9589 | 0.2024 | 3.6200e-003 | 0.1061 | 7.7400e-003 | 0.1139 | 0.0291 | 7.4000e-003 | 0.0365 | | 395.5146 | 395.5146 | 0.0150 | 0.0627 | 414.5823 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0249 | 0.0152 | 0.1859 | 6.0000e-004 | 0.0791 | 3.4000e-004 | 0.0794 | 0.0210 | 3.2000e-004 | 0.0213 | | 62.4819 | 62.4819 | 1.5500e-003 | 1.6500e-003 | 63.0123 |
| Total | 0.0399 | 0.9741 | 0.3882 | 4.2200e-003 | 0.1852 | 8.0800e-003 | 0.1933 | 0.0501 | 7.7200e-003 | 0.0578 | | 457.9965 | 457.9965 | 0.0166 | 0.0644 | 477.5947 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.3 Site Preparation - 2025****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.0251 | 0.0000 | 0.0251 | 3.5000e-003 | 0.0000 | 3.5000e-003 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.3324 | 3.5938 | 2.8678 | 7.3000e-003 | | 0.1240 | 0.1240 | | 0.1141 | 0.1141 | | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |
| Total | 0.3324 | 3.5938 | 2.8678 | 7.3000e-003 | 0.0251 | 0.1240 | 0.1491 | 3.5000e-003 | 0.1141 | 0.1176 | | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0240 | 1.5343 | 0.3238 | 5.7900e-003 | 0.1698 | 0.0124 | 0.1822 | 0.0465 | 0.0118 | 0.0584 | | 632.8234 | 632.8234 | 0.0240 | 0.1004 | 663.3317 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0156 | 9.5000e-003 | 0.1162 | 3.7000e-004 | 0.0494 | 2.2000e-004 | 0.0497 | 0.0131 | 2.0000e-004 | 0.0133 | | 39.0512 | 39.0512 | 9.7000e-004 | 1.0300e-003 | 39.3827 |
| Total | 0.0395 | 1.5438 | 0.4400 | 6.1600e-003 | 0.2192 | 0.0126 | 0.2318 | 0.0597 | 0.0120 | 0.0717 | | 671.8745 | 671.8745 | 0.0250 | 0.1014 | 702.7144 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 9.8000e-003 | 0.0000 | 9.8000e-003 | 1.3600e-003 | 0.0000 | 1.3600e-003 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.0893 | 0.3871 | 3.9877 | 7.3000e-003 | | 0.0119 | 0.0119 | | 0.0119 | 0.0119 | 0.0000 | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |
| Total | 0.0893 | 0.3871 | 3.9877 | 7.3000e-003 | 9.8000e-003 | 0.0119 | 0.0217 | 1.3600e-003 | 0.0119 | 0.0133 | 0.0000 | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0240 | 1.5343 | 0.3238 | 5.7900e-003 | 0.1698 | 0.0124 | 0.1822 | 0.0465 | 0.0118 | 0.0584 | | 632.8234 | 632.8234 | 0.0240 | 0.1004 | 663.3317 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0156 | 9.5000e-003 | 0.1162 | 3.7000e-004 | 0.0494 | 2.2000e-004 | 0.0497 | 0.0131 | 2.0000e-004 | 0.0133 | | 39.0512 | 39.0512 | 9.7000e-004 | 1.0300e-003 | 39.3827 |
| Total | 0.0395 | 1.5438 | 0.4400 | 6.1600e-003 | 0.2192 | 0.0126 | 0.2318 | 0.0597 | 0.0120 | 0.0717 | | 671.8745 | 671.8745 | 0.0250 | 0.1014 | 702.7144 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.3 Site Preparation - 2026****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.0251 | 0.0000 | 0.0251 | 3.5000e-003 | 0.0000 | 3.5000e-003 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.3324 | 3.5938 | 2.8678 | 7.3000e-003 | | 0.1240 | 0.1240 | | 0.1141 | 0.1141 | | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |
| Total | 0.3324 | 3.5938 | 2.8678 | 7.3000e-003 | 0.0251 | 0.1240 | 0.1491 | 3.5000e-003 | 0.1141 | 0.1176 | | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0232 | 1.4838 | 0.3272 | 5.6600e-003 | 0.1698 | 0.0121 | 0.1819 | 0.0466 | 0.0115 | 0.0581 | | 619.3441 | 619.3441 | 0.0246 | 0.0983 | 649.2410 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0148 | 8.6100e-003 | 0.1095 | 3.6000e-004 | 0.0494 | 2.0000e-004 | 0.0496 | 0.0131 | 1.9000e-004 | 0.0133 | | 38.1716 | 38.1716 | 8.9000e-004 | 9.7000e-004 | 38.4831 |
| Total | 0.0381 | 1.4924 | 0.4367 | 6.0200e-003 | 0.2193 | 0.0123 | 0.2315 | 0.0597 | 0.0117 | 0.0714 | | 657.5157 | 657.5157 | 0.0254 | 0.0992 | 687.7241 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 9.8000e-003 | 0.0000 | 9.8000e-003 | 1.3600e-003 | 0.0000 | 1.3600e-003 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.0893 | 0.3871 | 3.9877 | 7.3000e-003 | | 0.0119 | 0.0119 | | 0.0119 | 0.0119 | 0.0000 | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |
| Total | 0.0893 | 0.3871 | 3.9877 | 7.3000e-003 | 9.8000e-003 | 0.0119 | 0.0217 | 1.3600e-003 | 0.0119 | 0.0133 | 0.0000 | 706.7216 | 706.7216 | 0.2286 | | 712.4358 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0232 | 1.4838 | 0.3272 | 5.6600e-003 | 0.1698 | 0.0121 | 0.1819 | 0.0466 | 0.0115 | 0.0581 | | 619.3441 | 619.3441 | 0.0246 | 0.0983 | 649.2410 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0148 | 8.6100e-003 | 0.1095 | 3.6000e-004 | 0.0494 | 2.0000e-004 | 0.0496 | 0.0131 | 1.9000e-004 | 0.0133 | | 38.1716 | 38.1716 | 8.9000e-004 | 9.7000e-004 | 38.4831 |
| Total | 0.0381 | 1.4924 | 0.4367 | 6.0200e-003 | 0.2193 | 0.0123 | 0.2315 | 0.0597 | 0.0117 | 0.0714 | | 657.5157 | 657.5157 | 0.0254 | 0.0992 | 687.7241 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.4 Building Construction - 2026****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.5510 | 5.4820 | 7.0282 | 0.0114 | | 0.2413 | 0.2413 | | 0.2220 | 0.2220 | | 1,105.5711 | 1,105.5711 | 0.3576 | | 1,114.5102 |
| Total | 0.5510 | 5.4820 | 7.0282 | 0.0114 | | 0.2413 | 0.2413 | | 0.2220 | 0.2220 | | 1,105.5711 | 1,105.5711 | 0.3576 | | 1,114.5102 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 4.1800e-003 | 0.1558 | 0.0516 | 5.6000e-004 | 0.0186 | 8.8000e-004 | 0.0195 | 5.3600e-003 | 8.4000e-004 | 6.2000e-003 | | 60.5142 | 60.5142 | 1.4700e-003 | 8.8700e-003 | 63.1954 |
| Worker | 0.0267 | 0.0155 | 0.1971 | 6.5000e-004 | 0.0890 | 3.7000e-004 | 0.0893 | 0.0236 | 3.4000e-004 | 0.0239 | | 68.7089 | 68.7089 | 1.6000e-003 | 1.7500e-003 | 69.2696 |
| Total | 0.0309 | 0.1713 | 0.2487 | 1.2100e-003 | 0.1076 | 1.2500e-003 | 0.1088 | 0.0290 | 1.1800e-003 | 0.0301 | | 129.2231 | 129.2231 | 3.0700e-003 | 0.0106 | 132.4650 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.1397 | 0.6052 | 7.7261 | 0.0114 | | 0.0186 | 0.0186 | | 0.0186 | 0.0186 | 0.0000 | 1,105.5711 | 1,105.5711 | 0.3576 | | 1,114.5102 |
| Total | 0.1397 | 0.6052 | 7.7261 | 0.0114 | | 0.0186 | 0.0186 | | 0.0186 | 0.0186 | 0.0000 | 1,105.5711 | 1,105.5711 | 0.3576 | | 1,114.5102 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 4.1800e-003 | 0.1558 | 0.0516 | 5.6000e-004 | 0.0186 | 8.8000e-004 | 0.0195 | 5.3600e-003 | 8.4000e-004 | 6.2000e-003 | | 60.5142 | 60.5142 | 1.4700e-003 | 8.8700e-003 | 63.1954 |
| Worker | 0.0267 | 0.0155 | 0.1971 | 6.5000e-004 | 0.0890 | 3.7000e-004 | 0.0893 | 0.0236 | 3.4000e-004 | 0.0239 | | 68.7089 | 68.7089 | 1.6000e-003 | 1.7500e-003 | 69.2696 |
| Total | 0.0309 | 0.1713 | 0.2487 | 1.2100e-003 | 0.1076 | 1.2500e-003 | 0.1088 | 0.0290 | 1.1800e-003 | 0.0301 | | 129.2231 | 129.2231 | 3.0700e-003 | 0.0106 | 132.4650 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.5 Paving - 2026****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.5638 | 4.9206 | 7.0257 | 0.0113 | | 0.2186 | 0.2186 | | 0.2046 | 0.2046 | | 1,036.2711 | 1,036.2711 | 0.3019 | | 1,043.8179 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 0.5638 | 4.9206 | 7.0257 | 0.0113 | | 0.2186 | 0.2186 | | 0.2046 | 0.2046 | | 1,036.2711 | 1,036.2711 | 0.3019 | | 1,043.8179 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0534 | 0.0310 | 0.3943 | 1.3100e-003 | 0.1780 | 7.4000e-004 | 0.1787 | 0.0472 | 6.8000e-004 | 0.0479 | | 137.4178 | 137.4178 | 3.1900e-003 | 3.5000e-003 | 138.5392 |
| Total | 0.0534 | 0.0310 | 0.3943 | 1.3100e-003 | 0.1780 | 7.4000e-004 | 0.1787 | 0.0472 | 6.8000e-004 | 0.0479 | | 137.4178 | 137.4178 | 3.1900e-003 | 3.5000e-003 | 138.5392 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 0.2882 | 1.5896 | 7.8279 | 0.0113 | | 0.0579 | 0.0579 | | 0.0579 | 0.0579 | 0.0000 | 1,036.2711 | 1,036.2711 | 0.3019 | | 1,043.8179 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 0.2882 | 1.5896 | 7.8279 | 0.0113 | | 0.0579 | 0.0579 | | 0.0579 | 0.0579 | 0.0000 | 1,036.2711 | 1,036.2711 | 0.3019 | | 1,043.8179 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0534 | 0.0310 | 0.3943 | 1.3100e-003 | 0.1780 | 7.4000e-004 | 0.1787 | 0.0472 | 6.8000e-004 | 0.0479 | | 137.4178 | 137.4178 | 3.1900e-003 | 3.5000e-003 | 138.5392 |
| Total | 0.0534 | 0.0310 | 0.3943 | 1.3100e-003 | 0.1780 | 7.4000e-004 | 0.1787 | 0.0472 | 6.8000e-004 | 0.0479 | | 137.4178 | 137.4178 | 3.1900e-003 | 3.5000e-003 | 138.5392 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Architectural Coating - 2026****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 12.4566 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1709 | 1.1455 | 1.8091 | 2.9700e-003 | | 0.0515 | 0.0515 | | 0.0515 | 0.0515 | | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |
| Total | 12.6274 | 1.1455 | 1.8091 | 2.9700e-003 | | 0.0515 | 0.0515 | | 0.0515 | 0.0515 | | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------------|----------------|--------------------|--------------------|----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.9300e-003 | 3.4500e-003 | 0.0438 | 1.5000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 8.0000e-005 | 5.3200e-003 | | 15.2686 | 15.2686 | 3.5000e-004 | 3.9000e-004 | 15.3932 |
| Total | 5.9300e-003 | 3.4500e-003 | 0.0438 | 1.5000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 8.0000e-005 | 5.3200e-003 | | 15.2686 | 15.2686 | 3.5000e-004 | 3.9000e-004 | 15.3932 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 12.4566 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.0297 | 0.1288 | 1.8324 | 2.9700e-003 | | 3.9600e-003 | 3.9600e-003 | | 3.9600e-003 | 3.9600e-003 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |
| Total | 12.4863 | 0.1288 | 1.8324 | 2.9700e-003 | | 3.9600e-003 | 3.9600e-003 | | 3.9600e-003 | 3.9600e-003 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------------|----------------|--------------------|--------------------|----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.9300e-003 | 3.4500e-003 | 0.0438 | 1.5000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 8.0000e-005 | 5.3200e-003 | | 15.2686 | 15.2686 | 3.5000e-004 | 3.9000e-004 | 15.3932 |
| Total | 5.9300e-003 | 3.4500e-003 | 0.0438 | 1.5000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 8.0000e-005 | 5.3200e-003 | | 15.2686 | 15.2686 | 3.5000e-004 | 3.9000e-004 | 15.3932 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Architectural Coating - 2027****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 12.4566 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1709 | 1.1455 | 1.8091 | 2.9700e-003 | | 0.0515 | 0.0515 | | 0.0515 | 0.0515 | | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |
| Total | 12.6274 | 1.1455 | 1.8091 | 2.9700e-003 | | 0.0515 | 0.0515 | | 0.0515 | 0.0515 | | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------------|----------------|--------------------|--------------------|----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.6500e-003 | 3.1400e-003 | 0.0415 | 1.4000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 7.0000e-005 | 5.3200e-003 | | 14.9413 | 14.9413 | 3.3000e-004 | 3.7000e-004 | 15.0591 |
| Total | 5.6500e-003 | 3.1400e-003 | 0.0415 | 1.4000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 7.0000e-005 | 5.3200e-003 | | 14.9413 | 14.9413 | 3.3000e-004 | 3.7000e-004 | 15.0591 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 12.4566 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.0297 | 0.1288 | 1.8324 | 2.9700e-003 | | 3.9600e-003 | 3.9600e-003 | | 3.9600e-003 | 3.9600e-003 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |
| Total | 12.4863 | 0.1288 | 1.8324 | 2.9700e-003 | | 3.9600e-003 | 3.9600e-003 | | 3.9600e-003 | 3.9600e-003 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------------|----------------|--------------------|--------------------|----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.6500e-003 | 3.1400e-003 | 0.0415 | 1.4000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 7.0000e-005 | 5.3200e-003 | | 14.9413 | 14.9413 | 3.3000e-004 | 3.7000e-004 | 15.0591 |
| Total | 5.6500e-003 | 3.1400e-003 | 0.0415 | 1.4000e-004 | 0.0198 | 8.0000e-005 | 0.0199 | 5.2400e-003 | 7.0000e-005 | 5.3200e-003 | | 14.9413 | 14.9413 | 3.3000e-004 | 3.7000e-004 | 15.0591 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Annual

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

LOSSAN CCLF Later Phases Construction

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-------------------------|-------|-------------------|-------------|--------------------|------------|
| General Office Building | 3.00 | 1000sqft | 0.07 | 3,000.00 | 0 |
| User Defined Industrial | 2.90 | User Defined Unit | 0.07 | 2,900.00 | 0 |
| User Defined Industrial | 1.50 | User Defined Unit | 0.03 | 1,500.00 | 0 |
| User Defined Industrial | 2.20 | User Defined Unit | 0.05 | 2,200.00 | 0 |
| User Defined Industrial | 10.00 | User Defined Unit | 0.23 | 10,000.00 | 0 |
| User Defined Industrial | 1.90 | User Defined Unit | 0.04 | 1,900.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------|----------------------------------|--------------------------|-------|---------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.2 | Precipitation Freq (Days) | 44 |
| Climate Zone | 4 | | | Operational Year | 2027 |
| Utility Company | Pacific Gas and Electric Company | | | | |
| CO2 Intensity (lb/MW hr) | 203.98 | CH4 Intensity (lb/MW hr) | 0.033 | N2O Intensity (lb/MW hr) | 0.004 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 6 Buildings per Project Description

Construction Phase - Phase 2 Conservative Schedule

Grading - 9,200 CY of earthen materials to be hauled away from project site

Energy Use - No natural gas use. Planning assumption estimates for specialty use buildings.

Water And Wastewater - Special use facility adjustment

Solid Waste - Special use facility adjustment

Construction Off-road Equipment Mitigation - Tier 4 Equipment; Site watering during ground disturbance

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Annual

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

Trips and VMT - Project-Specific Information

Off-road Equipment - Project-specific information

Off-road Equipment -

Off-road Equipment -

Energy Mitigation -

Vehicle Trips - Project-specific information

| Table Name | Column Name | Default Value | New Value |
|-------------------------|----------------------------|---------------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 5.00 |
| 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 |
| tblConstructionPhase | NumDays | 2.00 | 30.00 |
| tblConstructionPhase | NumDays | 1.00 | 75.00 |
| tblConstructionPhase | NumDays | 100.00 | 160.00 |
| tblConstructionPhase | NumDays | 5.00 | 40.00 |
| tblConstructionPhase | NumDays | 5.00 | 40.00 |

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

| | | | |
|---------------------|-------------------|----------|-----------|
| tblEnergyUse | LightingElect | 0.00 | 1.94 |
| tblEnergyUse | NT24NG | 0.06 | 0.00 |
| tblEnergyUse | T24E | 0.00 | 1.94 |
| tblEnergyUse | T24NG | 16.14 | 0.00 |
| tblGrading | AcresOfGrading | 22.50 | 1.50 |
| tblGrading | AcresOfGrading | 28.13 | 0.50 |
| tblGrading | MaterialExported | 0.00 | 1,840.00 |
| tblGrading | MaterialExported | 0.00 | 7,360.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 1,500.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 1,900.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 10,000.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 2,200.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 2,900.00 |
| tblLandUse | LotAcreage | 0.00 | 0.03 |
| tblLandUse | LotAcreage | 0.00 | 0.04 |
| tblLandUse | LotAcreage | 0.00 | 0.23 |
| tblLandUse | LotAcreage | 0.00 | 0.05 |
| tblLandUse | LotAcreage | 0.00 | 0.07 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblTripsAndVMT | HaulingTripNumber | 1,150.00 | 182.00 |
| tblTripsAndVMT | HaulingTripNumber | 0.00 | 728.00 |
| tblVehicleTrips | ST_TR | 2.21 | 6.63 |
| tblVehicleTrips | SU_TR | 0.70 | 2.10 |
| tblVehicleTrips | WD_TR | 9.74 | 29.22 |

2.0 Emissions Summary**2.1 Overall Construction**

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

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------|---------|--------|--------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|----------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2025 | 0.0192 | 0.2305 | 0.1412 | 5.0000e-004 | 0.0759 | 7.6000e-003 | 0.0835 | 0.0392 | 7.0000e-003 | 0.0462 | 0.0000 | 45.4412 | 45.4412 | 0.0100 | 2.3900e-003 | 46.4047 |
| 2026 | 0.1864 | 0.6690 | 0.8172 | 1.5700e-003 | 0.0175 | 0.0271 | 0.0446 | 4.5900e-003 | 0.0251 | 0.0297 | 0.0000 | 139.5058 | 139.5058 | 0.0367 | 2.7200e-003 | 141.2342 |
| 2027 | 0.1326 | 0.0121 | 0.0194 | 3.0000e-005 | 2.0000e-004 | 5.4000e-004 | 7.4000e-004 | 5.0000e-005 | 5.4000e-004 | 6.0000e-004 | 0.0000 | 2.8243 | 2.8243 | 1.5000e-004 | 0.0000 | 2.8290 |
| Maximum | 0.1864 | 0.6690 | 0.8172 | 1.5700e-003 | 0.0759 | 0.0271 | 0.0835 | 0.0392 | 0.0251 | 0.0462 | 0.0000 | 139.5058 | 139.5058 | 0.0367 | 2.7200e-003 | 141.2342 |

Mitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------|-------------|-------------|--------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|----------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2025 | 5.2700e-003 | 0.0578 | 0.1861 | 5.0000e-004 | 0.0334 | 8.7000e-004 | 0.0343 | 0.0163 | 8.6000e-004 | 0.0172 | 0.0000 | 45.4412 | 45.4412 | 0.0100 | 2.3900e-003 | 46.4047 |
| 2026 | 0.1415 | 0.1353 | 0.9129 | 1.5700e-003 | 0.0169 | 3.3100e-003 | 0.0202 | 4.5100e-003 | 3.2900e-003 | 7.8000e-003 | 0.0000 | 139.5056 | 139.5056 | 0.0367 | 2.7200e-003 | 141.2341 |
| 2027 | 0.1312 | 1.3800e-003 | 0.0197 | 3.0000e-005 | 2.0000e-004 | 4.0000e-005 | 2.4000e-004 | 5.0000e-005 | 4.0000e-005 | 1.0000e-004 | 0.0000 | 2.8243 | 2.8243 | 1.5000e-004 | 0.0000 | 2.8290 |
| Maximum | 0.1415 | 0.1353 | 0.9129 | 1.5700e-003 | 0.0334 | 3.3100e-003 | 0.0343 | 0.0163 | 3.2900e-003 | 0.0172 | 0.0000 | 139.5056 | 139.5056 | 0.0367 | 2.7200e-003 | 141.2341 |

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

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|-------|-------|--------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 17.83 | 78.67 | -14.39 | 0.00 | 46.02 | 88.04 | 57.52 | 52.35 | 87.16 | 67.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|------------|--|--|
| 14 | 8-25-2025 | 11-24-2025 | 0.1669 | 0.0335 |
| 15 | 11-25-2025 | 2-24-2026 | 0.1800 | 0.0666 |
| 16 | 2-25-2026 | 5-24-2026 | 0.1927 | 0.0304 |
| 17 | 5-25-2026 | 8-24-2026 | 0.2046 | 0.0308 |
| 18 | 8-25-2026 | 11-24-2026 | 0.1898 | 0.0463 |
| 19 | 11-25-2026 | 2-24-2027 | 0.2857 | 0.2505 |
| | | Highest | 0.2857 | 0.2505 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.0 Construction Detail****Construction Phase**

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Grading | Grading | 10/6/2025 | 11/14/2025 | 5 | 30 | |
| 2 | Site Preparation | Site Preparation | 11/17/2025 | 2/27/2026 | 5 | 75 | |
| 3 | Building Construction | Building Construction | 3/2/2026 | 10/9/2026 | 5 | 160 | |
| 4 | Paving | Paving | 10/12/2026 | 12/4/2026 | 5 | 40 | |
| 5 | Architectural Coating | Architectural Coating | 12/7/2026 | 1/29/2027 | 5 | 40 | |

Acres of Grading (Site Preparation Phase): 0.5**Acres of Grading (Grading Phase): 1.5****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 32,250; Non-Residential Outdoor: 10,750; Striped Parking Area: 0 (Architectural**

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

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Graders | 1 | 6.00 | 187 | 0.41 |
| Site Preparation | Tractors/Loaders/Backhoes | 1 | 6.00 | 97 | 0.37 |
| Building Construction | Cranes | 1 | 4.00 | 231 | 0.29 |
| Building Construction | Forklifts | 2 | 6.00 | 89 | 0.20 |
| Building Construction | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Paving | Cement and Mortar Mixers | 4 | 6.00 | 9 | 0.56 |
| Paving | Pavers | 1 | 7.00 | 130 | 0.42 |
| Paving | Rollers | 1 | 7.00 | 80 | 0.38 |
| Paving | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |
| Grading | Graders | 1 | 6.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 6.00 | 247 | 0.40 |
| Grading | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Grading | 3 | 8.00 | 0.00 | 182.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 2 | 5.00 | 0.00 | 728.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 5 | 9.00 | 4.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 7 | 18.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 2.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.2 Grading - 2025****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.0687 | 0.0000 | 0.0687 | 0.0374 | 0.0000 | 0.0374 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0125 | 0.1310 | 0.0809 | 2.1000e-004 | | 5.2300e-003 | 5.2300e-003 | | 4.8100e-003 | 4.8100e-003 | 0.0000 | 18.5705 | 18.5705 | 6.0100e-003 | 0.0000 | 18.7207 |
| Total | 0.0125 | 0.1310 | 0.0809 | 2.1000e-004 | 0.0687 | 5.2300e-003 | 0.0739 | 0.0374 | 4.8100e-003 | 0.0422 | 0.0000 | 18.5705 | 18.5705 | 6.0100e-003 | 0.0000 | 18.7207 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 2.3000e-004 | 0.0144 | 3.0100e-003 | 5.0000e-005 | 1.5600e-003 | 1.2000e-004 | 1.6700e-003 | 4.3000e-004 | 1.1000e-004 | 5.4000e-004 | 0.0000 | 5.3794 | 5.3794 | 2.0000e-004 | 8.5000e-004 | 5.6387 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.4000e-004 | 2.2000e-004 | 2.7700e-003 | 1.0000e-005 | 1.1600e-003 | 1.0000e-005 | 1.1600e-003 | 3.1000e-004 | 0.0000 | 3.1000e-004 | 0.0000 | 0.8563 | 0.8563 | 2.0000e-005 | 2.0000e-005 | 0.8634 |
| Total | 5.7000e-004 | 0.0147 | 5.7800e-003 | 6.0000e-005 | 2.7200e-003 | 1.3000e-004 | 2.8300e-003 | 7.4000e-004 | 1.1000e-004 | 8.5000e-004 | 0.0000 | 6.2357 | 6.2357 | 2.2000e-004 | 8.7000e-004 | 6.5022 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.0268 | 0.0000 | 0.0268 | 0.0146 | 0.0000 | 0.0146 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 2.5900e-003 | 0.0112 | 0.1073 | 2.1000e-004 | | 3.4000e-004 | 3.4000e-004 | | 3.4000e-004 | 3.4000e-004 | 0.0000 | 18.5705 | 18.5705 | 6.0100e-003 | 0.0000 | 18.7206 |
| Total | 2.5900e-003 | 0.0112 | 0.1073 | 2.1000e-004 | 0.0268 | 3.4000e-004 | 0.0271 | 0.0146 | 3.4000e-004 | 0.0149 | 0.0000 | 18.5705 | 18.5705 | 6.0100e-003 | 0.0000 | 18.7206 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 2.3000e-004 | 0.0144 | 3.0100e-003 | 5.0000e-005 | 1.5600e-003 | 1.2000e-004 | 1.6700e-003 | 4.3000e-004 | 1.1000e-004 | 5.4000e-004 | 0.0000 | 5.3794 | 5.3794 | 2.0000e-004 | 8.5000e-004 | 5.6387 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.4000e-004 | 2.2000e-004 | 2.7700e-003 | 1.0000e-005 | 1.1600e-003 | 1.0000e-005 | 1.1600e-003 | 3.1000e-004 | 0.0000 | 3.1000e-004 | 0.0000 | 0.8563 | 0.8563 | 2.0000e-005 | 2.0000e-005 | 0.8634 |
| Total | 5.7000e-004 | 0.0147 | 5.7800e-003 | 6.0000e-005 | 2.7200e-003 | 1.3000e-004 | 2.8300e-003 | 7.4000e-004 | 1.1000e-004 | 8.5000e-004 | 0.0000 | 6.2357 | 6.2357 | 2.2000e-004 | 8.7000e-004 | 6.5022 |

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3.3 Site Preparation - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.4000e-004 | 0.0000 | 9.4000e-004 | 1.3000e-004 | 0.0000 | 1.3000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 5.4800e-003 | 0.0593 | 0.0473 | 1.2000e-004 | | 2.0500e-003 | 2.0500e-003 | | 1.8800e-003 | 1.8800e-003 | 0.0000 | 10.5786 | 10.5786 | 3.4200e-003 | 0.0000 | 10.6641 |
| Total | 5.4800e-003 | 0.0593 | 0.0473 | 1.2000e-004 | 9.4000e-004 | 2.0500e-003 | 2.9900e-003 | 1.3000e-004 | 1.8800e-003 | 2.0100e-003 | 0.0000 | 10.5786 | 10.5786 | 3.4200e-003 | 0.0000 | 10.6641 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|--------------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 4.1000e-004 | 0.0254 | 5.3000e-003 | 1.0000e-004 | 2.7400e-003 | 2.0000e-004 | 2.9400e-003 | 7.5000e-004 | 2.0000e-004 | 9.5000e-004 | 0.0000 | 9.4677 | 9.4677 | 3.6000e-004 | 1.5000e-003 | 9.9241 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.3000e-004 | 1.5000e-004 | 1.9000e-003 | 1.0000e-005 | 7.9000e-004 | 0.0000 | 8.0000e-004 | 2.1000e-004 | 0.0000 | 2.1000e-004 | 0.0000 | 0.5887 | 0.5887 | 1.0000e-005 | 2.0000e-005 | 0.5936 |
| Total | 6.4000e-004 | 0.0256 | 7.2000e-003 | 1.1000e-004 | 3.5300e-003 | 2.0000e-004 | 3.7400e-003 | 9.6000e-004 | 2.0000e-004 | 1.1600e-003 | 0.0000 | 10.0564 | 10.0564 | 3.7000e-004 | 1.5200e-003 | 10.5177 |

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 3.7000e-004 | 0.0000 | 3.7000e-004 | 5.0000e-005 | 0.0000 | 5.0000e-005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 1.4700e-003 | 6.3900e-003 | 0.0658 | 1.2000e-004 | | 2.0000e-004 | 2.0000e-004 | | 2.0000e-004 | 2.0000e-004 | 0.0000 | 10.5786 | 10.5786 | 3.4200e-003 | 0.0000 | 10.6641 |
| Total | 1.4700e-003 | 6.3900e-003 | 0.0658 | 1.2000e-004 | 3.7000e-004 | 2.0000e-004 | 5.7000e-004 | 5.0000e-005 | 2.0000e-004 | 2.5000e-004 | 0.0000 | 10.5786 | 10.5786 | 3.4200e-003 | 0.0000 | 10.6641 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|--------------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 4.1000e-004 | 0.0254 | 5.3000e-003 | 1.0000e-004 | 2.7400e-003 | 2.0000e-004 | 2.9400e-003 | 7.5000e-004 | 2.0000e-004 | 9.5000e-004 | 0.0000 | 9.4677 | 9.4677 | 3.6000e-004 | 1.5000e-003 | 9.9241 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.3000e-004 | 1.5000e-004 | 1.9000e-003 | 1.0000e-005 | 7.9000e-004 | 0.0000 | 8.0000e-004 | 2.1000e-004 | 0.0000 | 2.1000e-004 | 0.0000 | 0.5887 | 0.5887 | 1.0000e-005 | 2.0000e-005 | 0.5936 |
| Total | 6.4000e-004 | 0.0256 | 7.2000e-003 | 1.1000e-004 | 3.5300e-003 | 2.0000e-004 | 3.7400e-003 | 9.6000e-004 | 2.0000e-004 | 1.1600e-003 | 0.0000 | 10.0564 | 10.0564 | 3.7000e-004 | 1.5200e-003 | 10.5177 |

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3.3 Site Preparation - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.4000e-004 | 0.0000 | 9.4000e-004 | 1.3000e-004 | 0.0000 | 1.3000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 6.9800e-003 | 0.0755 | 0.0602 | 1.5000e-004 | | 2.6000e-003 | 2.6000e-003 | | 2.4000e-003 | 2.4000e-003 | 0.0000 | 13.4637 | 13.4637 | 4.3500e-003 | 0.0000 | 13.5725 |
| Total | 6.9800e-003 | 0.0755 | 0.0602 | 1.5000e-004 | 9.4000e-004 | 2.6000e-003 | 3.5400e-003 | 1.3000e-004 | 2.4000e-003 | 2.5300e-003 | 0.0000 | 13.4637 | 13.4637 | 4.3500e-003 | 0.0000 | 13.5725 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|--------------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 5.0000e-004 | 0.0313 | 6.8100e-003 | 1.2000e-004 | 3.4900e-003 | 2.5000e-004 | 3.7400e-003 | 9.6000e-004 | 2.4000e-004 | 1.2000e-003 | 0.0000 | 11.7929 | 11.7929 | 4.7000e-004 | 1.8700e-003 | 12.3622 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.8000e-004 | 1.8000e-004 | 2.2800e-003 | 1.0000e-005 | 1.0100e-003 | 0.0000 | 1.0200e-003 | 2.7000e-004 | 0.0000 | 2.7000e-004 | 0.0000 | 0.7324 | 0.7324 | 2.0000e-005 | 2.0000e-005 | 0.7383 |
| Total | 7.8000e-004 | 0.0314 | 9.0900e-003 | 1.3000e-004 | 4.5000e-003 | 2.5000e-004 | 4.7600e-003 | 1.2300e-003 | 2.4000e-004 | 1.4700e-003 | 0.0000 | 12.5253 | 12.5253 | 4.9000e-004 | 1.8900e-003 | 13.1004 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 3.7000e-004 | 0.0000 | 3.7000e-004 | 5.0000e-005 | 0.0000 | 5.0000e-005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 1.8800e-003 | 8.1300e-003 | 0.0837 | 1.5000e-004 | | 2.5000e-004 | 2.5000e-004 | | 2.5000e-004 | 2.5000e-004 | 0.0000 | 13.4637 | 13.4637 | 4.3500e-003 | 0.0000 | 13.5725 |
| Total | 1.8800e-003 | 8.1300e-003 | 0.0837 | 1.5000e-004 | 3.7000e-004 | 2.5000e-004 | 6.2000e-004 | 5.0000e-005 | 2.5000e-004 | 3.0000e-004 | 0.0000 | 13.4637 | 13.4637 | 4.3500e-003 | 0.0000 | 13.5725 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|--------------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 5.0000e-004 | 0.0313 | 6.8100e-003 | 1.2000e-004 | 3.4900e-003 | 2.5000e-004 | 3.7400e-003 | 9.6000e-004 | 2.4000e-004 | 1.2000e-003 | 0.0000 | 11.7929 | 11.7929 | 4.7000e-004 | 1.8700e-003 | 12.3622 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.8000e-004 | 1.8000e-004 | 2.2800e-003 | 1.0000e-005 | 1.0100e-003 | 0.0000 | 1.0200e-003 | 2.7000e-004 | 0.0000 | 2.7000e-004 | 0.0000 | 0.7324 | 0.7324 | 2.0000e-005 | 2.0000e-005 | 0.7383 |
| Total | 7.8000e-004 | 0.0314 | 9.0900e-003 | 1.3000e-004 | 4.5000e-003 | 2.5000e-004 | 4.7600e-003 | 1.2300e-003 | 2.4000e-004 | 1.4700e-003 | 0.0000 | 12.5253 | 12.5253 | 4.9000e-004 | 1.8900e-003 | 13.1004 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Annual

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

3.4 Building Construction - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0441 | 0.4386 | 0.5623 | 9.1000e-004 | | 0.0193 | 0.0193 | | 0.0178 | 0.0178 | 0.0000 | 80.2366 | 80.2366 | 0.0260 | 0.0000 | 80.8853 |
| Total | 0.0441 | 0.4386 | 0.5623 | 9.1000e-004 | | 0.0193 | 0.0193 | | 0.0178 | 0.0178 | 0.0000 | 80.2366 | 80.2366 | 0.0260 | 0.0000 | 80.8853 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 3.4000e-004 | 0.0124 | 4.0500e-003 | 5.0000e-005 | 1.4600e-003 | 7.0000e-005 | 1.5300e-003 | 4.2000e-004 | 7.0000e-005 | 4.9000e-004 | 0.0000 | 4.3870 | 4.3870 | 1.1000e-004 | 6.4000e-004 | 4.5813 |
| Worker | 1.9400e-003 | 1.2100e-003 | 0.0157 | 5.0000e-005 | 6.9300e-003 | 3.0000e-005 | 6.9600e-003 | 1.8400e-003 | 3.0000e-005 | 1.8700e-003 | 0.0000 | 5.0222 | 5.0222 | 1.1000e-004 | 1.2000e-004 | 5.0623 |
| Total | 2.2800e-003 | 0.0136 | 0.0197 | 1.0000e-004 | 8.3900e-003 | 1.0000e-004 | 8.4900e-003 | 2.2600e-003 | 1.0000e-004 | 2.3600e-003 | 0.0000 | 9.4092 | 9.4092 | 2.2000e-004 | 7.6000e-004 | 9.6436 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Mitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0112 | 0.0484 | 0.6181 | 9.1000e-004 | | 1.4900e-003 | 1.4900e-003 | | 1.4900e-003 | 1.4900e-003 | 0.0000 | 80.2365 | 80.2365 | 0.0260 | 0.0000 | 80.8852 |
| Total | 0.0112 | 0.0484 | 0.6181 | 9.1000e-004 | | 1.4900e-003 | 1.4900e-003 | | 1.4900e-003 | 1.4900e-003 | 0.0000 | 80.2365 | 80.2365 | 0.0260 | 0.0000 | 80.8852 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 3.4000e-004 | 0.0124 | 4.0500e-003 | 5.0000e-005 | 1.4600e-003 | 7.0000e-005 | 1.5300e-003 | 4.2000e-004 | 7.0000e-005 | 4.9000e-004 | 0.0000 | 4.3870 | 4.3870 | 1.1000e-004 | 6.4000e-004 | 4.5813 |
| Worker | 1.9400e-003 | 1.2100e-003 | 0.0157 | 5.0000e-005 | 6.9300e-003 | 3.0000e-005 | 6.9600e-003 | 1.8400e-003 | 3.0000e-005 | 1.8700e-003 | 0.0000 | 5.0222 | 5.0222 | 1.1000e-004 | 1.2000e-004 | 5.0623 |
| Total | 2.2800e-003 | 0.0136 | 0.0197 | 1.0000e-004 | 8.3900e-003 | 1.0000e-004 | 8.4900e-003 | 2.2600e-003 | 1.0000e-004 | 2.3600e-003 | 0.0000 | 9.4092 | 9.4092 | 2.2000e-004 | 7.6000e-004 | 9.6436 |

LOSSAN CCLF Later Phases Construction - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.5 Paving - 2026****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0113 | 0.0984 | 0.1405 | 2.3000e-004 | | 4.3700e-003 | 4.3700e-003 | | 4.0900e-003 | 4.0900e-003 | 0.0000 | 18.8018 | 18.8018 | 5.4800e-003 | 0.0000 | 18.9387 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0113 | 0.0984 | 0.1405 | 2.3000e-004 | | 4.3700e-003 | 4.3700e-003 | | 4.0900e-003 | 4.0900e-003 | 0.0000 | 18.8018 | 18.8018 | 5.4800e-003 | 0.0000 | 18.9387 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7000e-004 | 6.1000e-004 | 7.8300e-003 | 3.0000e-005 | 3.4700e-003 | 1.0000e-005 | 3.4800e-003 | 9.2000e-004 | 1.0000e-005 | 9.3000e-004 | 0.0000 | 2.5111 | 2.5111 | 6.0000e-005 | 6.0000e-005 | 2.5311 |
| Total | 9.7000e-004 | 6.1000e-004 | 7.8300e-003 | 3.0000e-005 | 3.4700e-003 | 1.0000e-005 | 3.4800e-003 | 9.2000e-004 | 1.0000e-005 | 9.3000e-004 | 0.0000 | 2.5111 | 2.5111 | 6.0000e-005 | 6.0000e-005 | 2.5311 |

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

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 5.7600e-003 | 0.0318 | 0.1566 | 2.3000e-004 | | 1.1600e-003 | 1.1600e-003 | | 1.1600e-003 | 1.1600e-003 | 0.0000 | 18.8018 | 18.8018 | 5.4800e-003 | 0.0000 | 18.9387 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 5.7600e-003 | 0.0318 | 0.1566 | 2.3000e-004 | | 1.1600e-003 | 1.1600e-003 | | 1.1600e-003 | 1.1600e-003 | 0.0000 | 18.8018 | 18.8018 | 5.4800e-003 | 0.0000 | 18.9387 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7000e-004 | 6.1000e-004 | 7.8300e-003 | 3.0000e-005 | 3.4700e-003 | 1.0000e-005 | 3.4800e-003 | 9.2000e-004 | 1.0000e-005 | 9.3000e-004 | 0.0000 | 2.5111 | 2.5111 | 6.0000e-005 | 6.0000e-005 | 2.5311 |
| Total | 9.7000e-004 | 6.1000e-004 | 7.8300e-003 | 3.0000e-005 | 3.4700e-003 | 1.0000e-005 | 3.4800e-003 | 9.2000e-004 | 1.0000e-005 | 9.3000e-004 | 0.0000 | 2.5111 | 2.5111 | 6.0000e-005 | 6.0000e-005 | 2.5311 |

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

3.6 Architectural Coating - 2026**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.1183 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 1.6200e-003 | 0.0109 | 0.0172 | 3.0000e-005 | | 4.9000e-004 | 4.9000e-004 | | 4.9000e-004 | 4.9000e-004 | 0.0000 | 2.4256 | 2.4256 | 1.3000e-004 | 0.0000 | 2.4289 |
| Total | 0.1200 | 0.0109 | 0.0172 | 3.0000e-005 | | 4.9000e-004 | 4.9000e-004 | | 4.9000e-004 | 4.9000e-004 | 0.0000 | 2.4256 | 2.4256 | 1.3000e-004 | 0.0000 | 2.4289 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.0000e-005 | 3.0000e-005 | 4.1000e-004 | 0.0000 | 1.8000e-004 | 0.0000 | 1.8000e-004 | 5.0000e-005 | 0.0000 | 5.0000e-005 | 0.0000 | 0.1325 | 0.1325 | 0.0000 | 0.0000 | 0.1336 |
| Total | 5.0000e-005 | 3.0000e-005 | 4.1000e-004 | 0.0000 | 1.8000e-004 | 0.0000 | 1.8000e-004 | 5.0000e-005 | 0.0000 | 5.0000e-005 | 0.0000 | 0.1325 | 0.1325 | 0.0000 | 0.0000 | 0.1336 |

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

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.1183 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 2.8000e-004 | 1.2200e-003 | 0.0174 | 3.0000e-005 | | 4.0000e-005 | 4.0000e-005 | | 4.0000e-005 | 4.0000e-005 | 0.0000 | 2.4256 | 2.4256 | 1.3000e-004 | 0.0000 | 2.4289 |
| Total | 0.1186 | 1.2200e-003 | 0.0174 | 3.0000e-005 | | 4.0000e-005 | 4.0000e-005 | | 4.0000e-005 | 4.0000e-005 | 0.0000 | 2.4256 | 2.4256 | 1.3000e-004 | 0.0000 | 2.4289 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.0000e-005 | 3.0000e-005 | 4.1000e-004 | 0.0000 | 1.8000e-004 | 0.0000 | 1.8000e-004 | 5.0000e-005 | 0.0000 | 5.0000e-005 | 0.0000 | 0.1325 | 0.1325 | 0.0000 | 0.0000 | 0.1336 |
| Total | 5.0000e-005 | 3.0000e-005 | 4.1000e-004 | 0.0000 | 1.8000e-004 | 0.0000 | 1.8000e-004 | 5.0000e-005 | 0.0000 | 5.0000e-005 | 0.0000 | 0.1325 | 0.1325 | 0.0000 | 0.0000 | 0.1336 |

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

3.6 Architectural Coating - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.1308 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 1.7900e-003 | 0.0120 | 0.0190 | 3.0000e-005 | | 5.4000e-004 | 5.4000e-004 | | 5.4000e-004 | 5.4000e-004 | 0.0000 | 2.6809 | 2.6809 | 1.5000e-004 | 0.0000 | 2.6846 |
| Total | 0.1326 | 0.0120 | 0.0190 | 3.0000e-005 | | 5.4000e-004 | 5.4000e-004 | | 5.4000e-004 | 5.4000e-004 | 0.0000 | 2.6809 | 2.6809 | 1.5000e-004 | 0.0000 | 2.6846 |

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.0000e-005 | 3.0000e-005 | 4.3000e-004 | 0.0000 | 2.0000e-004 | 0.0000 | 2.0000e-004 | 5.0000e-005 | 0.0000 | 5.0000e-005 | 0.0000 | 0.1433 | 0.1433 | 0.0000 | 0.0000 | 0.1444 |
| Total | 5.0000e-005 | 3.0000e-005 | 4.3000e-004 | 0.0000 | 2.0000e-004 | 0.0000 | 2.0000e-004 | 5.0000e-005 | 0.0000 | 5.0000e-005 | 0.0000 | 0.1433 | 0.1433 | 0.0000 | 0.0000 | 0.1444 |

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

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.1308 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.1000e-004 | 1.3500e-003 | 0.0192 | 3.0000e-005 | | 4.0000e-005 | 4.0000e-005 | | 4.0000e-005 | 4.0000e-005 | 0.0000 | 2.6809 | 2.6809 | 1.5000e-004 | 0.0000 | 2.6846 |
| Total | 0.1311 | 1.3500e-003 | 0.0192 | 3.0000e-005 | | 4.0000e-005 | 4.0000e-005 | | 4.0000e-005 | 4.0000e-005 | 0.0000 | 2.6809 | 2.6809 | 1.5000e-004 | 0.0000 | 2.6846 |

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.0000e-005 | 3.0000e-005 | 4.3000e-004 | 0.0000 | 2.0000e-004 | 0.0000 | 2.0000e-004 | 5.0000e-005 | 0.0000 | 5.0000e-005 | 0.0000 | 0.1433 | 0.1433 | 0.0000 | 0.0000 | 0.1444 |
| Total | 5.0000e-005 | 3.0000e-005 | 4.3000e-004 | 0.0000 | 2.0000e-004 | 0.0000 | 2.0000e-004 | 5.0000e-005 | 0.0000 | 5.0000e-005 | 0.0000 | 0.1433 | 0.1433 | 0.0000 | 0.0000 | 0.1444 |

Project Buildout Operations CalEEMod Files

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**LOSSAN CCLF Operations-Full Buildout 2027****San Luis Obispo County, Summer****1.0 Project Characteristics****1.1 Land Usage**

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-------------------------|-------|-------------------|-------------|--------------------|------------|
| General Office Building | 3.00 | 1000sqft | 0.07 | 3,000.00 | 0 |
| User Defined Industrial | 2.90 | User Defined Unit | 0.07 | 2,900.00 | 0 |
| User Defined Industrial | 1.50 | User Defined Unit | 0.03 | 1,500.00 | 0 |
| User Defined Industrial | 2.20 | User Defined Unit | 0.05 | 2,200.00 | 0 |
| User Defined Industrial | 10.00 | User Defined Unit | 0.23 | 10,000.00 | 0 |
| User Defined Industrial | 1.90 | User Defined Unit | 0.04 | 1,900.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|----------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.2 | Precipitation Freq (Days) | 44 |
| Climate Zone | 4 | | | Operational Year | 2027 |
| Utility Company | Pacific Gas and Electric Company | | | | |
| CO2 Intensity (lb/MW hr) | 203.98 | CH4 Intensity (lb/MW hr) | 0.033 | N2O Intensity (lb/MW hr) | 0.004 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 6 Buildings per Project Description

Construction Phase - Phase 2 Conservative Schedule

Grading - 9,200 CY of earthen materials to be hauled away from project site

Energy Use - No natural gas use. Planning assumption estimates for specialty use buildings.

Water And Wastewater - Special use facility adjustment

Solid Waste - Special use facility adjustment

Construction Off-road Equipment Mitigation - Tier 4 Equipment; Site watering during ground disturbance

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Summer

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

Trips and VMT - Project-Specific Information

Off-road Equipment - Project-specific information

Off-road Equipment -

Off-road Equipment -

Energy Mitigation -

Vehicle Trips -

| Table Name | Column Name | Default Value | New Value |
|-------------------------|----------------------------|---------------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 5.00 |
| 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 |
| tblConstructionPhase | NumDays | 2.00 | 30.00 |
| tblConstructionPhase | NumDays | 1.00 | 75.00 |
| tblConstructionPhase | NumDays | 100.00 | 160.00 |
| tblConstructionPhase | NumDays | 5.00 | 40.00 |
| tblConstructionPhase | NumDays | 5.00 | 40.00 |

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Summer

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

| | | | |
|---------------------|-------------------|----------|-----------|
| tblEnergyUse | LightingElect | 0.00 | 1.94 |
| tblEnergyUse | NT24NG | 0.06 | 0.00 |
| tblEnergyUse | T24E | 0.00 | 1.94 |
| tblEnergyUse | T24NG | 16.14 | 0.00 |
| tblGrading | AcresOfGrading | 22.50 | 1.50 |
| tblGrading | AcresOfGrading | 28.13 | 0.50 |
| tblGrading | MaterialExported | 0.00 | 1,840.00 |
| tblGrading | MaterialExported | 0.00 | 7,360.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 1,500.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 1,900.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 10,000.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 2,200.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 2,900.00 |
| tblLandUse | LotAcreage | 0.00 | 0.03 |
| tblLandUse | LotAcreage | 0.00 | 0.04 |
| tblLandUse | LotAcreage | 0.00 | 0.23 |
| tblLandUse | LotAcreage | 0.00 | 0.05 |
| tblLandUse | LotAcreage | 0.00 | 0.07 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblTripsAndVMT | HaulingTripNumber | 1,150.00 | 182.00 |
| tblTripsAndVMT | HaulingTripNumber | 0.00 | 728.00 |

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**2.0 Emissions Summary****2.2 Overall Operational****Unmitigated Operational**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 0.5968 | 2.0000e-005 | 2.1900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 4.7100e-003 | 4.7100e-003 | 1.0000e-005 | | 5.0100e-003 |
| Energy | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Mobile | 0.0769 | 0.0856 | 0.6050 | 1.2400e-003 | 0.1401 | 1.1100e-003 | 0.1412 | 0.0374 | 1.0500e-003 | 0.0384 | | 130.6725 | 130.6725 | 8.0900e-003 | 6.1900e-003 | 132.7207 |
| Total | 0.6737 | 0.0856 | 0.6072 | 1.2400e-003 | 0.1401 | 1.1200e-003 | 0.1412 | 0.0374 | 1.0600e-003 | 0.0384 | | 130.6772 | 130.6772 | 8.1000e-003 | 6.1900e-003 | 132.7257 |

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 | 0.5968 | 2.0000e-005 | 2.1900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 4.7100e-003 | 4.7100e-003 | 1.0000e-005 | | 5.0100e-003 |
| Energy | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Mobile | 0.0769 | 0.0856 | 0.6050 | 1.2400e-003 | 0.1401 | 1.1100e-003 | 0.1412 | 0.0374 | 1.0500e-003 | 0.0384 | | 130.6725 | 130.6725 | 8.0900e-003 | 6.1900e-003 | 132.7207 |
| Total | 0.6737 | 0.0856 | 0.6072 | 1.2400e-003 | 0.1401 | 1.1200e-003 | 0.1412 | 0.0374 | 1.0600e-003 | 0.0384 | | 130.6772 | 130.6772 | 8.1000e-003 | 6.1900e-003 | 132.7257 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-----|-----|------|
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-----|-----|------|

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Summer

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

| | | | | | | | | | | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 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 | 0.0769 | 0.0856 | 0.6050 | 1.2400e-002 | 0.1401 | 1.1100e-002 | 0.1412 | 0.0374 | 1.0500e-002 | 0.0384 | | 130.6725 | 130.6725 | 8.0900e-002 | 6.1900e-002 | 132.7207 |
| Unmitigated | 0.0769 | 0.0856 | 0.6050 | 1.2400e-002 | 0.1401 | 1.1100e-002 | 0.1412 | 0.0374 | 1.0500e-002 | 0.0384 | | 130.6725 | 130.6725 | 8.0900e-002 | 6.1900e-002 | 132.7207 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-------------------------|-------------------------|----------|--------|-------------|------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| General Office Building | 29.22 | 6.63 | 2.10 | 50,317 | 50,317 |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| Total | 29.22 | 6.63 | 2.10 | 50,317 | 50,317 |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| General Office Building | 13.00 | 5.00 | 5.00 | 33.00 | 48.00 | 19.00 | 77 | 19 | 4 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|----------|-----|------|------|-----|------|------|-----|-----|------|------|-----|------|----|
|----------|-----|------|------|-----|------|------|-----|-----|------|------|-----|------|----|

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Summer

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

| | | | | | | | | | | | | | |
|-------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| General Office Building | 0.502926 | 0.057913 | 0.201381 | 0.142041 | 0.033535 | 0.008550 | 0.008361 | 0.005979 | 0.000919 | 0.000356 | 0.031380 | 0.000886 | 0.005774 |
| User Defined Industrial | 0.502926 | 0.057913 | 0.201381 | 0.142041 | 0.033535 | 0.008550 | 0.008361 | 0.005979 | 0.000919 | 0.000356 | 0.031380 | 0.000886 | 0.005774 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Percent of Electricity Use Generated with Renewable Energy

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

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

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|---------------|---------------|---------------|---------------|---------------|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| General Office Building | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Summer

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

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Summer

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

| | Natural Gas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|---------------|---------------|---------------|---------------|---------------|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| General Office Building | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Summer

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

6.0 Area Detail

6.1 Mitigation Measures Area

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|--------|-------------|-------------|--------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-------------|-------------|-------------|-----|-------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 0.5968 | 2.0000e-005 | 2.1900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 4.7100e-003 | 4.7100e-003 | 1.0000e-005 | | 5.0100e-003 |
| Unmitigated | 0.5968 | 2.0000e-005 | 2.1900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 4.7100e-003 | 4.7100e-003 | 1.0000e-005 | | 5.0100e-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 | 0.1365 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 0.4601 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 2.0000e-004 | 2.0000e-005 | 2.1900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 4.7100e-003 | 4.7100e-003 | 1.0000e-005 | | 5.0100e-003 |
| Total | 0.5968 | 2.0000e-005 | 2.1900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 4.7100e-003 | 4.7100e-003 | 1.0000e-005 | | 5.0100e-003 |

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Summer

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

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 | 0.1365 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 0.4601 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 2.0000e-004 | 2.0000e-005 | 2.1900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 4.7100e-003 | 4.7100e-003 | 1.0000e-005 | | 5.0100e-003 |
| Total | 0.5968 | 2.0000e-005 | 2.1900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 4.7100e-003 | 4.7100e-003 | 1.0000e-005 | | 5.0100e-003 |

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 |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**10.0 Stationary Equipment**

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**LOSSAN CCLF Operations-Full Buildout 2027****San Luis Obispo County, Winter****1.0 Project Characteristics****1.1 Land Usage**

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-------------------------|-------|-------------------|-------------|--------------------|------------|
| General Office Building | 3.00 | 1000sqft | 0.07 | 3,000.00 | 0 |
| User Defined Industrial | 2.90 | User Defined Unit | 0.07 | 2,900.00 | 0 |
| User Defined Industrial | 1.50 | User Defined Unit | 0.03 | 1,500.00 | 0 |
| User Defined Industrial | 2.20 | User Defined Unit | 0.05 | 2,200.00 | 0 |
| User Defined Industrial | 10.00 | User Defined Unit | 0.23 | 10,000.00 | 0 |
| User Defined Industrial | 1.90 | User Defined Unit | 0.04 | 1,900.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|----------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.2 | Precipitation Freq (Days) | 44 |
| Climate Zone | 4 | | | Operational Year | 2027 |
| Utility Company | Pacific Gas and Electric Company | | | | |
| CO2 Intensity (lb/MW hr) | 203.98 | CH4 Intensity (lb/MW hr) | 0.033 | N2O Intensity (lb/MW hr) | 0.004 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 6 Buildings per Project Description

Construction Phase - Phase 2 Conservative Schedule

Grading - 9,200 CY of earthen materials to be hauled away from project site

Energy Use - No natural gas use. Planning assumption estimates for specialty use buildings.

Water And Wastewater - Special use facility adjustment

Solid Waste - Special use facility adjustment

Construction Off-road Equipment Mitigation - Tier 4 Equipment; Site watering during ground disturbance

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Winter

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

Trips and VMT - Project-Specific Information

Off-road Equipment - Project-specific information

Off-road Equipment -

Off-road Equipment -

Energy Mitigation -

Vehicle Trips -

| Table Name | Column Name | Default Value | New Value |
|-------------------------|----------------------------|---------------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 5.00 |
| 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 |
| tblConstructionPhase | NumDays | 2.00 | 30.00 |
| tblConstructionPhase | NumDays | 1.00 | 75.00 |
| tblConstructionPhase | NumDays | 100.00 | 160.00 |
| tblConstructionPhase | NumDays | 5.00 | 40.00 |
| tblConstructionPhase | NumDays | 5.00 | 40.00 |

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Winter

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

| | | | |
|---------------------|-------------------|----------|-----------|
| tblEnergyUse | LightingElect | 0.00 | 1.94 |
| tblEnergyUse | NT24NG | 0.06 | 0.00 |
| tblEnergyUse | T24E | 0.00 | 1.94 |
| tblEnergyUse | T24NG | 16.14 | 0.00 |
| tblGrading | AcresOfGrading | 22.50 | 1.50 |
| tblGrading | AcresOfGrading | 28.13 | 0.50 |
| tblGrading | MaterialExported | 0.00 | 1,840.00 |
| tblGrading | MaterialExported | 0.00 | 7,360.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 1,500.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 1,900.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 10,000.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 2,200.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 2,900.00 |
| tblLandUse | LotAcreage | 0.00 | 0.03 |
| tblLandUse | LotAcreage | 0.00 | 0.04 |
| tblLandUse | LotAcreage | 0.00 | 0.23 |
| tblLandUse | LotAcreage | 0.00 | 0.05 |
| tblLandUse | LotAcreage | 0.00 | 0.07 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblTripsAndVMT | HaulingTripNumber | 1,150.00 | 182.00 |
| tblTripsAndVMT | HaulingTripNumber | 0.00 | 728.00 |

[illegible]

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Winter

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|----------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 0.0746 | 0.0920 | 0.6466 | 1.2000e-002 | 0.1401 | 1.1100e-002 | 0.1412 | 0.0374 | 1.0500e-002 | 0.0384 | | 126.7081 | 126.7081 | 8.8100e-002 | 6.5400e-002 | 128.8777 |
| Unmitigated | 0.0746 | 0.0920 | 0.6466 | 1.2000e-002 | 0.1401 | 1.1100e-002 | 0.1412 | 0.0374 | 1.0500e-002 | 0.0384 | | 126.7081 | 126.7081 | 8.8100e-002 | 6.5400e-002 | 128.8777 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-------------------------|-------------------------|----------|--------|-------------|------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| General Office Building | 29.22 | 6.63 | 2.10 | 50,317 | 50,317 |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| Total | 29.22 | 6.63 | 2.10 | 50,317 | 50,317 |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| General Office Building | 13.00 | 5.00 | 5.00 | 33.00 | 48.00 | 19.00 | 77 | 19 | 4 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| General Office Building | 0.502926 | 0.057913 | 0.201381 | 0.142041 | 0.033535 | 0.008550 | 0.008361 | 0.005979 | 0.000919 | 0.000356 | 0.031380 | 0.000886 | 0.005774 |
| User Defined Industrial | 0.502926 | 0.057913 | 0.201381 | 0.142041 | 0.033535 | 0.008550 | 0.008361 | 0.005979 | 0.000919 | 0.000356 | 0.031380 | 0.000886 | 0.005774 |

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**5.0 Energy Detail**

Historical Energy Use: N

5.1 Mitigation Measures Energy

Percent of Electricity Use Generated with Renewable Energy

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

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

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|---------------|---------------|---------------|---------------|---------------|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| General Office Building | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Winter

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

| | Natural Gas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|---------------|---------------|---------------|---------------|---------------|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| General Office Building | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Winter

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

6.0 Area Detail

6.1 Mitigation Measures Area

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|--------|-------------|-------------|--------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-------------|-------------|-------------|-----|-------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 0.5968 | 2.0000e-005 | 2.1900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 4.7100e-003 | 4.7100e-003 | 1.0000e-005 | | 5.0100e-003 |
| Unmitigated | 0.5968 | 2.0000e-005 | 2.1900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 4.7100e-003 | 4.7100e-003 | 1.0000e-005 | | 5.0100e-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 | 0.1365 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 0.4601 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 2.0000e-004 | 2.0000e-005 | 2.1900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 4.7100e-003 | 4.7100e-003 | 1.0000e-005 | | 5.0100e-003 |
| Total | 0.5968 | 2.0000e-005 | 2.1900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 4.7100e-003 | 4.7100e-003 | 1.0000e-005 | | 5.0100e-003 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**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 | 0.1365 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 0.4601 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 2.0000e-004 | 2.0000e-005 | 2.1900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 4.7100e-003 | 4.7100e-003 | 1.0000e-005 | | 5.0100e-003 |
| Total | 0.5968 | 2.0000e-005 | 2.1900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 4.7100e-003 | 4.7100e-003 | 1.0000e-005 | | 5.0100e-003 |

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**10.0 Stationary Equipment**

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**LOSSAN CCLF Operations-Full Buildout 2027****San Luis Obispo County, Annual****1.0 Project Characteristics****1.1 Land Usage**

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-------------------------|-------|-------------------|-------------|--------------------|------------|
| General Office Building | 3.00 | 1000sqft | 0.07 | 3,000.00 | 0 |
| User Defined Industrial | 2.90 | User Defined Unit | 0.07 | 2,900.00 | 0 |
| User Defined Industrial | 1.50 | User Defined Unit | 0.03 | 1,500.00 | 0 |
| User Defined Industrial | 2.20 | User Defined Unit | 0.05 | 2,200.00 | 0 |
| User Defined Industrial | 10.00 | User Defined Unit | 0.23 | 10,000.00 | 0 |
| User Defined Industrial | 1.90 | User Defined Unit | 0.04 | 1,900.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|----------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.2 | Precipitation Freq (Days) | 44 |
| Climate Zone | 4 | | | Operational Year | 2027 |
| Utility Company | Pacific Gas and Electric Company | | | | |
| CO2 Intensity (lb/MW hr) | 203.98 | CH4 Intensity (lb/MW hr) | 0.033 | N2O Intensity (lb/MW hr) | 0.004 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 6 Buildings per Project Description

Construction Phase - Phase 2 Conservative Schedule

Grading - 9,200 CY of earthen materials to be hauled away from project site

Energy Use - No natural gas use. Planning assumption estimates for specialty use buildings.

Water And Wastewater - Special use facility adjustment

Solid Waste - Special use facility adjustment

Construction Off-road Equipment Mitigation - Tier 4 Equipment; Site watering during ground disturbance

LOSSAN CCLF Operations-Full Buildout 2027 - San Luis Obispo County, Annual

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

Trips and VMT - Project-Specific Information

Off-road Equipment - Project-specific information

Off-road Equipment -

Off-road Equipment -

Energy Mitigation -

Vehicle Trips -

| Table Name | Column Name | Default Value | New Value |
|-------------------------|----------------------------|---------------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 5.00 |
| 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 |
| tblConstructionPhase | NumDays | 2.00 | 30.00 |
| tblConstructionPhase | NumDays | 1.00 | 75.00 |
| tblConstructionPhase | NumDays | 100.00 | 160.00 |
| tblConstructionPhase | NumDays | 5.00 | 40.00 |
| tblConstructionPhase | NumDays | 5.00 | 40.00 |

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

| | | | |
|---------------------|-------------------|----------|-----------|
| tblEnergyUse | LightingElect | 0.00 | 1.94 |
| tblEnergyUse | NT24NG | 0.06 | 0.00 |
| tblEnergyUse | T24E | 0.00 | 1.94 |
| tblEnergyUse | T24NG | 16.14 | 0.00 |
| tblGrading | AcresOfGrading | 22.50 | 1.50 |
| tblGrading | AcresOfGrading | 28.13 | 0.50 |
| tblGrading | MaterialExported | 0.00 | 1,840.00 |
| tblGrading | MaterialExported | 0.00 | 7,360.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 1,500.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 1,900.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 10,000.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 2,200.00 |
| tblLandUse | LandUseSquareFeet | 0.00 | 2,900.00 |
| tblLandUse | LotAcreage | 0.00 | 0.03 |
| tblLandUse | LotAcreage | 0.00 | 0.04 |
| tblLandUse | LotAcreage | 0.00 | 0.23 |
| tblLandUse | LotAcreage | 0.00 | 0.05 |
| tblLandUse | LotAcreage | 0.00 | 0.07 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblOffRoadEquipment | UsageHours | 8.00 | 6.00 |
| tblTripsAndVMT | HaulingTripNumber | 1,150.00 | 182.00 |
| tblTripsAndVMT | HaulingTripNumber | 0.00 | 728.00 |

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

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|---------------|--------------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 0.1089 | 0.0000 | 3.6000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 7.0000e-004 | 7.0000e-004 | 0.0000 | 0.0000 | 7.5000e-004 |
| Energy | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 11.4073 | 11.4073 | 1.8500e-003 | 2.2000e-004 | 11.5201 |
| Mobile | 0.0101 | 0.0126 | 0.0863 | 1.7000e-004 | 0.0188 | 1.5000e-004 | 0.0190 | 5.0200e-003 | 1.4000e-004 | 5.1700e-003 | 0.0000 | 15.8961 | 15.8961 | 1.0700e-003 | 8.1000e-004 | 16.1635 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.5663 | 0.0000 | 0.5663 | 0.0335 | 0.0000 | 1.4031 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.1692 | 0.3728 | 0.5419 | 0.0174 | 4.2000e-004 | 1.1022 |
| Total | 0.1190 | 0.0126 | 0.0867 | 1.7000e-004 | 0.0188 | 1.5000e-004 | 0.0190 | 5.0200e-003 | 1.4000e-004 | 5.1700e-003 | 0.7355 | 27.6768 | 28.4123 | 0.0538 | 1.4500e-003 | 30.1896 |

Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|---------------|--------------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 0.1089 | 0.0000 | 3.6000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 7.0000e-004 | 7.0000e-004 | 0.0000 | 0.0000 | 7.5000e-004 |
| Energy | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 6.8444 | 6.8444 | 1.1100e-003 | 1.3000e-004 | 6.9120 |
| Mobile | 0.0101 | 0.0126 | 0.0863 | 1.7000e-004 | 0.0188 | 1.5000e-004 | 0.0190 | 5.0200e-003 | 1.4000e-004 | 5.1700e-003 | 0.0000 | 15.8961 | 15.8961 | 1.0700e-003 | 8.1000e-004 | 16.1635 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.5663 | 0.0000 | 0.5663 | 0.0335 | 0.0000 | 1.4031 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.1692 | 0.3728 | 0.5419 | 0.0174 | 4.2000e-004 | 1.1022 |
| Total | 0.1190 | 0.0126 | 0.0867 | 1.7000e-004 | 0.0188 | 1.5000e-004 | 0.0190 | 5.0200e-003 | 1.4000e-004 | 5.1700e-003 | 0.7355 | 23.1139 | 23.8494 | 0.0531 | 1.3600e-003 | 25.5816 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|

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| | | | | | | | | | | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|------|-------|
| Percent Reduction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 16.49 | 16.06 | 1.37 | 6.21 | 15.26 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|------|-------|

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4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|---------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 0.0101 | 0.0126 | 0.0863 | 1.7000e-004 | 0.0188 | 1.5000e-004 | 0.0190 | 5.0200e-003 | 1.4000e-004 | 5.1700e-003 | 0.0000 | 15.8961 | 15.8961 | 1.0700e-003 | 8.1000e-004 | 16.1635 |
| Unmitigated | 0.0101 | 0.0126 | 0.0863 | 1.7000e-004 | 0.0188 | 1.5000e-004 | 0.0190 | 5.0200e-003 | 1.4000e-004 | 5.1700e-003 | 0.0000 | 15.8961 | 15.8961 | 1.0700e-003 | 8.1000e-004 | 16.1635 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated Annual VMT | Mitigated Annual VMT |
|-------------------------|-------------------------|----------|--------|------------------------|----------------------|
| | Weekday | Saturday | Sunday | | |
| General Office Building | 29.22 | 6.63 | 2.10 | 50,317 | 50,317 |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| Total | 29.22 | 6.63 | 2.10 | 50,317 | 50,317 |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| General Office Building | 13.00 | 5.00 | 5.00 | 33.00 | 48.00 | 19.00 | 77 | 19 | 4 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| General Office Building | 0.502926 | 0.057913 | 0.201381 | 0.142041 | 0.033535 | 0.008550 | 0.008361 | 0.005979 | 0.000919 | 0.000356 | 0.031380 | 0.000886 | 0.005774 |

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

5.0 Energy Detail

5.1 Mitigation Measures Energy

Percent of Electricity Use Generated with Renewable Energy

5.2 Energy by Land Use - Natural Gas

Unmitigated

[illegible]

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

| | Natural Gas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| General Office Building | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

5.3 Energy by Land Use - Electricity**Unmitigated**

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|-----------------|-----------|-------------|-------------|--------|
| Land Use | kWh/yr | MT/yr | | | |
| General Office Building | 51510 | 4.7659 | 7.7000e-004 | 9.0000e-005 | 4.8130 |
| User Defined Industrial | 11252 | 1.0411 | 1.7000e-004 | 2.0000e-005 | 1.0514 |
| User Defined Industrial | 38800 | 3.5899 | 5.8000e-004 | 7.0000e-005 | 3.6254 |
| User Defined Industrial | 5820 | 0.5385 | 9.0000e-005 | 1.0000e-005 | 0.5438 |
| User Defined Industrial | 7372 | 0.6821 | 1.1000e-004 | 1.0000e-005 | 0.6888 |
| User Defined Industrial | 8536 | 0.7898 | 1.3000e-004 | 2.0000e-005 | 0.7976 |

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| | | | | | |
|--------------|--|----------------|--------------------|--------------------|----------------|
| Total | | 11.4073 | 1.8500e-003 | 2.2000e-004 | 11.5201 |
|--------------|--|----------------|--------------------|--------------------|----------------|

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|-----------------|---------------|--------------------|--------------------|---------------|
| Land Use | kWh/yr | MT/yr | | | |
| General Office Building | 30906 | 2.8595 | 4.6000e-004 | 6.0000e-005 | 2.8878 |
| User Defined Industrial | 23280 | 2.1540 | 3.5000e-004 | 4.0000e-005 | 2.1753 |
| User Defined Industrial | 3492 | 0.3231 | 5.0000e-005 | 1.0000e-005 | 0.3263 |
| User Defined Industrial | 4423.2 | 0.4093 | 7.0000e-005 | 1.0000e-005 | 0.4133 |
| User Defined Industrial | 5121.6 | 0.4739 | 8.0000e-005 | 1.0000e-005 | 0.4786 |
| User Defined Industrial | 6751.2 | 0.6247 | 1.0000e-004 | 1.0000e-005 | 0.6308 |
| Total | | 6.8444 | 1.1100e-003 | 1.4000e-004 | 6.9120 |

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6.0 Area Detail

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|--------|-------------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 0.1089 | 0.0000 | 3.6000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 7.0000e-004 | 7.0000e-004 | 0.0000 | 0.0000 | 7.5000e-004 |
| Unmitigated | 0.1089 | 0.0000 | 3.6000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 7.0000e-004 | 7.0000e-004 | 0.0000 | 0.0000 | 7.5000e-004 |

6.2 Area by SubCategory

Unmitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|---------------|---------------|--------------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 0.0249 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 0.0840 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Landscaping | 3.0000e-005 | 0.0000 | 3.6000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 7.0000e-004 | 7.0000e-004 | 0.0000 | 0.0000 | 7.5000e-004 |
| Total | 0.1089 | 0.0000 | 3.6000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 7.0000e-004 | 7.0000e-004 | 0.0000 | 0.0000 | 7.5000e-004 |

Mitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|---------------|---------------|--------------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 0.0249 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 0.0840 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Landscaping | 3.0000e-005 | 0.0000 | 3.6000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 7.0000e-004 | 7.0000e-004 | 0.0000 | 0.0000 | 7.5000e-004 |
| Total | 0.1089 | 0.0000 | 3.6000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 7.0000e-004 | 7.0000e-004 | 0.0000 | 0.0000 | 7.5000e-004 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**7.0 Water Detail****7.1 Mitigation Measures Water**

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|-------------|--------|
| Category | MT/yr | | | |
| Mitigated | 0.5419 | 0.0174 | 4.2000e-004 | 1.1022 |
| Unmitigated | 0.5419 | 0.0174 | 4.2000e-004 | 1.1022 |

7.2 Water by Land Use**Unmitigated**

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------------------|---------------|---------------|--------------------|---------------|
| Land Use | Mgal | MT/yr | | | |
| General Office Building | 0.533201 / 0.326801 | 0.5419 | 0.0174 | 4.2000e-004 | 1.1022 |
| User Defined Industrial | 0 / 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 0.5419 | 0.0174 | 4.2000e-004 | 1.1022 |

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------------------|-----------|--------|-------------|--------|
| Land Use | Mgal | MT/yr | | | |
| General Office Building | 0.533201 / 0.326801 | 0.5419 | 0.0174 | 4.2000e-004 | 1.1022 |
| User Defined Industrial | 0 / 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

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| | | | | |
|--------------|---------------|---------------|--------------------|---------------|
| Total | 0.5419 | 0.0174 | 4.2000e-004 | 1.1022 |
|--------------|---------------|---------------|--------------------|---------------|

8.0 Waste Detail**8.1 Mitigation Measures Waste****Category/Year**

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|--------|
| | MT/yr | | | |
| Mitigated | 0.5663 | 0.0335 | 0.0000 | 1.4031 |
| Unmitigated | 0.5663 | 0.0335 | 0.0000 | 1.4031 |

8.2 Waste by Land Use**Unmitigated**

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|----------------|---------------|---------------|---------------|---------------|
| Land Use | tons | MT/yr | | | |
| General Office Building | 2.79 | 0.5663 | 0.0335 | 0.0000 | 1.4031 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 0.5663 | 0.0335 | 0.0000 | 1.4031 |

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|----------------|-----------|--------|--------|--------|
| Land Use | tons | MT/yr | | | |
| General Office Building | 2.79 | 0.5663 | 0.0335 | 0.0000 | 1.4031 |

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| | | | | | |
|----------------------------|---|---------------|---------------|---------------|---------------|
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 0.5663 | 0.0335 | 0.0000 | 1.4031 |

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

No Build (Existing) CalEEMod Files

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

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1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-------------------------|------|-------------------|-------------|--------------------|------------|
| General Office Building | 0.55 | 1000sqft | 0.01 | 548.00 | 0 |
| User Defined Industrial | 0.53 | User Defined Unit | 0.01 | 530.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|-------------------------|----------------------------------|-------------------------|-------|---------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.2 | Precipitation Freq (Days) | 44 |
| Climate Zone | 4 | | | Operational Year | 2027 |
| Utility Company | Pacific Gas and Electric Company | | | | |
| CO2 Intensity (lb/MWhr) | 203.98 | CH4 Intensity (lb/MWhr) | 0.033 | N2O Intensity (lb/MWhr) | 0.004 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 548 sf office; 530 sf storage shed space

Construction Phase - No Build Condition, no construction activity

Grading - No construction activity

Trips and VMT - No construction activity

Architectural Coating - No construction activity

| Table Name | Column Name | Default Value | New Value |
|-------------------------|-----------------------------------|---------------|-----------|
| tblArchitecturalCoating | ConstArea_Nonresidential_Exterior | 539.00 | 0.00 |
| tblArchitecturalCoating | ConstArea_Nonresidential_Interior | 1,617.00 | 0.00 |
| tblConstructionPhase | NumDays | 5.00 | 0.00 |

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| | | | |
|----------------------|-------------------|-----------|-----------|
| tblConstructionPhase | NumDays | 100.00 | 0.00 |
| tblConstructionPhase | NumDays | 10.00 | 0.00 |
| tblConstructionPhase | NumDays | 2.00 | 0.00 |
| tblConstructionPhase | NumDays | 5.00 | 0.00 |
| tblConstructionPhase | NumDays | 1.00 | 0.00 |
| tblConstructionPhase | PhaseEndDate | 7/7/2022 | 6/30/2022 |
| tblConstructionPhase | PhaseEndDate | 6/23/2022 | 2/3/2022 |
| tblConstructionPhase | PhaseEndDate | 1/31/2022 | 1/17/2022 |
| tblConstructionPhase | PhaseEndDate | 2/3/2022 | 2/1/2022 |
| tblConstructionPhase | PhaseEndDate | 6/30/2022 | 6/23/2022 |
| tblConstructionPhase | PhaseEndDate | 2/1/2022 | 1/31/2022 |
| tblLandUse | LandUseSquareFeet | 0.00 | 530.00 |
| tblLandUse | LotAcreage | 0.00 | 0.01 |
| tblTripsAndVMT | WorkerTripNumber | 10.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 5.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 8.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 18.00 | 0.00 |

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.1 Overall Construction****Unmitigated Construction**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------|---------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|--------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2022 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Maximum | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------|---------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|--------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2022 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Maximum | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|------|------|------|
| Percent Reduction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|----------|--|--|
|---------|------------|----------|--|--|

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Highest

2.2 Overall Operational**Unmitigated Operational**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 5.4600e-003 | 0.0000 | 2.0000e-005 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 4.0000e-005 | 4.0000e-005 | 0.0000 | 0.0000 | 4.0000e-005 |
| Energy | 5.0000e-005 | 4.4000e-004 | 3.7000e-004 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 1.3443 | 1.3443 | 1.5000e-004 | 3.0000e-005 | 1.3557 |
| Mobile | 1.8400e-003 | 2.2900e-003 | 0.0157 | 3.0000e-005 | 3.4300e-003 | 3.0000e-005 | 3.4600e-003 | 9.2000e-004 | 3.0000e-005 | 9.4000e-004 | 0.0000 | 2.8015 | 2.8015 | 2.0000e-004 | 1.5000e-004 | 2.8503 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.1035 | 0.0000 | 0.1035 | 6.1200e-003 | 0.0000 | 0.2565 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0310 | 0.0683 | 0.0994 | 3.2000e-003 | 8.0000e-005 | 0.2021 |
| Total | 7.3500e-003 | 2.7300e-003 | 0.0161 | 3.0000e-005 | 3.4300e-003 | 6.0000e-005 | 3.4900e-003 | 9.2000e-004 | 6.0000e-005 | 9.7000e-004 | 0.1345 | 4.2142 | 4.3487 | 9.6700e-003 | 2.6000e-004 | 4.6647 |

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

2.2 Overall Operational

Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 5.4600e-003 | 0.0000 | 2.0000e-005 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 4.0000e-005 | 4.0000e-005 | 0.0000 | 0.0000 | 4.0000e-005 |
| Energy | 5.0000e-005 | 4.4000e-004 | 3.7000e-004 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 1.3443 | 1.3443 | 1.5000e-004 | 3.0000e-005 | 1.3557 |
| Mobile | 1.8400e-003 | 2.2900e-003 | 0.0157 | 3.0000e-005 | 3.4300e-003 | 3.0000e-005 | 3.4600e-003 | 9.2000e-004 | 3.0000e-005 | 9.4000e-004 | 0.0000 | 2.8015 | 2.8015 | 2.0000e-004 | 1.5000e-004 | 2.8503 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.1035 | 0.0000 | 0.1035 | 6.1200e-003 | 0.0000 | 0.2565 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0310 | 0.0683 | 0.0994 | 3.2000e-003 | 8.0000e-005 | 0.2021 |
| Total | 7.3500e-003 | 2.7300e-003 | 0.0161 | 3.0000e-005 | 3.4300e-003 | 6.0000e-005 | 3.4900e-003 | 9.2000e-004 | 6.0000e-005 | 9.7000e-004 | 0.1345 | 4.2142 | 4.3487 | 9.6700e-003 | 2.6000e-004 | 4.6647 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|-------------|-------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Percent Reduction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.0 Construction Detail

Construction Phase

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|------------------|------------------|------------|-----------|---------------|----------|-------------------|
| 1 | Demolition | Demolition | 1/18/2022 | 1/17/2022 | 5 | 0 | |
| 2 | Site Preparation | Site Preparation | 2/1/2022 | 1/31/2022 | 5 | 0 | |
| 3 | Grading | Grading | 2/2/2022 | 2/1/2022 | 5 | 0 | |

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

| | | | | | | |
|---|-----------------------|-----------------------|-----------|-----------|---|---|
| 4 | Building Construction | Building Construction | 2/4/2022 | 2/3/2022 | 5 | 0 |
| 5 | Paving | Paving | 6/24/2022 | 6/23/2022 | 5 | 0 |
| 6 | Architectural Coating | Architectural Coating | 7/1/2022 | 6/30/2022 | 5 | 0 |

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |
| Paving | Cement and Mortar Mixers | 4 | 6.00 | 9 | 0.56 |
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Building Construction | Cranes | 1 | 4.00 | 231 | 0.29 |
| Building Construction | Forklifts | 2 | 6.00 | 89 | 0.20 |
| Grading | Graders | 1 | 6.00 | 187 | 0.41 |
| Site Preparation | Graders | 1 | 8.00 | 187 | 0.41 |
| Paving | Pavers | 1 | 7.00 | 130 | 0.42 |
| Paving | Rollers | 1 | 7.00 | 80 | 0.38 |
| Demolition | Rubber Tired Dozers | 1 | 1.00 | 247 | 0.40 |
| Grading | Rubber Tired Dozers | 1 | 6.00 | 247 | 0.40 |
| Building Construction | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Demolition | Tractors/Loaders/Backhoes | 2 | 6.00 | 97 | 0.37 |
| Grading | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
| Paving | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
| Site Preparation | Tractors/Loaders/Backhoes | 1 | 8.00 | 97 | 0.37 |

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

| 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 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 2 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 3 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 5 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 7 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.2 Demolition - 2022

[illegible]

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

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

[illegible]

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

[illegible]

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

Mitigated Construction Off-Site

Unmitigated Construction On-Site

[illegible]

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

Unmitigated Construction Off-Site

[illegible]

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

Mitigated Construction Off-Site

Unmitigated Construction On-Site

[illegible]

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

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

Unmitigated Construction On-Site

[illegible]

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

Unmitigated Construction Off-Site

[illegible]

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

Mitigated Construction Off-Site

[illegible]

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

[illegible]

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.7 Architectural Coating - 2022****Mitigated Construction Off-Site**

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

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

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

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|-------------|-------------|--------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|--------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 1.8400e-003 | 2.2900e-003 | 0.0157 | 3.0000e-005 | 3.4300e-003 | 3.0000e-005 | 3.4600e-003 | 9.2000e-004 | 3.0000e-005 | 9.4000e-004 | 0.0000 | 2.8015 | 2.8015 | 2.0000e-004 | 1.5000e-004 | 2.8503 |
| Unmitigated | 1.8400e-003 | 2.2900e-003 | 0.0157 | 3.0000e-005 | 3.4300e-003 | 3.0000e-005 | 3.4600e-003 | 9.2000e-004 | 3.0000e-005 | 9.4000e-004 | 0.0000 | 2.8015 | 2.8015 | 2.0000e-004 | 1.5000e-004 | 2.8503 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-------------------------|-------------------------|----------|--------|-------------|------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| General Office Building | 5.34 | 1.21 | 0.38 | 9,191 | 9,191 |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| Total | 5.34 | 1.21 | 0.38 | 9,191 | 9,191 |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| General Office Building | 13.00 | 5.00 | 5.00 | 33.00 | 48.00 | 19.00 | 77 | 19 | 4 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| General Office Building | 0.502926 | 0.057913 | 0.201381 | 0.142041 | 0.033535 | 0.008550 | 0.008361 | 0.005979 | 0.000919 | 0.000356 | 0.031380 | 0.000886 | 0.005774 |
| User Defined Industrial | 0.502926 | 0.057913 | 0.201381 | 0.142041 | 0.033535 | 0.008550 | 0.008361 | 0.005979 | 0.000919 | 0.000356 | 0.031380 | 0.000886 | 0.005774 |

5.0 Energy Detail

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

Historical Energy Use: N

5.1 Mitigation Measures Energy

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|-------------|-------------|-------------|--------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|--------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Electricity Mitigated | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.8706 | 0.8706 | 1.4000e-004 | 2.0000e-005 | 0.8792 |
| Electricity Unmitigated | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.8706 | 0.8706 | 1.4000e-004 | 2.0000e-005 | 0.8792 |
| NaturalGas Mitigated | 5.0000e-005 | 4.4000e-004 | 3.7000e-004 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.4737 | 0.4737 | 1.0000e-005 | 1.0000e-005 | 0.4766 |
| NaturalGas Unmitigated | 5.0000e-005 | 4.4000e-004 | 3.7000e-004 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.4737 | 0.4737 | 1.0000e-005 | 1.0000e-005 | 0.4766 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.2 Energy by Land Use - NaturalGas****Unmitigated**

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|----------------|--------------------|--------------------|--------------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| General Office Building | 8877.6 | 5.0000e-005 | 4.4000e-004 | 3.7000e-004 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.4737 | 0.4737 | 1.0000e-005 | 1.0000e-005 | 0.4766 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 5.0000e-005 | 4.4000e-004 | 3.7000e-004 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.4737 | 0.4737 | 1.0000e-005 | 1.0000e-005 | 0.4766 |

Mitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|----------------|--------------------|--------------------|--------------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| General Office Building | 8877.6 | 5.0000e-005 | 4.4000e-004 | 3.7000e-004 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.4737 | 0.4737 | 1.0000e-005 | 1.0000e-005 | 0.4766 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 5.0000e-005 | 4.4000e-004 | 3.7000e-004 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.4737 | 0.4737 | 1.0000e-005 | 1.0000e-005 | 0.4766 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.3 Energy by Land Use - Electricity****Unmitigated**

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|-----------------|---------------|--------------------|--------------------|---------------|
| Land Use | kWh/yr | MT/yr | | | |
| General Office Building | 9409.16 | 0.8706 | 1.4000e-004 | 2.0000e-005 | 0.8792 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 0.8706 | 1.4000e-004 | 2.0000e-005 | 0.8792 |

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|-----------------|---------------|--------------------|--------------------|---------------|
| Land Use | kWh/yr | MT/yr | | | |
| General Office Building | 9409.16 | 0.8706 | 1.4000e-004 | 2.0000e-005 | 0.8792 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 0.8706 | 1.4000e-004 | 2.0000e-005 | 0.8792 |

6.0 Area Detail

LOSSAN CCLF No Build - San Luis Obispo County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.1 Mitigation Measures Area**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|-------------|--------|-------------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 5.4600e-003 | 0.0000 | 2.0000e-005 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 4.0000e-005 | 4.0000e-005 | 0.0000 | 0.0000 | 4.0000e-005 |
| Unmitigated | 5.4600e-003 | 0.0000 | 2.0000e-005 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 4.0000e-005 | 4.0000e-005 | 0.0000 | 0.0000 | 4.0000e-005 |

6.2 Area by SubCategory**Unmitigated**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 1.2500e-003 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 4.2100e-003 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Landscaping | 0.0000 | 0.0000 | 2.0000e-005 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 4.0000e-005 | 4.0000e-005 | 0.0000 | 0.0000 | 4.0000e-005 |
| Total | 5.4600e-003 | 0.0000 | 2.0000e-005 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 4.0000e-005 | 4.0000e-005 | 0.0000 | 0.0000 | 4.0000e-005 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****Mitigated**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 1.2500e-003 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 4.2100e-003 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Landscaping | 0.0000 | 0.0000 | 2.0000e-005 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 4.0000e-005 | 4.0000e-005 | 0.0000 | 0.0000 | 4.0000e-005 |
| Total | 5.4600e-003 | 0.0000 | 2.0000e-005 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 4.0000e-005 | 4.0000e-005 | 0.0000 | 0.0000 | 4.0000e-005 |

7.0 Water Detail**7.1 Mitigation Measures Water**

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

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|-------------|-------------|--------|
| Category | MT/yr | | | |
| Mitigated | 0.0994 | 3.2000e-003 | 8.0000e-005 | 0.2021 |
| Unmitigated | 0.0994 | 3.2000e-003 | 8.0000e-005 | 0.2021 |

7.2 Water by Land Use**Unmitigated**

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|-----------------------|---------------|--------------------|--------------------|---------------|
| Land Use | Mgal | MT/yr | | | |
| General Office Building | 0.0977536 / 0.0599135 | 0.0994 | 3.2000e-003 | 8.0000e-005 | 0.2021 |
| User Defined Industrial | 0 / 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 0.0994 | 3.2000e-003 | 8.0000e-005 | 0.2021 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**7.2 Water by Land Use****Mitigated**

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|-----------------------|---------------|--------------------|--------------------|---------------|
| Land Use | Mgal | MT/yr | | | |
| General Office Building | 0.0977536 / 0.0599135 | 0.0994 | 3.2000e-003 | 8.0000e-005 | 0.2021 |
| User Defined Industrial | 0 / 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 0.0994 | 3.2000e-003 | 8.0000e-005 | 0.2021 |

8.0 Waste Detail**8.1 Mitigation Measures Waste****Category/Year**

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|-------------|--------|--------|
| | MT/yr | | | |
| Mitigated | 0.1035 | 6.1200e-003 | 0.0000 | 0.2565 |
| Unmitigated | 0.1035 | 6.1200e-003 | 0.0000 | 0.2565 |

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**8.2 Waste by Land Use****Unmitigated**

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|----------------|---------------|--------------------|---------------|---------------|
| Land Use | tons | MT/yr | | | |
| General Office Building | 0.51 | 0.1035 | 6.1200e-003 | 0.0000 | 0.2565 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 0.1035 | 6.1200e-003 | 0.0000 | 0.2565 |

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|----------------|---------------|--------------------|---------------|---------------|
| Land Use | tons | MT/yr | | | |
| General Office Building | 0.51 | 0.1035 | 6.1200e-003 | 0.0000 | 0.2565 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 0.1035 | 6.1200e-003 | 0.0000 | 0.2565 |

9.0 Operational Offroad

LOSSAN CCLF No Build - San Luis Obispo County, Annual

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

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

LOSSAN CCLF No Build - San Luis Obispo County, Summer

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

LOSSAN CCLF No Build

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-------------------------|------|-------------------|-------------|--------------------|------------|
| General Office Building | 0.55 | 1000sqft | 0.01 | 548.00 | 0 |
| User Defined Industrial | 0.53 | User Defined Unit | 0.01 | 530.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|-------------------------|----------------------------------|-------------------------|-------|---------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.2 | Precipitation Freq (Days) | 44 |
| Climate Zone | 4 | | | Operational Year | 2027 |
| Utility Company | Pacific Gas and Electric Company | | | | |
| CO2 Intensity (lb/MWhr) | 203.98 | CH4 Intensity (lb/MWhr) | 0.033 | N2O Intensity (lb/MWhr) | 0.004 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 548 sf office; 530 sf storage shed space

Construction Phase - No Build Condition, no construction activity

Grading - No construction activity

Trips and VMT - No construction activity

Architectural Coating - No construction activity

| Table Name | Column Name | Default Value | New Value |
|-------------------------|-----------------------------------|---------------|-----------|
| tblArchitecturalCoating | ConstArea_Nonresidential_Exterior | 539.00 | 0.00 |
| tblArchitecturalCoating | ConstArea_Nonresidential_Interior | 1,617.00 | 0.00 |
| tblConstructionPhase | NumDays | 5.00 | 0.00 |

LOSSAN CCLF No Build - San Luis Obispo County, Summer

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

| | | | |
|----------------------|-------------------|-----------|-----------|
| tblConstructionPhase | NumDays | 100.00 | 0.00 |
| tblConstructionPhase | NumDays | 10.00 | 0.00 |
| tblConstructionPhase | NumDays | 2.00 | 0.00 |
| tblConstructionPhase | NumDays | 5.00 | 0.00 |
| tblConstructionPhase | NumDays | 1.00 | 0.00 |
| tblConstructionPhase | PhaseEndDate | 7/7/2022 | 6/30/2022 |
| tblConstructionPhase | PhaseEndDate | 6/23/2022 | 2/3/2022 |
| tblConstructionPhase | PhaseEndDate | 1/31/2022 | 1/17/2022 |
| tblConstructionPhase | PhaseEndDate | 2/3/2022 | 2/1/2022 |
| tblConstructionPhase | PhaseEndDate | 6/30/2022 | 6/23/2022 |
| tblConstructionPhase | PhaseEndDate | 2/1/2022 | 1/31/2022 |
| tblLandUse | LandUseSquareFeet | 0.00 | 530.00 |
| tblLandUse | LotAcreage | 0.00 | 0.01 |
| tblTripsAndVMT | WorkerTripNumber | 10.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 5.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 8.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 18.00 | 0.00 |

2.0 Emissions Summary

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

Unmitigated Construction

Mitigated Construction

[illegible]

LOSSAN CCLF No Build - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.2 Overall Operational****Unmitigated Operational**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------------|----------------|--------------------|--------------------|----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 0.0299 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |
| Energy | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |
| Mobile | 0.0140 | 0.0156 | 0.1099 | 2.3000e-004 | 0.0256 | 2.0000e-004 | 0.0258 | 6.8200e-003 | 1.9000e-004 | 7.0100e-003 | | 23.0227 | 23.0227 | 1.4800e-003 | 1.1300e-003 | 23.3968 |
| Total | 0.0442 | 0.0180 | 0.1120 | 2.4000e-004 | 0.0256 | 3.8000e-004 | 0.0260 | 6.8200e-003 | 3.7000e-004 | 7.1900e-003 | | 25.8844 | 25.8844 | 1.5300e-003 | 1.1800e-003 | 26.2755 |

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 | 0.0299 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |
| Energy | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |
| Mobile | 0.0140 | 0.0156 | 0.1099 | 2.3000e-004 | 0.0256 | 2.0000e-004 | 0.0258 | 6.8200e-003 | 1.9000e-004 | 7.0100e-003 | | 23.0227 | 23.0227 | 1.4800e-003 | 1.1300e-003 | 23.3968 |
| Total | 0.0442 | 0.0180 | 0.1120 | 2.4000e-004 | 0.0256 | 3.8000e-004 | 0.0260 | 6.8200e-003 | 3.7000e-004 | 7.1900e-003 | | 25.8844 | 25.8844 | 1.5300e-003 | 1.1800e-003 | 26.2755 |

LOSSAN CCLF No Build - San Luis Obispo County, Summer

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

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| 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 | 1/18/2022 | 1/17/2022 | 5 | 0 | |
| 2 | Site Preparation | Site Preparation | 2/1/2022 | 1/31/2022 | 5 | 0 | |
| 3 | Grading | Grading | 2/2/2022 | 2/1/2022 | 5 | 0 | |
| 4 | Building Construction | Building Construction | 2/4/2022 | 2/3/2022 | 5 | 0 | |
| 5 | Paving | Paving | 6/24/2022 | 6/23/2022 | 5 | 0 | |
| 6 | Architectural Coating | Architectural Coating | 7/1/2022 | 6/30/2022 | 5 | 0 | |

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|--------------------------|--------|-------------|-------------|-------------|
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |
| Paving | Cement and Mortar Mixers | 4 | 6.00 | 9 | 0.56 |
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Building Construction | Cranes | 1 | 4.00 | 231 | 0.29 |
| Building Construction | Forklifts | 2 | 6.00 | 89 | 0.20 |

LOSSAN CCLF No Build - San Luis Obispo County, Summer

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

| | | | | | |
|-----------------------|---------------------------|---|------|-----|------|
| Grading | Graders | 1 | 6.00 | 187 | 0.41 |
| Site Preparation | Graders | 1 | 8.00 | 187 | 0.41 |
| Paving | Pavers | 1 | 7.00 | 130 | 0.42 |
| Paving | Rollers | 1 | 7.00 | 80 | 0.38 |
| Demolition | Rubber Tired Dozers | 1 | 1.00 | 247 | 0.40 |
| Grading | Rubber Tired Dozers | 1 | 6.00 | 247 | 0.40 |
| Building Construction | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Demolition | Tractors/Loaders/Backhoes | 2 | 6.00 | 97 | 0.37 |
| Grading | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
| Paving | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
| Site Preparation | Tractors/Loaders/Backhoes | 1 | 8.00 | 97 | 0.37 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 4 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 2 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 3 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 5 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 7 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

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

Unmitigated Construction On-Site

[illegible]

Unmitigated Construction Off-Site

[illegible]

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

Mitigated Construction On-Site

[illegible]

Mitigated Construction Off-Site

[illegible]

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

Unmitigated Construction On-Site

[illegible]

LOSSAN CCLF No Build - San Luis Obispo County, Summer

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

3.3 Site Preparation - 2022

Mitigated Construction On-Site

[illegible]

Mitigated Construction Off-Site

[illegible]

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

Unmitigated Construction On-Site

[illegible]

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

Mitigated Construction On-Site

[illegible]

Mitigated Construction Off-Site

[illegible]

Unmitigated Construction On-Site

Unmitigated Construction Off-Site

[illegible]

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

Mitigated Construction On-Site

[illegible]

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

Unmitigated Construction On-Site

[illegible]

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

Mitigated Construction On-Site

[illegible]

Mitigated Construction Off-Site

[illegible]

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

Unmitigated Construction On-Site

[illegible]

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

Mitigated Construction On-Site

Mitigated Construction Off-Site

[illegible]

LOSSAN CCLF No Build - San Luis Obispo County, Summer

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|---------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 0.0140 | 0.0156 | 0.1099 | 2.3000e-004 | 0.0256 | 2.0000e-004 | 0.0258 | 6.8200e-003 | 1.9000e-004 | 7.0100e-003 | | 23.0227 | 23.0227 | 1.4800e-003 | 1.1300e-003 | 23.3968 |
| Unmitigated | 0.0140 | 0.0156 | 0.1099 | 2.3000e-004 | 0.0256 | 2.0000e-004 | 0.0258 | 6.8200e-003 | 1.9000e-004 | 7.0100e-003 | | 23.0227 | 23.0227 | 1.4800e-003 | 1.1300e-003 | 23.3968 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-------------------------|-------------------------|----------|--------|-------------|------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| General Office Building | 5.34 | 1.21 | 0.38 | 9,191 | 9,191 |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| Total | 5.34 | 1.21 | 0.38 | 9,191 | 9,191 |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| General Office Building | 13.00 | 5.00 | 5.00 | 33.00 | 48.00 | 19.00 | 77 | 19 | 4 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |

4.4 Fleet Mix

LOSSAN CCLF No Build - San Luis Obispo County, Summer

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

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| General Office Building | 0.502926 | 0.057913 | 0.201381 | 0.142041 | 0.033535 | 0.008550 | 0.008361 | 0.005979 | 0.000919 | 0.000356 | 0.031380 | 0.000886 | 0.005774 |
| User Defined Industrial | 0.502926 | 0.057913 | 0.201381 | 0.142041 | 0.033535 | 0.008550 | 0.008361 | 0.005979 | 0.000919 | 0.000356 | 0.031380 | 0.000886 | 0.005774 |

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 | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |
| NaturalGas Unmitigated | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |

LOSSAN CCLF No Build - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.2 Energy by Land Use - NaturalGas****Unmitigated**

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|----------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------------|---------------|--------------------|--------------------|---------------|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| General Office Building | 24.3222 | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |

Mitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|----------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------------|---------------|--------------------|--------------------|---------------|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| General Office Building | 0.0243222 | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |

6.0 Area Detail

LOSSAN CCLF No Build - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.1 Mitigation Measures Area**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|--------|--------|-------------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|-----|-------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 0.0299 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |
| Unmitigated | 0.0299 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |

6.2 Area by SubCategory**Unmitigated**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|---------------|---------------|--------------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|--------------------|--------------------|---------------|-----|--------------------|
| SubCategory | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 6.8400e-003 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 0.0231 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 1.0000e-005 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |
| Total | 0.0299 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |

LOSSAN CCLF No Build - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****Mitigated**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|---------------|---------------|--------------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|--------------------|--------------------|---------------|-----|--------------------|
| SubCategory | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 6.8400e-003 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 0.0231 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 1.0000e-005 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |
| Total | 0.0299 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |

7.0 Water Detail**7.1 Mitigation Measures Water**

LOSSAN CCLF No Build - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**8.0 Waste Detail**

8.1 Mitigation Measures Waste**9.0 Operational Offroad**

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

LOSSAN CCLF No Build - San Luis Obispo County, Winter

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

LOSSAN CCLF No Build

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-------------------------|------|-------------------|-------------|--------------------|------------|
| General Office Building | 0.55 | 1000sqft | 0.01 | 548.00 | 0 |
| User Defined Industrial | 0.53 | User Defined Unit | 0.01 | 530.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|-------------------------|----------------------------------|-------------------------|-------|---------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.2 | Precipitation Freq (Days) | 44 |
| Climate Zone | 4 | | | Operational Year | 2027 |
| Utility Company | Pacific Gas and Electric Company | | | | |
| CO2 Intensity (lb/MWhr) | 203.98 | CH4 Intensity (lb/MWhr) | 0.033 | N2O Intensity (lb/MWhr) | 0.004 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 548 sf office; 530 sf storage shed space

Construction Phase - No Build Condition, no construction activity

Grading - No construction activity

Trips and VMT - No construction activity

Architectural Coating - No construction activity

| Table Name | Column Name | Default Value | New Value |
|-------------------------|-----------------------------------|---------------|-----------|
| tblArchitecturalCoating | ConstArea_Nonresidential_Exterior | 539.00 | 0.00 |
| tblArchitecturalCoating | ConstArea_Nonresidential_Interior | 1,617.00 | 0.00 |
| tblConstructionPhase | NumDays | 5.00 | 0.00 |

LOSSAN CCLF No Build - San Luis Obispo County, Winter

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

| | | | |
|----------------------|-------------------|-----------|-----------|
| tblConstructionPhase | NumDays | 100.00 | 0.00 |
| tblConstructionPhase | NumDays | 10.00 | 0.00 |
| tblConstructionPhase | NumDays | 2.00 | 0.00 |
| tblConstructionPhase | NumDays | 5.00 | 0.00 |
| tblConstructionPhase | NumDays | 1.00 | 0.00 |
| tblConstructionPhase | PhaseEndDate | 7/7/2022 | 6/30/2022 |
| tblConstructionPhase | PhaseEndDate | 6/23/2022 | 2/3/2022 |
| tblConstructionPhase | PhaseEndDate | 1/31/2022 | 1/17/2022 |
| tblConstructionPhase | PhaseEndDate | 2/3/2022 | 2/1/2022 |
| tblConstructionPhase | PhaseEndDate | 6/30/2022 | 6/23/2022 |
| tblConstructionPhase | PhaseEndDate | 2/1/2022 | 1/31/2022 |
| tblLandUse | LandUseSquareFeet | 0.00 | 530.00 |
| tblLandUse | LotAcreage | 0.00 | 0.01 |
| tblTripsAndVMT | WorkerTripNumber | 10.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 5.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 8.00 | 0.00 |
| tblTripsAndVMT | WorkerTripNumber | 18.00 | 0.00 |

2.0 Emissions Summary

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

Unmitigated Construction

Mitigated Construction

[illegible]

LOSSAN CCLF No Build - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.2 Overall Operational****Unmitigated Operational**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------------|----------------|--------------------|--------------------|----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 0.0299 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |
| Energy | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |
| Mobile | 0.0136 | 0.0168 | 0.1175 | 2.2000e-004 | 0.0256 | 2.0000e-004 | 0.0258 | 6.8200e-003 | 1.9000e-004 | 7.0100e-003 | | 22.3319 | 22.3319 | 1.6100e-003 | 1.1900e-003 | 22.7282 |
| Total | 0.0438 | 0.0192 | 0.1196 | 2.3000e-004 | 0.0256 | 3.8000e-004 | 0.0260 | 6.8200e-003 | 3.7000e-004 | 7.1900e-003 | | 25.1936 | 25.1936 | 1.6600e-003 | 1.2400e-003 | 25.6069 |

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 | 0.0299 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |
| Energy | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |
| Mobile | 0.0136 | 0.0168 | 0.1175 | 2.2000e-004 | 0.0256 | 2.0000e-004 | 0.0258 | 6.8200e-003 | 1.9000e-004 | 7.0100e-003 | | 22.3319 | 22.3319 | 1.6100e-003 | 1.1900e-003 | 22.7282 |
| Total | 0.0438 | 0.0192 | 0.1196 | 2.3000e-004 | 0.0256 | 3.8000e-004 | 0.0260 | 6.8200e-003 | 3.7000e-004 | 7.1900e-003 | | 25.1936 | 25.1936 | 1.6600e-003 | 1.2400e-003 | 25.6069 |

LOSSAN CCLF No Build - San Luis Obispo County, Winter

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

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| 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 | 1/18/2022 | 1/17/2022 | 5 | 0 | |
| 2 | Site Preparation | Site Preparation | 2/1/2022 | 1/31/2022 | 5 | 0 | |
| 3 | Grading | Grading | 2/2/2022 | 2/1/2022 | 5 | 0 | |
| 4 | Building Construction | Building Construction | 2/4/2022 | 2/3/2022 | 5 | 0 | |
| 5 | Paving | Paving | 6/24/2022 | 6/23/2022 | 5 | 0 | |
| 6 | Architectural Coating | Architectural Coating | 7/1/2022 | 6/30/2022 | 5 | 0 | |

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|--------------------------|--------|-------------|-------------|-------------|
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |
| Paving | Cement and Mortar Mixers | 4 | 6.00 | 9 | 0.56 |
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Building Construction | Cranes | 1 | 4.00 | 231 | 0.29 |
| Building Construction | Forklifts | 2 | 6.00 | 89 | 0.20 |

LOSSAN CCLF No Build - San Luis Obispo County, Winter

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

| | | | | | |
|-----------------------|---------------------------|---|------|-----|------|
| Grading | Graders | 1 | 6.00 | 187 | 0.41 |
| Site Preparation | Graders | 1 | 8.00 | 187 | 0.41 |
| Paving | Pavers | 1 | 7.00 | 130 | 0.42 |
| Paving | Rollers | 1 | 7.00 | 80 | 0.38 |
| Demolition | Rubber Tired Dozers | 1 | 1.00 | 247 | 0.40 |
| Grading | Rubber Tired Dozers | 1 | 6.00 | 247 | 0.40 |
| Building Construction | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Demolition | Tractors/Loaders/Backhoes | 2 | 6.00 | 97 | 0.37 |
| Grading | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
| Paving | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
| Site Preparation | Tractors/Loaders/Backhoes | 1 | 8.00 | 97 | 0.37 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 4 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 2 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 3 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 5 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 7 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 0.00 | 0.00 | 0.00 | 13.00 | 5.00 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

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

Unmitigated Construction On-Site

[illegible]

Unmitigated Construction Off-Site

[illegible]

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

Mitigated Construction On-Site

[illegible]

Mitigated Construction Off-Site

[illegible]

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

Unmitigated Construction On-Site

[illegible]

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

Mitigated Construction On-Site

[illegible]

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

Unmitigated Construction On-Site

[illegible]

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

Mitigated Construction On-Site

Mitigated Construction Off-Site

[illegible]

[illegible]

[illegible]

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

Unmitigated Construction On-Site

[illegible]

Unmitigated Construction Off-Site

[illegible]

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

Mitigated Construction On-Site

[illegible]

Mitigated Construction Off-Site

[illegible]

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

Unmitigated Construction On-Site

[illegible]

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

Mitigated Construction On-Site

[illegible]

LOSSAN CCLF No Build - San Luis Obispo County, Winter

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|---------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 0.0136 | 0.0168 | 0.1175 | 2.2000e-004 | 0.0256 | 2.0000e-004 | 0.0258 | 6.8200e-003 | 1.9000e-004 | 7.0100e-003 | | 22.3319 | 22.3319 | 1.6100e-003 | 1.1900e-003 | 22.7282 |
| Unmitigated | 0.0136 | 0.0168 | 0.1175 | 2.2000e-004 | 0.0256 | 2.0000e-004 | 0.0258 | 6.8200e-003 | 1.9000e-004 | 7.0100e-003 | | 22.3319 | 22.3319 | 1.6100e-003 | 1.1900e-003 | 22.7282 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-------------------------|-------------------------|----------|--------|-------------|------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| General Office Building | 5.34 | 1.21 | 0.38 | 9,191 | 9,191 |
| User Defined Industrial | 0.00 | 0.00 | 0.00 | | |
| Total | 5.34 | 1.21 | 0.38 | 9,191 | 9,191 |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| General Office Building | 13.00 | 5.00 | 5.00 | 33.00 | 48.00 | 19.00 | 77 | 19 | 4 |
| User Defined Industrial | 13.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |

4.4 Fleet Mix

LOSSAN CCLF No Build - San Luis Obispo County, Winter

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

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| General Office Building | 0.502926 | 0.057913 | 0.201381 | 0.142041 | 0.033535 | 0.008550 | 0.008361 | 0.005979 | 0.000919 | 0.000356 | 0.031380 | 0.000886 | 0.005774 |
| User Defined Industrial | 0.502926 | 0.057913 | 0.201381 | 0.142041 | 0.033535 | 0.008550 | 0.008361 | 0.005979 | 0.000919 | 0.000356 | 0.031380 | 0.000886 | 0.005774 |

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 | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |
| NaturalGas Unmitigated | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |

LOSSAN CCLF No Build - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.2 Energy by Land Use - NaturalGas****Unmitigated**

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|----------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------------|---------------|--------------------|--------------------|---------------|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| General Office Building | 24.3222 | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |

Mitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|----------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------------|---------------|--------------------|--------------------|---------------|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
| General Office Building | 0.0243222 | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |
| User Defined Industrial | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 2.6000e-004 | 2.3800e-003 | 2.0000e-003 | 1.0000e-005 | | 1.8000e-004 | 1.8000e-004 | | 1.8000e-004 | 1.8000e-004 | | 2.8614 | 2.8614 | 5.0000e-005 | 5.0000e-005 | 2.8784 |

6.0 Area Detail

LOSSAN CCLF No Build - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.1 Mitigation Measures Area**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|--------|--------|-------------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|-----|-------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 0.0299 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |
| Unmitigated | 0.0299 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |

6.2 Area by SubCategory**Unmitigated**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|---------------|---------------|--------------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|--------------------|--------------------|---------------|-----|--------------------|
| SubCategory | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 6.8400e-003 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 0.0231 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 1.0000e-005 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |
| Total | 0.0299 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |

LOSSAN CCLF No Build - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****Mitigated**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|---------------|---------------|--------------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|--------------------|--------------------|---------------|-----|--------------------|
| SubCategory | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 6.8400e-003 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 0.0231 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 1.0000e-005 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |
| Total | 0.0299 | 0.0000 | 1.1000e-004 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 2.4000e-004 | 2.4000e-004 | 0.0000 | | 2.5000e-004 |

7.0 Water Detail**7.1 Mitigation Measures Water**

LOSSAN CCLF No Build - San Luis Obispo County, Winter

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

Emissions Results Summary

Tier-4 Locomotive Emissions Factors

| Method | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ |
|----------|------|------|-----------------|-----------------|------------------|-------------------|-----------------|
| g/bhp-hr | 1.28 | 0.04 | 1.00 | | 0.015 | | |
| g/gallon | | | | 0.09 | | | 10217.28 |

Locomotive Emissions Factors (g/gal)

| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ |
|------|-------|------|-----------------|-----------------|------------------|-------------------|-----------------|
| All | 26.62 | 0.88 | 20.80 | 0.09 | 0.31 | 0.30 | 10217.28 |

Source:

Derived from *Emissions Factors for Locomotives* (April 2009), USEPA
Available: <https://nepis.epa.gov/Exe/ZyPDF.cgi/P100500B.PDF?Dockey=P100500B.PDF>

Idle Fuel Use Estimates

| Trains | Trains per Day | Locos per Train | Locos per Day | Start-Up Duration per Loco (hr) | Shut Down Duration per Loco (hr) | Total Idle Time per Loco (hr) | Fuel Consumption per Idle hour (gal/hr) | Daily Total Fuel Use (gal/day) |
|-----------------|----------------|-----------------|---------------|---------------------------------|----------------------------------|-------------------------------|---|--------------------------------|
| Year 2025 | 2 | 1 | 2 | 1.00 | 0.50 | 1.50 | 15.0 | 45.0 |
| Years 2026-2031 | 3 | 1 | 3 | 1.00 | 0.50 | 1.50 | 15.0 | 67.5 |
| Years 2032-2055 | 4 | 1 | 4 | 1.00 | 0.50 | 1.50 | 15.0 | 90.0 |

Source: Train count and idle estimates provided by HDR; idle fuel rate from Link Union Station EIR.

| |
|--|
| Daily Idling Emissions (lb/day) = Daily Fuel Consumption (gal/day) x Emission Factor (g/gal) x Conversion Factor (1lb/453.592g) |
| Spur/Wash/Track Daily Emisions (lb/day) = Locos/day x Travel Time (hr)/Loco x Emission Factor (g/gal) x Fuel Consumption Rate (gal/hr) x Conversion Factor (1lb/453.592g) |

| Locomotive Idling | Daily Emissions (lb/day) | | | | | | | Metric tons/year | Renewable Diesel Tailpipe Reduction |
|-------------------|--------------------------|------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|-------------------------------------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ | |
| 2025 | 2.64 | 0.09 | 2.06 | 0.01 | 0.03 | 0.03 | 1013.64 | 167.82 | |
| 2026-2031 | 3.96 | 0.13 | 3.10 | 0.01 | 0.05 | 0.05 | 1520.46 | 251.73 | |
| 2032-2055 | 5.28 | 0.17 | 4.13 | 0.02 | 0.06 | 0.06 | 2027.27 | 335.64 | |

| Locomotive Spur Movement | Daily Emissions (lb/day) | | | | | | | Metric tons/year | | |
|--------------------------|--------------------------|-------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|---|--------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ | Fuel Consumption Rate (gal/hr) @ 5 mph: | 20 |
| 2025 | 0.088 | 0.003 | 0.069 | 0.000 | 0.001 | 0.001 | 33.70 | 5.58 | Distance (miles): | 0.187 |
| 2026-2031 | 0.132 | 0.004 | 0.103 | 0.000 | 0.002 | 0.001 | 50.55 | 8.37 | Speed (mph): | 5 |
| 2032-2055 | 0.176 | 0.006 | 0.137 | 0.001 | 0.002 | 0.002 | 67.40 | 11.16 | Travel time per loco (hours loco): | 0.0374 |
| Notes: | | | | | | | | | Travel time per loco (min loco): | 2.244 |

Assumes 20 gallons per hour traveling at 5 mph.

| Locomotive Wash Movement | Daily Emissions (lb/day) | | | | | | | Metric tons/year | | |
|--------------------------|--------------------------|------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|---|-------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ | Fuel Consumption Rate (gal/hr) @ 3 mph: | 20 |
| 2025 | 0.46 | 0.02 | 0.36 | 0.002 | 0.005 | 0.005 | 178.40 | 29.54 | Distance (miles): | 0.594 |
| 2026-2031 | 0.70 | 0.02 | 0.54 | 0.002 | 0.008 | 0.008 | 267.60 | 44.30 | Speed (mph): | 3 |
| 2032-2055 | 0.93 | 0.03 | 0.73 | 0.003 | 0.011 | 0.011 | 356.80 | 59.07 | Travel time per loco (hours loco): | 0.198 |
| Notes: | | | | | | | | | Travel time per loco (min loco): | 11.88 |

Assumes 20 gallons per hour traveling at 3 mph.

| Locomotive Track Movement | Daily Emissions (lb/day) | | | | | | | Metric tons/year | | |
|---------------------------|--------------------------|------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|---|-------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ | Fuel Consumption Rate (gal/hr) @ 3 mph: | 20 |
| 2025 | 0.11 | 0.00 | 0.09 | 0.000 | 0.001 | 0.001 | 42.95 | 7.11 | Distance (miles): | 0.143 |
| 2026-2031 | 0.17 | 0.01 | 0.13 | 0.001 | 0.002 | 0.002 | 64.42 | 10.67 | Speed (mph): | 3 |
| 2032-2055 | 0.22 | 0.01 | 0.17 | 0.001 | 0.003 | 0.003 | 85.90 | 14.22 | Travel time per loco (hours loco): | 0.048 |
| Notes: | | | | | | | | | Travel time per loco (min loco): | 2.86 |

Assumes 20 gallons per hour traveling at 3 mph.

| | |
|---|--------|
| Total Full Buildout GHG Emissions (MT/yr) | 420.09 |
|---|--------|

DPM Emissions in Pounds per Day

| Residential | Years | Idle ¹ | Spur | Wash | Track ² |
|---------------|---------|-------------------|-------|-------|--------------------|
| 3rd Trimester | 2025 | 0.031 | 0.001 | 0.005 | 0.001 |
| 0<2 | 2025-26 | 0.039 | 0.001 | 0.007 | 0.002 |
| 2<16 | 2027-40 | 0.056 | 0.002 | 0.010 | 0.002 |
| 16<30 | 2041-55 | 0.062 | 0.002 | 0.011 | 0.003 |

| Emission Rates for AERMOD | | Emission Rate (g/s) | | | | | | | | | |
|---------------------------|---------|---------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Age Bin | Years | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 3rd Trimester | 2025 | 1.08E-04 | 1.08E-04 | 1.08E-04 | 1.08E-04 | 1.44E-05 | 7.63E-05 | 4.59E-06 | 4.59E-06 | 4.59E-06 | 4.59E-06 |
| 0<2 | 2025-26 | 1.35E-04 | 1.35E-04 | 1.35E-04 | 1.35E-04 | 1.80E-05 | 9.53E-05 | 5.74E-06 | 5.74E-06 | 5.74E-06 | 5.74E-06 |
| 2<16 | 2027-40 | 1.97E-04 | 1.97E-04 | 1.97E-04 | 1.97E-04 | 2.62E-05 | 1.39E-04 | 8.36E-06 | 8.36E-06 | 8.36E-06 | 8.36E-06 |
| 16<30 | 2041-55 | 2.17E-04 | 2.17E-04 | 2.17E-04 | 2.17E-04 | 2.88E-05 | 1.53E-04 | 9.18E-06 | 9.18E-06 | 9.18E-06 | 9.18E-06 |

| | |
|---------------------|---------|
| Activity hours/day: | 9 |
| Seconds per hour: | 3600 |
| grams/pounds: | 453.592 |

SPUR/WASH Emission Rate (grams/sec) = Daily Emissions (lb/day) / Daily Operation Duration (hours/day) / Conversion Factor (1hr/3600 sec) x Conversion Factor (453.592 g / 1 lb)

IDLE/TRACK Emission Rate (grams/sec) = Daily Emissions (lb/day) / Daily Operation Duration (hours/day) / Conversion Factor (1hr/3600 sec) x Conversion Factor (453.592 g / 1 lb) / # of AERMOD Sources

Tier-4 Locomotive Emissions Factors

| Method | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ |
|----------|------|------|-----------------|-----------------|------------------|-------------------|-----------------|
| g/bhp-hr | 1.28 | 0.04 | 1.00 | | 0.015 | | |
| g/gallon | | | | 0.09 | | | 10217.28 |

Locomotive Emissions Factors (g/gal)

| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ |
|------|-------|------|-----------------|-----------------|------------------|-------------------|-----------------|
| All | 26.62 | 0.88 | 20.80 | 0.09 | 0.31 | 0.30 | 10217.28 |

Source:

Derived from *Emissions Factors for Locomotives* (April 2009), USEPA
Available: <https://nepis.epa.gov/Exe/ZyPDF.cgi/P100500B.PDF?Dockey=P100500B.PDF>

Idle Fuel Use Estimates

| Trains | Trains per Day | Locos per Train | Locos per Day | Start-Up Duration per Loco (hr) | Shut Down Duration per Loco (hr) | Total Idle Time per Loco (hr) | Fuel Consumption per Idle hour (gal/hr) | Daily Total Fuel Use (gal/day) |
|-----------------|----------------|-----------------|---------------|---------------------------------|----------------------------------|-------------------------------|---|--------------------------------|
| Year 2025 | 2 | 1 | 2 | 1.00 | 0.50 | 1.50 | 15.0 | 45.0 |
| Years 2026-2031 | 3 | 1 | 3 | 1.00 | 0.50 | 1.50 | 15.0 | 67.5 |
| Years 2032-2055 | 4 | 1 | 4 | 1.00 | 0.50 | 1.50 | 15.0 | 90.0 |

Source: Train count and idle estimates provided by HDR; idle fuel rate from Link Union Station EIR.

| |
|--|
| Daily Idling Emissions (lb/day) = Daily Fuel Consumption (gal/day) x Emission Factor (g/gal) x Conversion Factor (1lb/453.592g) |
| Spur/Wash/Track Daily Emisions (lb/day) = Locos/day x Travel Time (hr)/Loco x Emission Factor (g/gal) x Fuel Consumption Rate (gal/hr) x Conversion Factor (1lb/453.592g) |

| Locomotive Idling | Daily Emissions (lb/day) | | | | | | | Metric tons/year | Renewable Diesel GHG Tailpipe Reduction |
|-------------------|--------------------------|------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|---|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ | |
| 2025 | 2.64 | 0.09 | 2.06 | 0.01 | 0.03 | 0.03 | 1013.64 | 161.05 | |
| 2026-2031 | 3.96 | 0.13 | 3.10 | 0.01 | 0.05 | 0.05 | 1520.46 | 241.58 | |
| 2032-2055 | 5.28 | 0.17 | 4.13 | 0.02 | 0.06 | 0.06 | 2027.27 | 322.11 | |

| Locomotive Spur Movement | Daily Emissions (lb/day) | | | | | | | Metric tons/year | | |
|--------------------------|--------------------------|-------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|---|--------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ | Fuel Consumption Rate (gal/hr) @ 5 mph: | 20 |
| 2025 | 0.088 | 0.003 | 0.069 | 0.000 | 0.001 | 0.001 | 33.70 | 5.35 | Distance (miles): | 0.187 |
| 2026-2031 | 0.132 | 0.004 | 0.103 | 0.000 | 0.002 | 0.001 | 50.55 | 8.03 | Speed (mph): | 5 |
| 2032-2055 | 0.176 | 0.006 | 0.137 | 0.001 | 0.002 | 0.002 | 67.40 | 10.71 | Travel time per loco (hours loco): | 0.0374 |
| Notes: | | | | | | | | | Travel time per loco (min loco): | 2.244 |

Assumes 20 gallons per hour traveling at 5 mph.

| Locomotive Wash Movement | Daily Emissions (lb/day) | | | | | | | Metric tons/year | | |
|--------------------------|--------------------------|------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|---|-------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ | Fuel Consumption Rate (gal/hr) @ 3 mph: | 20 |
| 2025 | 0.46 | 0.02 | 0.36 | 0.002 | 0.005 | 0.005 | 178.40 | 28.35 | Distance (miles): | 0.594 |
| 2026-2031 | 0.70 | 0.02 | 0.54 | 0.002 | 0.008 | 0.008 | 267.60 | 42.52 | Speed (mph): | 3 |
| 2032-2055 | 0.93 | 0.03 | 0.73 | 0.003 | 0.011 | 0.011 | 356.80 | 56.69 | Travel time per loco (hours loco): | 0.198 |
| Notes: | | | | | | | | | Travel time per loco (min loco): | 11.88 |

Assumes 20 gallons per hour traveling at 3 mph.

| Locomotive Track Movement | Daily Emissions (lb/day) | | | | | | | Metric tons/year | | |
|---------------------------|--------------------------|------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|---|-------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ | Fuel Consumption Rate (gal/hr) @ 3 mph: | 20 |
| 2025 | 0.11 | 0.00 | 0.09 | 0.000 | 0.001 | 0.001 | 42.95 | 6.82 | Distance (miles): | 0.143 |
| 2026-2031 | 0.17 | 0.01 | 0.13 | 0.001 | 0.002 | 0.002 | 64.42 | 10.24 | Speed (mph): | 3 |
| 2032-2055 | 0.22 | 0.01 | 0.17 | 0.001 | 0.003 | 0.003 | 85.90 | 13.65 | Travel time per loco (hours loco): | 0.048 |
| Notes: | | | | | | | | | Travel time per loco (min loco): | 2.86 |

Assumes 20 gallons per hour traveling at 3 mph.

| | |
|---|--------|
| Total Full Buildout GHG Emissions (MT/yr) | 403.15 |
|---|--------|

DPM Emissions in Pounds per Day

| Residential | Years | Idle ¹ | Spur | Wash | Track ² |
|---------------|---------|-------------------|-------|-------|--------------------|
| 3rd Trimester | 2025 | 0.031 | 0.001 | 0.005 | 0.001 |
| 0<2 | 2025-26 | 0.039 | 0.001 | 0.007 | 0.002 |
| 2<16 | 2027-40 | 0.056 | 0.002 | 0.010 | 0.002 |
| 16<30 | 2041-55 | 0.062 | 0.002 | 0.011 | 0.003 |

| Emission Rates for AERMOD | | Emission Rate (g/s) | | | | | | | | | |
|---------------------------|---------|---------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Age Bin | Years | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 3rd Trimester | 2025 | 1.08E-04 | 1.08E-04 | 1.08E-04 | 1.08E-04 | 1.44E-05 | 7.63E-05 | 4.59E-06 | 4.59E-06 | 4.59E-06 | 4.59E-06 |
| 0<2 | 2025-26 | 1.35E-04 | 1.35E-04 | 1.35E-04 | 1.35E-04 | 1.80E-05 | 9.53E-05 | 5.74E-06 | 5.74E-06 | 5.74E-06 | 5.74E-06 |
| 2<16 | 2027-40 | 1.97E-04 | 1.97E-04 | 1.97E-04 | 1.97E-04 | 2.62E-05 | 1.39E-04 | 8.36E-06 | 8.36E-06 | 8.36E-06 | 8.36E-06 |
| 16<30 | 2041-55 | 2.17E-04 | 2.17E-04 | 2.17E-04 | 2.17E-04 | 2.88E-05 | 1.53E-04 | 9.18E-06 | 9.18E-06 | 9.18E-06 | 9.18E-06 |

| | |
|---------------------|---------|
| Activity hours/day: | 9 |
| Seconds per hour: | 3600 |
| grams/pounds: | 453.592 |

SPUR/WASH Emission Rate (grams/sec) = Daily Emissions (lb/day) / Daily Operation Duration (hours/day) / Conversion Factor (1hr/3600 sec) x Conversion Factor (453.592 g / 1 lb)

IDLE/TRACK Emission Rate (grams/sec) = Daily Emissions (lb/day) / Daily Operation Duration (hours/day) / Conversion Factor (1hr/3600 sec) x Conversion Factor (453.592 g / 1 lb) / # of AERMOD Sources

Tier-4 Locomotive Emissions Factors

| Method | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ |
|----------|------|------|-----------------|-----------------|------------------|-------------------|-----------------|
| g/bhp-hr | 1.28 | 0.04 | 1.00 | | 0.02 | | |
| g/gallon | | | | 0.09 | | | 10217.28 |

Locomotive Emissions Factors (g/gal)

| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ |
|------|-------|------|-----------------|-----------------|------------------|-------------------|-----------------|
| All | 26.62 | 0.88 | 20.80 | 0.09 | 0.31 | 0.30 | 10217.28 |

Source:

Derived from *Emissions Factors for Locomotives* (April 2009), USEPA
Available: <https://nepis.epa.gov/Exe/ZyPDF.cgi/P100500B.PDF?Dockey=P100500B.PDF>

Idle Fuel Use Estimates

| | Trains per Day | Locos per Train | Locos per Day | Start-Up Duration per Loco (hr) | Shut Down Duration per Loco (hr) | Total Idle Time per Loco (hr) | Fuel Consumption per Idle hour (gal/hr) | Daily Total Fuel Use (gal/day) |
|----------|----------------|-----------------|---------------|---------------------------------|----------------------------------|-------------------------------|---|--------------------------------|
| Existing | 1 | 1 | 1 | 1.00 | 0.50 | 1.50 | 15.0 | 22.50 |

Source: Train count and idle estimates provided by HDR; idle fuel rate from Link Union Station EIR.

Daily Idling Emissions (lb/day) = Daily Fuel Consumption (gal/day) x Emission Factor (g/gal) x Conversion Factor (1lb/453.592g)

Spur/Wash/Track Daily Emisions (lb/day) = Locos/day x Travel Time (hr)/Loco x Emission Factor (g/gal) x Fuel Consumption Rate (gal/hr) x Conversion Factor (1lb/453.592g)

| Locomotive Idling | Daily Emissions (lb/day) | | | | | | | Metric tons/year |
|-------------------|--------------------------|------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ |
| Existing | 1.32 | 0.04 | 1.03 | 0.00 | 0.02 | 0.02 | 506.82 | 83.91 |

| Locomotive Spur Movement | Daily Emissions (lb/day) | | | | | | | Metric tons/year |
|--------------------------|--------------------------|-------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ |
| Existing | 0.044 | 0.001 | 0.034 | 0.000 | 0.001 | 0.000 | 16.85 | 2.79 |

| | |
|---|--------|
| Fuel Consumption Rate (gal/hr) @ 5 mph: | 20 |
| Distance (miles): | 0.187 |
| Speed (mph): | 5 |
| Travel time per loco (hours/loco): | 0.0374 |
| Travel time per loco (min/loco): | 2.244 |

Notes:

Assumes 20 gallons per hour traveling at 5 mph.

| Locomotive Wash Movement | Daily Emissions (lb/day) | | | | | | | Metric tons/year |
|--------------------------|--------------------------|------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ |
| Existing | 0.23 | 0.01 | 0.18 | 0.001 | 0.003 | 0.003 | 89.20 | 14.77 |

| | |
|---|-------|
| Fuel Consumption Rate (gal/hr) @ 3 mph: | 20 |
| Distance (miles): | 0.594 |
| Speed (mph): | 3 |
| Travel time per loco (hours/loco): | 0.198 |
| Travel time per loco (min/loco): | 11.88 |

Notes:

Assumes 20 gallons per hour traveling at 3 mph.

| Locomotive Track Movement | Daily Emissions (lb/day) | | | | | | | Metric tons/year |
|---------------------------|--------------------------|------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ |
| Existing | 0.06 | 0.00 | 0.04 | 0.000 | 0.001 | 0.001 | 21.47 | 3.56 |

| | |
|---|-------|
| Fuel Consumption Rate (gal/hr) @ 3 mph: | 20 |
| Distance (miles): | 0.143 |
| Speed (mph): | 3 |
| Travel time per loco (hours/loco): | 0.048 |
| Travel time per loco (min/loco): | 2.86 |

Notes:

Assumes 20 gallons per hour traveling at 3 mph.

| | |
|--------------------------------------|--------|
| Total Existing GHG Emissions (MT/yr) | 105.02 |
|--------------------------------------|--------|

CONSTRUCTION ANALYSIS

CRITERIA POLLUTANT EMISSIONS

| | Daily Emissions (lb/day) | | | | | | | | | |
|-------------------------------------|--------------------------|------|-------|------|---------------|--------------|------------|----------------|---------------|-------------|
| Construction Scenario | ROG | NOX | CO | SO2 | PM10 Fugitive | PM10 Exhaust | PM10 Total | PM2.5 Fugitive | PM2.5 Exhaust | PM2.5 Total |
| Phase 1 Construction | 0.75 | 5.64 | 30.95 | 0.06 | 5.77 | 0.088 | 5.86 | 3.03 | 0.09 | 3.12 |
| Phase 2 Construction (Later Phases) | 12.49 | 1.93 | 8.23 | 0.02 | 1.97 | 0.059 | 2.00 | 1.02 | 0.06 | 1.05 |

*Values represent the maximum values of the Summer and Winter CalEEMod files

| | Daily Emissions (lb/day) | | |
|-------------------------------------|--------------------------|-------|------------|
| Construction Scenario | ROG + NOx | DPM | PM10 Total |
| Phase 1 Construction | 6.38 | 0.088 | 5.86 |
| Phase 2 Construction (Later Phases) | 14.42 | 0.059 | 2.00 |
| SLOAPCD Daily Threshold | 137 | 7 | - |
| Exceeds Threshold? | No | No | No |

| Quarterly Thresholds | Quarterly Emissions (tons/qtr) | | | | |
|-------------------------------------|--------------------------------|-------|------------|------------------|----|
| Construction Scenario | ROG + NOx | DPM | PM10 Total | Days per Quarter | 90 |
| Phase 1 Construction | 0.29 | 0.004 | 0.26 | | |
| Phase 2 Construction (Later Phases) | 0.65 | 0.003 | 0.09 | | |
| SLOAPCD Quarterly Threshold | 2.5 | 0.13 | 2.5 | | |
| Exceeds Threshold? | No | No | No | | |

| | ROG | NO _x | ROG + NO _x | | CO | SO ₂ | PM10 | | DPM | |
|-------------------------------------|-------|-----------------|-----------------------|------|-------|-----------------|------|------|------|-------|
| Construction Scenario | PPD | PPD | PPD | TPQ | PPD | PPD | PPD | TPQ | PPD | TPQ |
| Phase 1 Construction | 0.75 | 5.64 | 6.38 | 0.29 | 30.95 | 0.06 | 5.86 | 0.26 | 0.09 | 0.004 |
| Phase 2 Construction (Later Phases) | 12.49 | 1.93 | 14.42 | 0.65 | 8.23 | 0.02 | 2.00 | 0.09 | 0.06 | 0.003 |
| SLOAPCD Threshold | n/a | n/a | 137 | 2.5 | n/a | n/a | n/a | 2.5 | 7 | 0.13 |
| Exceeds Threshold? | - | - | No | No | - | - | - | No | No | No |

GREENHOUSE GAS EMISSIONS

| | Unmitigated |
|---------------------------|---------------------|
| Construction Phase | MTCO ₂ e |
| Phase 1 Construction | 569.09 |
| Later Phases Construction | 190.47 |
| Total Construction | 759.55 |
| 30-year Amortization | 25.32 |

OPERATIONS ANALYSIS

CRITERIA POLLUTANT EMISSIONS

EXISTING CONDITIONS

| EXISTING EMISSIONS-SUMMER | Daily Emissions (lb/day) | | | | | | | | | |
|--|--------------------------|-------|-------|-------|---------------|--------------|------------|----------------|---------------|-------------|
| Operations | ROG | NOX | CO | SO2 | PM10 Fugitive | PM10 Exhaust | PM10 Total | PM2.5 Fugitive | PM2.5 Exhaust | PM2.5 Total |
| Existing Facility (Area, Mobile, Energy) | 0.044 | 0.018 | 0.112 | 0.000 | 0.026 | 0.000 | 0.026 | 0.007 | 0.000 | 0.007 |
| Locomotives | 0.054 | 1.291 | 1.653 | 0.006 | 0.000 | 0.019 | 0.019 | 0.000 | 0.019 | 0.019 |
| Total Existing Emissions | 0.099 | 1.309 | 1.765 | 0.006 | 0.026 | 0.020 | 0.045 | 0.007 | 0.019 | 0.026 |

| EXISTING EMISSIONS-WINTER | Daily Emissions (lb/day) | | | | | | | | | |
|--|--------------------------|-------|-------|-------|---------------|--------------|------------|----------------|---------------|-------------|
| Operations | ROG | NOX | CO | SO2 | PM10 Fugitive | PM10 Exhaust | PM10 Total | PM2.5 Fugitive | PM2.5 Exhaust | PM2.5 Total |
| Existing Facility (Area, Mobile, Energy) | 0.044 | 0.019 | 0.120 | 0.000 | 0.026 | 0.000 | 0.026 | 0.007 | 0.000 | 0.007 |
| Locomotives | 0.054 | 1.291 | 1.653 | 0.006 | 0.000 | 0.019 | 0.019 | 0.000 | 0.019 | 0.019 |
| Total Existing Emissions | 0.098 | 1.311 | 1.773 | 0.006 | 0.026 | 0.020 | 0.045 | 0.007 | 0.019 | 0.026 |

| EXISTING EMISSIONS-MAXIMUM | Daily Emissions (lb/day) | | | | | | | | | |
|--|--------------------------|-------|-------|-------|---------------|--------------|------------|----------------|---------------|-------------|
| Operations | ROG | NOX | CO | SO2 | PM10 Fugitive | PM10 Exhaust | PM10 Total | PM2.5 Fugitive | PM2.5 Exhaust | PM2.5 Total |
| Existing Facility (Area, Mobile, Energy) | 0.044 | 0.019 | 0.120 | 0.000 | 0.026 | 0.000 | 0.026 | 0.007 | 0.000 | 0.007 |
| Locomotives | 0.054 | 1.291 | 1.653 | 0.006 | 0.000 | 0.019 | 0.019 | 0.000 | 0.019 | 0.019 |
| Total Existing Emissions | 0.099 | 1.311 | 1.773 | 0.006 | 0.026 | 0.020 | 0.045 | 0.007 | 0.019 | 0.026 |

Notes:
Existing facility would have 1 locomotive per day

PROJECT FULL BUILDOUT

| PROJECT BUILDOUT EMISSIONS-SUMMER | Daily Emissions (lb/day) | | | | | | | | | |
|---|--------------------------|-------|-------|-------|---------------|--------------|------------|----------------|---------------|-------------|
| Operations | ROG | NOX | CO | SO2 | PM10 Fugitive | PM10 Exhaust | PM10 Total | PM2.5 Fugitive | PM2.5 Exhaust | PM2.5 Total |
| Project Facility (Area, Mobile, Energy) | 0.674 | 0.086 | 0.607 | 0.001 | 0.140 | 0.001 | 0.141 | 0.037 | 0.001 | 0.038 |
| Locomotives | 0.218 | 5.165 | 6.612 | 0.023 | 0.000 | 0.077 | 0.077 | 0.000 | 0.075 | 0.075 |
| Total Project Emissions | 0.891 | 5.251 | 7.219 | 0.025 | 0.140 | 0.079 | 0.219 | 0.037 | 0.076 | 0.114 |

| PROJECT BUILDOUT EMISSIONS-WINTER | Daily Emissions (lb/day) | | | | | | | | | |
|---|--------------------------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|
| Operations | ROG | NOX | CO | SO2 | PM10 Fugitive | PM10 Exhaust | PM10 Total | PM2.5 Fugitive | PM2.5 Exhaust | PM2.5 Total |
| Project Facility (Area, Mobile, Energy) | 0.67 | 0.09 | 0.65 | 0.00 | 0.14 | 0.00 | 0.14 | 0.04 | 0.00 | 0.04 |
| Locomotives | 0.22 | 5.17 | 6.61 | 0.02 | 0.00 | 0.08 | 0.08 | 0.00 | 0.08 | 0.08 |
| Total Project Emissions | 0.89 | 5.26 | 7.26 | 0.02 | 0.14 | 0.08 | 0.22 | 0.04 | 0.08 | 0.11 |

| PROJECT BUILDOUT EMISSIONS-MAXIMUM | Daily Emissions (lb/day) | | | | | | | | | |
|---|--------------------------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|
| Operations | ROG | NOX | CO | SO2 | PM10 Fugitive | PM10 Exhaust | PM10 Total | PM2.5 Fugitive | PM2.5 Exhaust | PM2.5 Total |
| Project Facility (Area, Mobile, Energy) | 0.67 | 0.09 | 0.65 | 0.00 | 0.14 | 0.00 | 0.14 | 0.04 | 0.00 | 0.04 |
| Locomotives | 0.22 | 5.17 | 6.61 | 0.02 | 0.00 | 0.08 | 0.08 | 0.00 | 0.08 | 0.08 |
| Total Project Emissions | 0.89 | 5.26 | 7.26 | 0.02 | 0.14 | 0.08 | 0.22 | 0.04 | 0.08 | 0.11 |
| Total Existing Emissions | 0.10 | 1.31 | 1.77 | 0.01 | 0.03 | 0.02 | 0.05 | 0.01 | 0.02 | 0.03 |
| Net Project Emissions | 0.79 | 3.95 | 5.49 | 0.02 | 0.11 | 0.06 | 0.17 | 0.03 | 0.06 | 0.09 |

Notes:
At Full Buildout, project would have 4 locomotives per day

| Daily Thresholds | Daily Emissions (lb/day) | | | |
|-------------------------|--------------------------|-------|------------|------|
| Operations | ROG + NOx | DPM | PM10 Total | CO |
| Net Project Increase | 4.74 | 0.059 | 0.17 | 5.49 |
| SLOAPCD Daily Threshold | 25 | 1.25 | 25 | 550 |
| Exceeds Threshold? | No | No | No | No |

| Annual Thresholds | Annual Emissions (tons/year) | |
|--------------------------|------------------------------|------------|
| Operations | ROG + NOx | PM10 Total |
| Net Project Increase | 0.86 | 0.03 |
| SLOAPCD Annual Threshold | 25 | 25 |
| Exceeds Threshold? | No | No |

*Assumes 365 days of operation per year

GREENHOUSE GAS EMISSIONS

| EXISTING EMISSIONS-ANNUAL | |
|--|------------------------|
| Operations | MTCO ₂ e/yr |
| Existing Facility (Area, Mobile, Energy) | 4.7 |
| Locomotives | 105.0 |
| Total Existing Emissions | 109.69 |

| | | Mitigated | | | | |
|---|------------------------|---------------------------------------|--|------------------------------|--------------------------------|-------|
| PROJECT BUILDOUT ANNUAL GHG EMISSIONS | | With Renewable Diesel for Locomotives | With Renewable Diesel for Locomotives & Solar Panels | | | |
| Operations | Unmitigated | | | | | |
| | MTCO ₂ e/yr | MTCO ₂ e/yr | MTCO ₂ e/yr | | | |
| Project Facility (Area, Mobile, Energy) | 30.19 | 30.19 | 25.58 | | | |
| Locomotives (Idling/Movements) | 420.09 | 403.15 | 403.15 | | | |
| Construction (Amortized 30-years) | 25.32 | 25.32 | 25.32 | | | |
| Total Project Emissions | 475.60 | 458.66 | 454.05 | # of GHG Offsets Needed (MT) | | |
| Total Existing Emissions | 109.69 | 109.69 | 109.69 | | | |
| Net Project Emissions | 365.91 | 348.97 | 344.36 | 300 | Net Project Emissions | 44.36 |
| Service Population (Employees) | 65 | 65 | 65 | | Service Population (Employees) | 65 |
| Emissions per Employee | 5.63 | 5.37 | 5.30 | | Emissions per Employee | 0.68 |
| Efficiency Threshold | 0.70 | 0.70 | 0.70 | | Efficiency Threshold | 0.70 |
| Exceeds Threshold? | Yes | Yes | Yes | | Exceeds Threshold? | No |

Mitigation Measures included:

- Renewable diesel (RD) to be used in Project Locomotives, locomotive at existing facility assumed to not use renewable diesel.
- Installation of solar panels to offset 40% of Project electricity consumption.

Locomotive Testing Results

| | | CO2 Emission Factors Test Cycle (g/bhp-hr) | |
|--|--|---|-----------|
| Test Fuel | Fuel Description | Line Haul | Switching |
| EPA Diesel | 100% USEPA Certified Diesel | 536.8 | 597.7 |
| CARB Diesel | 100% CARB Diesel | 521.5 | 559.9 |
| C50R30B20 | 50% CARB Diesel/30% Renewable Diesel/20% Biodiesel | 515.2 | 551.0 |
| C50R50 | 50% CARB Diesel/50% Renewable Diesel | 512.7 | 551.5 |
| R100 | 100% Renewable Diesel | 501.0 | 538.2 |
| Reduction between CARB Diesel and R100 | | -4.1% | -4.0% |

Notes:
Source: Table 8 and Table 9, Renewable Diesel Fuel Effects on Exhaust Emissions from a Tier 3 GE ES44C4 Locomotive
https://ww2.arb.ca.gov/sites/default/files/2021-11/Renewable_Diesel_Fuel_Effects_Locomotive_Exhaust_Emissions.pdf
Testing was conducted using a 4500 HP US EPA Tier 3 GE ES44C4 locomotive provided by BNSF.

Health Risk Assessment Methodology

Health Risk Assessment

Overview

Diesel exhaust emissions, specifically diesel particulate matter (DPM), is considered a toxic air contaminant (TAC) by the California Air Resources Board (CARB). As such, this air toxics human health risk assessment (HRA) was conducted to assess the health risk to nearby residential uses associated with the proposed project. A health risk assessment consists of three parts: (1) a TAC emissions inventory, (2) air dispersion modeling to evaluate off-site concentrations of TAC emissions, and (3) assessment of risks associated with predicted concentrations.

Uncertainty in Risk Assessment

There is a great deal of uncertainty associated with the process of risk assessment. The uncertainty arises from lack of data in many areas necessitating the use of assumptions. The assumptions used in the OEHHA guidelines are designed to err on the side of health protection in order to avoid underestimation of risk to the public. Sources of uncertainty, which may overestimate or underestimate risk, include: 1) extrapolation of toxicity data in animals to humans, 2) uncertainty in the estimation of emissions, 3) uncertainty in the air dispersion models, and 4) uncertainty in the exposure estimates. In addition to uncertainty, there is a natural range or variability in measured parameters defining the exposure scenario. Scientific studies with representative sampling and large enough sample sizes can characterize this variability. In the specific context of a Hot Spots risk assessment, the source of variability with the greatest quantitative impact is variation among the human population in such properties as height, weight, food consumption, breathing rates, and susceptibility to chemical toxicants (OEHHA, 2015).

Methodology

Model Selection

Dispersion modeling was performed using the United States Environmental Protection Agency developed AERMOD gaussian plume dispersion model, version 10.10.1. See model output sheets for model setup parameters.

Modeled Sources

Pacific Surfliner trains using the layover facility would always be north facing (i.e., locomotives would be on the north end of trains). Trains would enter the layover facility from the north, after making their final stops at the San Luis Obispo Train Station. Trains would leave the layover facility heading north to the San Luis Obispo Train Station for their first stop prior to heading south on their journeys to San Diego. Point sources were used to represent locomotive idle locations, and line sources were used to represent locomotive movements about the site. Emissions sources are illustrated on the figure “Source and Building Placements,” attached.

Source Parameters

Locomotive stack release height, diameter, exit velocity, and exit temperature were obtained from the Metrolink *Health Risk Assessment for the Central Maintenance Facility* (Metrolink, 2014) for the locomotive engine model most representative of the Pacific Surfliner locomotive fleet at the appropriate engine throttle settings.

Emissions Rates

The Pacific Surfliner fleet consists of Siemens Charger ALC-42 locomotives that meet USEPA Tier-4 emissions standards. Locomotive emissions were calculated per the United States Environmental Protection Agency (USEPA) publication *Emission Factors for Locomotives* (EPA, 2009) using Tier-4 emissions factors and fuel consumption rates.

Exposure Assessment and Risk Calculation

This HRA was conducted per the California Office of Environmental Health Hazard Assessment (OEHHA) publication *Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessments* (OEHHA, 2015).

References

- California Office of Environmental Health Hazard Assessment (OEHHA). 2015. Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessments. February. Available: <https://oehha.ca.gov/media/downloads/crn/2015guidancemanual.pdf>
- Metrolink. 2014. Health Risk Assessment for the Central Maintenance Facility. November. Available: <https://metrolinktrains.com/globalassets/news/metrolink-news/cmf-hra-2014.pdf>
- United States Environmental Protection Agency (USEPA). 2009. Emission Factors for Locomotives. April. Available: <https://nepis.epa.gov/Exe/ZyPDF.cgi/P100500B.PDF?Dockkey=P100500B.PDF>

Attachments

- Health Risk Assessment Cancer Risk Calculations
- Emissions Summary
- Source and Building Placements
- Receptor Placements
- AERMOD model outputs

PROJECT TITLE:
LOSSAN CCLF DPM HRA
Source and Building Placements

COMMENTS:

SOURCES:

10

RECEPTORS:

1120

COMPANY NAME:

ERPinc (www.erpinc.com)

MODELER:

Keith Cooper

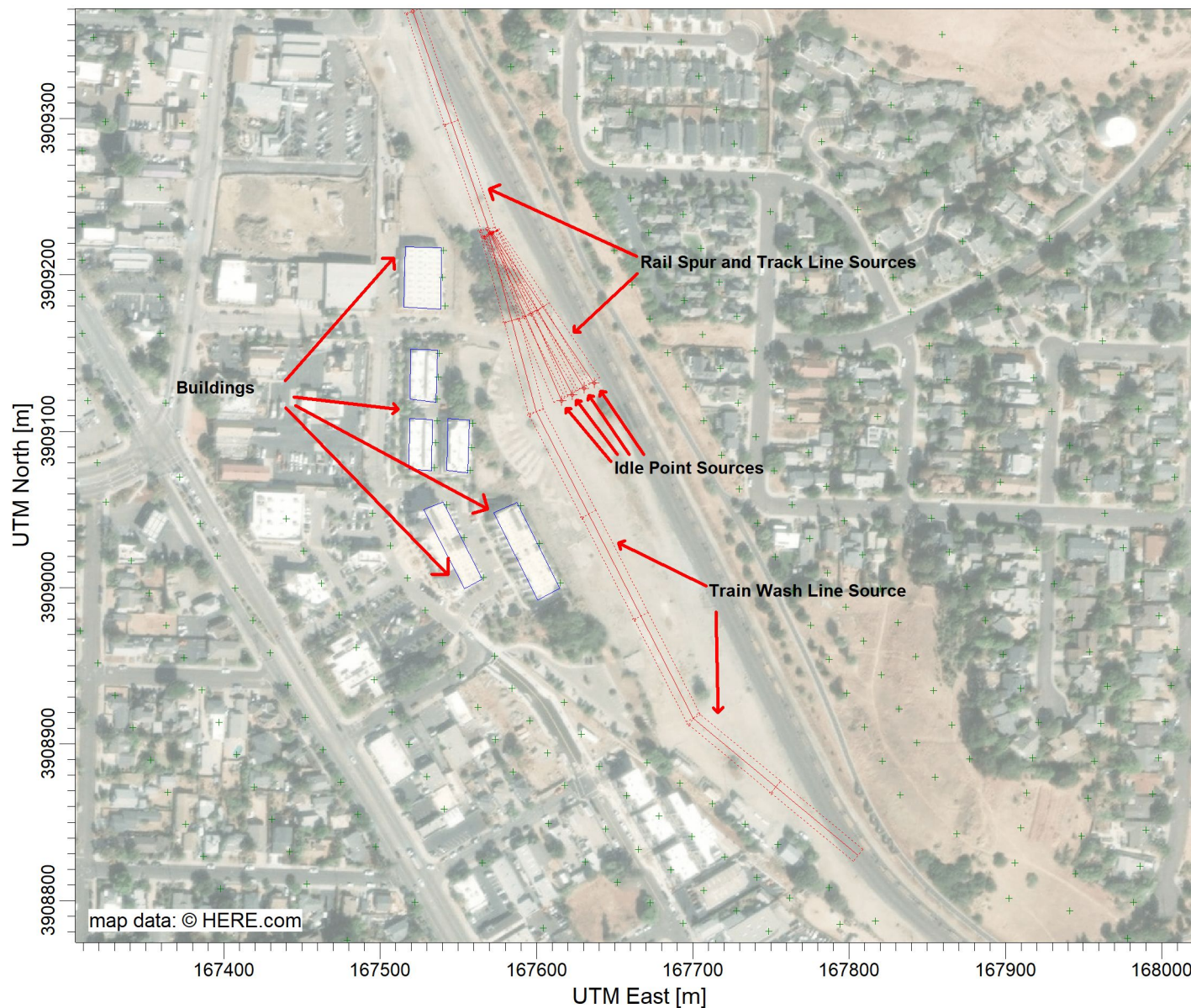
DATE:

10/28/2021

SCALE: 1:4,066

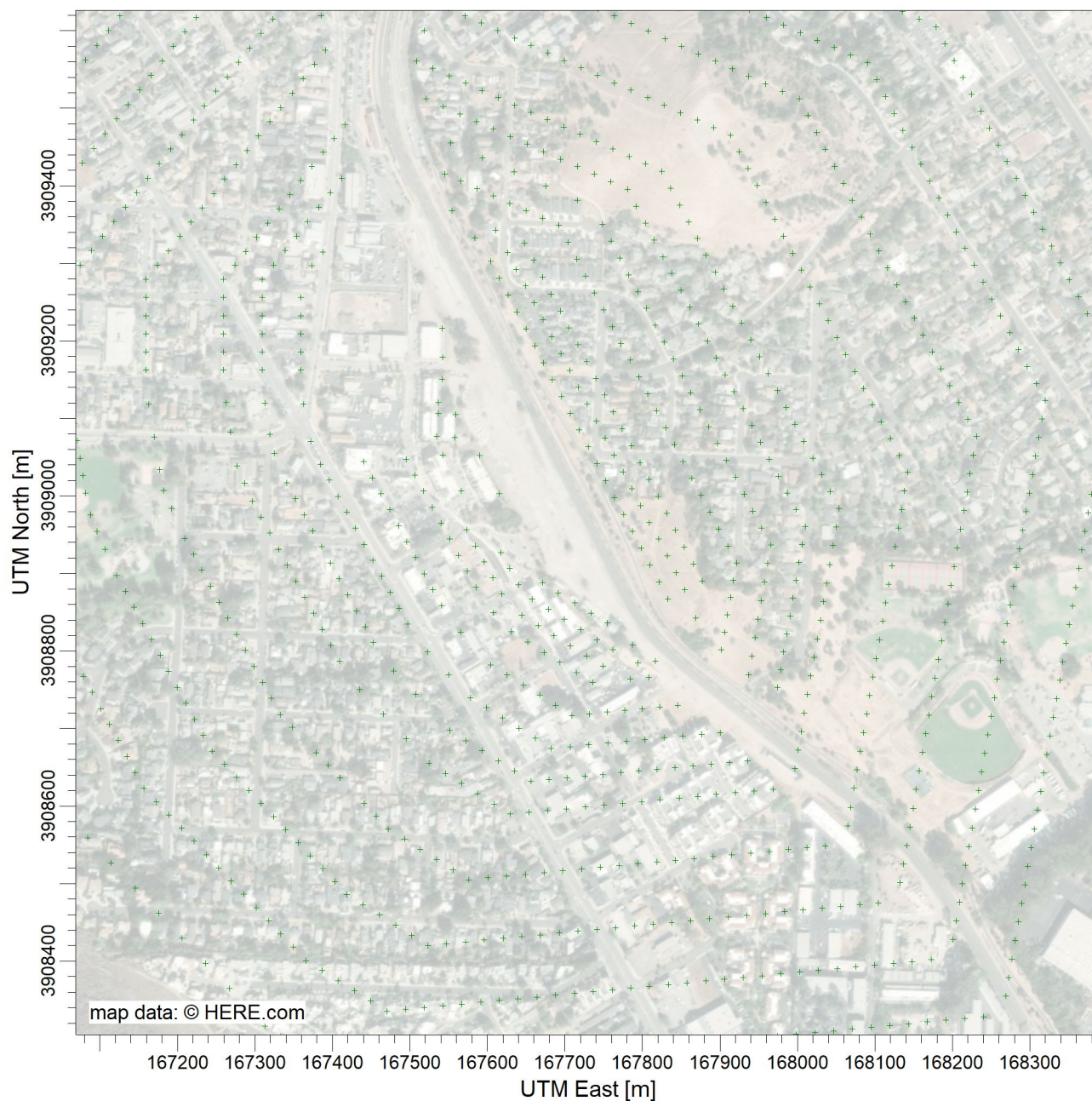
0  0.1 km

PROJECT NO.:



PROJECT TITLE:

**LOSSAN CCLF DPM HRA
Receptor Placements**



COMMENTS:

SOURCES:

4

COMPANY NAME:

ERPinc (www.erpinc.com)

RECEPTORS:

1114

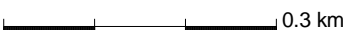
MODELER:

Keith Cooper

SCALE:

1:8,310

0

 0.3 km

DATE:

10/19/2021

PROJECT NO.:

LOSSAN Rail Corridor Agency: Central Coast Layover Facility Project

Health Risk Assessment Methodology

Purpose

The health risk assessment (HRA) evaluated potential health impacts from exposure to diesel particulate matter (DPM) during operation of the proposed Central Coast Layover Facility (CCLF). DPM emissions would be generated from locomotives idling during operations at the proposed CCLF. The HRA evaluated potential cancer risk and chronic (non-cancer) risk health impacts from exposure to DPM. Cancer risk and chronic (non-cancer) risk were evaluated at residential receptors. Although commercial and school uses were present within ¼-mile of the proposed CCLF, the HRA focused on residential uses only. This is because locomotive idling would generally occur between the hours of 9 PM and 6 AM, when workers and students would not be present.

Emission Sources

Each train overnighing at the CCLF would idle up to 90 minutes per day, approximately 60 minutes at shutdown and 30 minutes for startup. Two trains would overnigh at the CCLF at completion of Phase 1 construction. This number is estimated to increase to three trains in five years, then to four trains in ten years.

Dispersion Modeling

Dispersion modeling was conducted for the HRA using American Meteorological Society/EPA Regulatory Model, AERMOD, version 21112. AERMOD was used to estimate DPM concentrations at offsite residential receptors. DPM emissions for train idling while arriving/departing the CCLF were modeled as line-area sources and overnight idling activities at the CCLF were modeled as point sources. For the HRA, all sources used a unitized emission rate approach to estimate actual concentrations. To reduce the number of modeling runs required, each source was modeled with a unit emission rate (1 g/s). Model outputs were a dispersion factor with units of concentration per unit emissions ($[\mu\text{g}/\text{m}^3]/[\text{g}/\text{s}]$). Following this approach, annual average ground-level concentrations (GLCs) resulted from multiplying the dispersion factor by an annual average emission rate (BAAQMD 2012). The source parameters are provided below in Table 1 and Table 2. Table 3 provides additional details used in the dispersion modeling.

Table 1: Source Parameters for Locomotive Idling during Arrival/Departure

| Source Type | Release Height (m) | Length of Side (m) |
|-------------|--------------------|--------------------|
| Line-Area | 23.2 | 10.0 |

Table 2: Source Parameters for Locomotive Idling during Overnight

| Source Type | Release Height (m) | Stack Diameter (m) | Stack Exit Temperature (K) | Stack Exit Flow Rate (CFM) |
|-------------|--------------------|--------------------|----------------------------|----------------------------|
| Point | 4.6 | 0.66 | 351 | 2753.3 |

Table 3: Additional Modeling Details

| | | |
|----------------------------|---------------------------------------|--|
| CONTROL PATHWAY | Dispersion Options: | DEFAULT |
| | Pollutant/Averaging: | PM10/ANNUAL |
| | Terrain Options: | DEFAULT-ELEVATED |
| SOURCE PATHWAY | Population: | 47,302 |
| | Variable Emissions: | 9 Hours (9PM to 6AM)-7 days per week |
| RECEPTOR PATHWAY | Receptor Grid Type: | Tiered Fenceline Grid |
| | Tier 1: | 25-meter spacing |
| | Tier 2: | 50-meter spacing |
| | Tier 3: | 100-meter spacing |
| | Receptor Height (m): | 0 (ground-level) |
| METEOROLOGY PATHWAY | Met Station: | CARB Station ID 722897: SAN LUIS COUNTY REGIONAL AIRPORT |
| | Met Years: | 2009-2013 |
| | Met Station Elevation (m): | 61 |
| TERRAIN DATA | USGS NED 1 (USA, Canada, Mexico) ~30m | |
| AERMOD VERSION | AERMOD Executable 21112 | |

Health Risk Methodology

The health risk calculations were conducted in accordance with guidance from the Office of Environmental Health Hazard Assessment's (OEHHA) Air Toxics Hot Spots Program Guidance Manual for the Preparation of Risk Assessments (OEHHA Guidelines) (OEHHA 2015). The OEHHA Guidelines were revised in 2015 to incorporate age sensitivity factors, which account for increased sensitivity to carcinogens during early-in-life exposure. Health risks were estimated using a spreadsheet methodology that incorporated methodologies and parameters consistent with OEHHA Guidelines. Residential cancer risk was based on a 30-year exposure beginning in the 3rd trimester of pregnancy. Table 4 provides the exposure parameters for each age bin to estimate cancer risk.

Table 4: Exposure Parameters per Age Group

| Parameter | Abbr. | 3 rd Tri | 0<2 | 2<16 | 16<30 |
|--|------------------|---------------------|----------|----------|----------|
| Daily Breathing Rate (mg/kg/day) ¹ | DBR | 361 | 1,090 | 745 | 335 |
| Inhalation Absorption Factor (unitless) | A | 1.0 | 1.0 | 1.0 | 1.0 |
| Exposure Frequency (unitless) ² | EF | 0.96 | 0.96 | 0.96 | 0.96 |
| Conversion Factor (ug to mg, L to m ³) | CF | 1.00E-06 | 1.00E-06 | 1.00E-06 | 1.00E-06 |
| Age Sensitivity Factor (unitless) ³ | ASF | 10 | 10 | 3 | 1 |
| Exposure Duration (years) | ED | 0.25 | 2 | 14 | 14 |
| Averaging Time for Lifetime (years) ⁴ | AT | 70 | 70 | 70 | 70 |
| Fraction of Time at Home (unitless) ⁵ | FAH | 0.85 | 0.85 | 0.72 | 0.73 |
| Cancer Conversion Factor (unitless) ⁶ | CCF | 1.00E+06 | 1.00E+06 | 1.00E+06 | 1.00E+06 |
| Cancer Potency Factor (mg/kg/day) ⁻¹ | CPF ⁷ | 1.1 | 1.1 | 1.1 | 1.1 |
| ¹ OEHHA 2015, Table 5.7, 95th percentile for all age groups. ² Based on 350 days per year. ³ OEHHA 2015, Table 8.3. ⁴ Averaging time is always 70 years. ⁵ OEHHA 2015, Table 8.4 ⁶ Conversion factor used to convert cancer risk to chances per million. ⁷ OEHHA 2015, Table 7.1. | | | | | |

Results Summary

Table 5 provides the results of the HRA. As shown in Table 5, cancer risk and chronic risk would not exceed the San Luis Obispo Air Pollution Control District's significance thresholds.

Table 5: Project Cancer Risk Summary

| | Cancer Risk (per million) | Chronic Hazard Index |
|------------------------------------|---------------------------|----------------------|
| Residential MEI | 4.93 | 0.002 |
| SLOAPCD Significance Threshold | 10 | 1.0 |
| Exceeds Thresholds? | No | No |
| MEI = maximally exposed individual | | |

References

- Bay Area Air Quality Management District (BAAQMD). 2012. Recommended Methods for Screening and Modeling Local Risk and Hazards, Version 3.0. May. Available at: <https://www.baaqmd.gov/~media/files/planning-and-research/ceqa/risk-modeling-approach-may-2012.pdf?la=en&rev=3ed5e81662784057941d97b851900d19>. Accessed: February 22, 2022.
- Office of Environmental Health Hazard Assessment (OEHHA). 2015. Risk Assessment Guidelines-Guidance Manual for the Preparations of Health Risk Assessments. February. Available at: <https://oehha.ca.gov/media/downloads/crn/2015guidancemanual.pdf>. Accessed: February 22, 2022.

Health Risk Assessment Calculations

Locomotive DPM Emissions

Tier-4 Locomotive Emissions Factors

| Method | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ |
|----------|------|------|-----------------|-----------------|------------------|-------------------|-----------------|
| g/bhp-hr | 1.28 | 0.04 | 1.00 | | 0.015 | | |
| g/gallon | | | | 0.09 | | | 10217.28 |

Locomotive Emissions Factors (g/gal)

| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ |
|------|-------|------|-----------------|-----------------|------------------|-------------------|-----------------|
| All | 26.62 | 0.88 | 20.80 | 0.09 | 0.31 | 0.30 | 10217.28 |

Source:

Derived from *Emissions Factors for Locomotives* (April 2009), USEPA
Available: <https://nepis.epa.gov/Exe/ZyPDF.cgi/P100500B.PDF?Dockey=P100500B.PDF>

Idle Fuel Use Estimates

| Trains | Trains per Day | Locos per Train | Locos per Day | Start-Up Duration per Loco (hr) | Shut Down Duration per Loco (hr) | Total Idle Time per Loco (hr) | Fuel Consumption per Idle hour (gal/hr) | Daily Total Fuel Use (gal/day) |
|-----------------|----------------|-----------------|---------------|---------------------------------|----------------------------------|-------------------------------|---|--------------------------------|
| Year 2025 | 2 | 1 | 2 | 1.00 | 0.50 | 1.50 | 15.0 | 45.0 |
| Years 2026-2031 | 3 | 1 | 3 | 1.00 | 0.50 | 1.50 | 15.0 | 67.5 |
| Years 2032-2055 | 4 | 1 | 4 | 1.00 | 0.50 | 1.50 | 15.0 | 90.0 |

Source: Train count and idle estimates provided by HDR; idle fuel rate from Link Union Station EIR.

| |
|--|
| Daily Idling Emissions (lb/day) = Daily Fuel Consumption (gal/day) x Emission Factor (g/gal) x Conversion Factor (1lb/453.592g) |
| Spur/Wash/Track Daily Emisions (lb/day) = Locos/day x Travel Time (hr)/Loco x Emission Factor (g/gal) x Fuel Consumption Rate (gal/hr) x Conversion Factor (1lb/453.592g) |

| Locomotive Idling | Daily Emissions (lb/day) | | | | | | | Metric tons/year | Renewable Diesel Tailpipe Reduction |
|-------------------|--------------------------|------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|-------------------------------------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ | |
| 2025 | 2.64 | 0.09 | 2.06 | 0.01 | 0.03 | 0.03 | 1013.64 | 167.82 | |
| 2026-2031 | 3.96 | 0.13 | 3.10 | 0.01 | 0.05 | 0.05 | 1520.46 | 251.73 | |
| 2032-2055 | 5.28 | 0.17 | 4.13 | 0.02 | 0.06 | 0.06 | 2027.27 | 335.64 | |

| Locomotive Spur Movement | Daily Emissions (lb/day) | | | | | | | Metric tons/year | | |
|--------------------------|--------------------------|-------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|---|--------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ | Fuel Consumption Rate (gal/hr) @ 5 mph: | 20 |
| 2025 | 0.088 | 0.003 | 0.069 | 0.000 | 0.001 | 0.001 | 33.70 | 5.58 | Distance (miles): | 0.187 |
| 2026-2031 | 0.132 | 0.004 | 0.103 | 0.000 | 0.002 | 0.001 | 50.55 | 8.37 | Speed (mph): | 5 |
| 2032-2055 | 0.176 | 0.006 | 0.137 | 0.001 | 0.002 | 0.002 | 67.40 | 11.16 | Travel time per loco (hours loco): | 0.0374 |
| Notes: | | | | | | | | | Travel time per loco (min loco): | 2.244 |

Assumes 20 gallons per hour traveling at 5 mph.

| Locomotive Wash Movement | Daily Emissions (lb/day) | | | | | | | Metric tons/year | | |
|--------------------------|--------------------------|------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|---|-------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ | Fuel Consumption Rate (gal/hr) @ 3 mph: | 20 |
| 2025 | 0.46 | 0.02 | 0.36 | 0.002 | 0.005 | 0.005 | 178.40 | 29.54 | Distance (miles): | 0.594 |
| 2026-2031 | 0.70 | 0.02 | 0.54 | 0.002 | 0.008 | 0.008 | 267.60 | 44.30 | Speed (mph): | 3 |
| 2032-2055 | 0.93 | 0.03 | 0.73 | 0.003 | 0.011 | 0.011 | 356.80 | 59.07 | Travel time per loco (hours loco): | 0.198 |
| Notes: | | | | | | | | | Travel time per loco (min loco): | 11.88 |

Assumes 20 gallons per hour traveling at 3 mph.

| Locomotive Track Movement | Daily Emissions (lb/day) | | | | | | | Metric tons/year | | |
|---------------------------|--------------------------|------|-----------------|-----------------|------------------|-------------------|-----------------|------------------|---|-------|
| Year | CO | VOC | NO _x | SO _x | PM ₁₀ | PM _{2.5} | CO ₂ | CO ₂ | Fuel Consumption Rate (gal/hr) @ 3 mph: | 20 |
| 2025 | 0.11 | 0.00 | 0.09 | 0.000 | 0.001 | 0.001 | 42.95 | 7.11 | Distance (miles): | 0.143 |
| 2026-2031 | 0.17 | 0.01 | 0.13 | 0.001 | 0.002 | 0.002 | 64.42 | 10.67 | Speed (mph): | 3 |
| 2032-2055 | 0.22 | 0.01 | 0.17 | 0.001 | 0.003 | 0.003 | 85.90 | 14.22 | Travel time per loco (hours loco): | 0.048 |
| Notes: | | | | | | | | | Travel time per loco (min loco): | 2.86 |

Assumes 20 gallons per hour traveling at 3 mph.

| | |
|---|--------|
| Total Full Buildout GHG Emissions (MT/yr) | 420.09 |
|---|--------|

DPM Emissions in Pounds per Day

| Residential | Years | Idle ¹ | Spur | Wash | Track ² |
|---------------|---------|-------------------|-------|-------|--------------------|
| 3rd Trimester | 2025 | 0.031 | 0.001 | 0.005 | 0.001 |
| 0<2 | 2025-26 | 0.039 | 0.001 | 0.007 | 0.002 |
| 2<16 | 2027-40 | 0.056 | 0.002 | 0.010 | 0.002 |
| 16<30 | 2041-55 | 0.062 | 0.002 | 0.011 | 0.003 |

| Emission Rates for AERMOD | | Emission Rate (g/s) | | | | | | | | | |
|---------------------------|---------|---------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Age Bin | Years | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 3rd Trimester | 2025 | 1.08E-04 | 1.08E-04 | 1.08E-04 | 1.08E-04 | 1.44E-05 | 7.63E-05 | 4.59E-06 | 4.59E-06 | 4.59E-06 | 4.59E-06 |
| 0<2 | 2025-26 | 1.35E-04 | 1.35E-04 | 1.35E-04 | 1.35E-04 | 1.80E-05 | 9.53E-05 | 5.74E-06 | 5.74E-06 | 5.74E-06 | 5.74E-06 |
| 2<16 | 2027-40 | 1.97E-04 | 1.97E-04 | 1.97E-04 | 1.97E-04 | 2.62E-05 | 1.39E-04 | 8.36E-06 | 8.36E-06 | 8.36E-06 | 8.36E-06 |
| 16<30 | 2041-55 | 2.17E-04 | 2.17E-04 | 2.17E-04 | 2.17E-04 | 2.88E-05 | 1.53E-04 | 9.18E-06 | 9.18E-06 | 9.18E-06 | 9.18E-06 |

| | |
|---------------------|---------|
| Activity hours/day: | 9 |
| Seconds per hour: | 3600 |
| grams/pounds: | 453.592 |

SPUR/WASH Emission Rate (grams/sec) = Daily Emissions (lb/day) / Daily Operation Duration (hours/day) / Conversion Factor (1hr/3600 sec) x Conversion Factor (453.592 g / 1 lb)

IDLE/TRACK Emission Rate (grams/sec) = Daily Emissions (lb/day) / Daily Operation Duration (hours/day) / Conversion Factor (1hr/3600 sec) x Conversion Factor (453.592 g / 1 lb) / # of AERMOD Sources

AERMOD Concentrations with Unitized Emission Rate

AERMOD Output Concentrations with Unitized Emission Rate

| XY | X | Y | REC TYPE | AERMOD Concentrations (µg/m ³) at 1 g/s | | | | | | | | | |
|------------------|-----------|------------|----------|---|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167603.823909302 | 167603.82 | 3909302.48 | FENCEGRD | 1.385 | 1.427 | 1.489 | 1.558 | 2.531 | 0.599 | 0.707 | 0.733 | 0.764 | 0.796 |
| 167615.273909280 | 167615.27 | 3909280.72 | FENCEGRD | 1.324 | 1.359 | 1.399 | 1.434 | 2.990 | 0.604 | 0.692 | 0.724 | 0.759 | 0.795 |
| 167626.723909258 | 167626.72 | 3909258.96 | FENCEGRD | 1.219 | 1.251 | 1.265 | 1.271 | 3.330 | 0.619 | 0.723 | 0.760 | 0.800 | 0.842 |
| 167638.173909237 | 167638.17 | 3909237.19 | FENCEGRD | 1.026 | 1.055 | 1.078 | 1.084 | 3.578 | 0.647 | 0.803 | 0.839 | 0.882 | 0.932 |
| 167649.613909215 | 167649.61 | 3909215.43 | FENCEGRD | 0.823 | 0.826 | 0.842 | 0.854 | 3.704 | 0.704 | 1.017 | 1.059 | 1.103 | 1.165 |
| 167661.063909193 | 167661.06 | 3909193.67 | FENCEGRD | 0.795 | 0.745 | 0.710 | 0.704 | 3.637 | 0.804 | 1.451 | 1.526 | 1.598 | 1.695 |
| 167672.513909171 | 167672.51 | 3909171.91 | FENCEGRD | 0.799 | 0.731 | 0.659 | 0.611 | 3.427 | 0.934 | 2.022 | 2.149 | 2.289 | 2.462 |
| 167683.963909150 | 167683.96 | 3909150.15 | FENCEGRD | 0.892 | 0.820 | 0.735 | 0.673 | 3.153 | 1.071 | 2.616 | 2.795 | 3.012 | 3.260 |
| 167695.413909128 | 167695.41 | 3909128.39 | FENCEGRD | 1.258 | 1.282 | 1.336 | 1.506 | 2.896 | 1.198 | 3.137 | 3.355 | 3.629 | 3.921 |
| 167706.863909106 | 167706.86 | 3909106.63 | FENCEGRD | 2.877 | 3.388 | 4.150 | 5.173 | 2.675 | 1.313 | 3.488 | 3.696 | 3.944 | 4.174 |
| 167718.313909084 | 167718.31 | 3909084.86 | FENCEGRD | 5.387 | 6.348 | 7.533 | 8.680 | 2.532 | 1.420 | 3.622 | 3.769 | 3.918 | 4.026 |
| 167729.753909063 | 167729.75 | 3909063.10 | FENCEGRD | 7.805 | 8.718 | 9.655 | 10.365 | 2.395 | 1.527 | 3.566 | 3.639 | 3.697 | 3.720 |
| 167741.23909041. | 167741.20 | 3909041.34 | FENCEGRD | 9.191 | 9.795 | 10.348 | 10.675 | 2.260 | 1.632 | 3.389 | 3.410 | 3.413 | 3.393 |
| 167752.653909019 | 167752.65 | 3909019.58 | FENCEGRD | 9.629 | 9.948 | 10.186 | 10.271 | 2.131 | 1.735 | 3.174 | 3.165 | 3.140 | 3.102 |
| 167764.13908997. | 167764.10 | 3908997.82 | FENCEGRD | 9.383 | 9.539 | 9.600 | 9.534 | 1.998 | 1.826 | 2.934 | 2.907 | 2.868 | 2.824 |
| 167775.553908976 | 167775.55 | 3908976.06 | FENCEGRD | 8.767 | 8.795 | 8.768 | 8.674 | 1.862 | 1.910 | 2.700 | 2.666 | 2.622 | 2.577 |
| 1677873908954.3 | 167787.00 | 3908954.30 | FENCEGRD | 8.045 | 7.993 | 7.902 | 7.777 | 1.742 | 1.990 | 2.490 | 2.453 | 2.409 | 2.366 |
| 167798.443908932 | 167798.44 | 3908932.53 | FENCEGRD | 7.253 | 7.150 | 7.017 | 6.872 | 1.604 | 2.065 | 2.275 | 2.237 | 2.194 | 2.154 |
| 167809.893908910 | 167809.89 | 3908910.77 | FENCEGRD | 6.543 | 6.422 | 6.278 | 6.133 | 1.498 | 2.150 | 2.099 | 2.063 | 2.023 | 1.986 |
| 167821.343908889 | 167821.34 | 3908889.01 | FENCEGRD | 5.853 | 5.724 | 5.579 | 5.440 | 1.380 | 2.276 | 1.928 | 1.893 | 1.856 | 1.822 |
| 167832.793908867 | 167832.79 | 3908867.25 | FENCEGRD | 5.275 | 5.153 | 5.020 | 4.897 | 1.301 | 2.435 | 1.795 | 1.763 | 1.730 | 1.700 |
| 167583.773909333 | 167583.77 | 3909333.07 | FENCEGRD | 1.444 | 1.513 | 1.613 | 1.716 | 1.846 | 0.614 | 0.747 | 0.770 | 0.798 | 0.828 |
| 167625.953909314 | 167625.95 | 3909314.12 | FENCEGRD | 1.420 | 1.473 | 1.514 | 1.542 | 1.733 | 0.522 | 0.591 | 0.615 | 0.641 | 0.665 |
| 167637.393909292 | 167637.39 | 3909292.36 | FENCEGRD | 1.347 | 1.419 | 1.482 | 1.519 | 2.145 | 0.530 | 0.588 | 0.612 | 0.639 | 0.665 |
| 167648.843909270 | 167648.84 | 3909270.60 | FENCEGRD | 1.219 | 1.297 | 1.383 | 1.441 | 2.525 | 0.545 | 0.623 | 0.643 | 0.667 | 0.694 |
| 167660.293909248 | 167660.29 | 3909248.83 | FENCEGRD | 1.053 | 1.091 | 1.148 | 1.199 | 2.820 | 0.562 | 0.687 | 0.702 | 0.720 | 0.742 |
| 167671.743909227 | 167671.74 | 3909227.07 | FENCEGRD | 1.101 | 1.077 | 1.055 | 1.051 | 3.083 | 0.596 | 0.823 | 0.841 | 0.859 | 0.882 |
| 167683.193909205 | 167683.19 | 3909205.31 | FENCEGRD | 1.346 | 1.306 | 1.226 | 1.145 | 3.230 | 0.655 | 1.052 | 1.088 | 1.123 | 1.165 |
| 167694.643909183 | 167694.64 | 3909183.55 | FENCEGRD | 1.449 | 1.431 | 1.382 | 1.316 | 3.255 | 0.742 | 1.389 | 1.449 | 1.512 | 1.588 |
| 167706.083909161 | 167706.08 | 3909161.79 | FENCEGRD | 1.511 | 1.488 | 1.426 | 1.347 | 3.150 | 0.844 | 1.804 | 1.896 | 1.999 | 2.118 |
| 167717.533909140 | 167717.53 | 3909140.03 | FENCEGRD | 1.728 | 1.752 | 1.749 | 1.753 | 2.983 | 0.954 | 2.256 | 2.383 | 2.533 | 2.696 |
| 167728.983909118 | 167728.98 | 3909118.27 | FENCEGRD | 2.269 | 2.475 | 2.711 | 3.057 | 2.811 | 1.048 | 2.628 | 2.774 | 2.948 | 3.127 |
| 167740.433909096 | 167740.43 | 3909096.50 | FENCEGRD | 3.554 | 4.019 | 4.622 | 5.326 | 2.680 | 1.148 | 2.920 | 3.064 | 3.231 | 3.389 |
| 167751.883909074 | 167751.88 | 3909074.74 | FENCEGRD | 5.326 | 6.019 | 6.854 | 7.672 | 2.555 | 1.255 | 3.106 | 3.226 | 3.354 | 3.462 |
| 167763.333909052 | 167763.33 | 3909052.98 | FENCEGRD | 6.986 | 7.691 | 8.457 | 9.111 | 2.442 | 1.364 | 3.171 | 3.254 | 3.334 | 3.395 |
| 167774.783909031 | 167774.78 | 3909031.22 | FENCEGRD | 7.998 | 8.585 | 9.180 | 9.597 | 2.288 | 1.463 | 3.106 | 3.153 | 3.194 | 3.218 |
| 167786.223909009 | 167786.22 | 3909009.46 | FENCEGRD | 8.309 | 8.708 | 9.100 | 9.361 | 2.120 | 1.555 | 2.962 | 2.982 | 2.993 | 2.992 |
| 167797.673908987 | 167797.67 | 3908987.70 | FENCEGRD | 8.153 | 8.380 | 8.573 | 8.664 | 1.938 | 1.644 | 2.774 | 2.772 | 2.763 | 2.744 |
| 167809.123908965 | 167809.12 | 3908965.94 | FENCEGRD | 7.758 | 7.867 | 7.925 | 7.912 | 1.786 | 1.741 | 2.590 | 2.574 | 2.552 | 2.524 |
| 167820.573908944 | 167820.57 | 3908944.17 | FENCEGRD | 7.229 | 7.249 | 7.224 | 7.145 | 1.633 | 1.872 | 2.415 | 2.388 | 2.357 | 2.322 |
| 167832.023908922 | 167832.02 | 3908922.41 | FENCEGRD | 6.608 | 6.578 | 6.508 | 6.400 | 1.512 | 2.034 | 2.265 | 2.233 | 2.197 | 2.160 |
| 167843.473908900 | 167843.47 | 3908900.65 | FENCEGRD | 5.851 | 5.798 | 5.718 | 5.615 | 1.409 | 2.248 | 2.135 | 2.100 | 2.063 | 2.025 |
| 167854.923908878 | 167854.92 | 3908878.89 | FENCEGRD | 5.121 | 5.059 | 4.980 | 4.890 | 1.324 | 2.430 | 1.996 | 1.962 | 1.926 | 1.891 |
| 167610.583909342 | 167610.58 | 3909342.60 | FENCEGRD | 1.378 | 1.411 | 1.447 | 1.482 | 1.172 | 0.523 | 0.630 | 0.647 | 0.666 | 0.684 |
| 167554.343909367 | 167554.34 | 3909367.86 | FENCEGRD | 1.618 | 1.723 | 1.863 | 2.000 | 1.264 | 0.643 | 0.795 | 0.826 | 0.860 | 0.895 |
| 167648.073909325 | 167648.07 | 3909325.76 | FENCEGRD | 1.249 | 1.339 | 1.436 | 1.509 | 1.296 | 0.476 | 0.521 | 0.539 | 0.561 | 0.583 |
| 167659.523909304 | 167659.52 | 3909304.00 | FENCEGRD | 1.171 | 1.259 | 1.365 | 1.453 | 1.586 | 0.485 | 0.539 | 0.553 | 0.570 | 0.589 |
| 167670.973909282 | 167670.97 | 3909282.24 | FENCEGRD | 1.093 | 1.153 | 1.234 | 1.310 | 1.901 | 0.496 | 0.582 | 0.591 | 0.602 | 0.616 |
| 167682.423909260 | 167682.42 | 3909260.47 | FENCEGRD | 1.097 | 1.108 | 1.124 | 1.148 | 2.192 | 0.508 | 0.640 | 0.648 | 0.657 | 0.667 |
| 167693.863909238 | 167693.86 | 3909238.71 | FENCEGRD | 1.275 | 1.256 | 1.216 | 1.181 | 2.473 | 0.528 | 0.722 | 0.734 | 0.747 | 0.760 |
| 167705.313909216 | 167705.31 | 3909216.95 | FENCEGRD | 1.563 | 1.593 | 1.600 | 1.585 | 2.750 | 0.572 | 0.866 | 0.889 | 0.911 | 0.936 |
| 167716.763909195 | 167716.76 | 3909195.19 | FENCEGRD | 1.635 | 1.671 | 1.692 | 1.696 | 2.906 | 0.630 | 1.071 | 1.105 | 1.139 | 1.180 |
| 167728.213909173 | 167728.21 | 3909173.43 | FENCEGRD | 1.644 | 1.668 | 1.668 | 1.653 | 2.926 | 0.692 | 1.314 | 1.364 | 1.417 | 1.479 |
| 167739.663909151 | 167739.66 | 3909151.67 | FENCEGRD | 1.644 | 1.666 | 1.667 | 1.662 | 2.871 | 0.763 | 1.607 | 1.679 | 1.758 | 1.845 |
| 167751.113909129 | 167751.11 | 3909129.91 | FENCEGRD | 1.887 | 1.990 | 2.103 | 2.235 | 2.789 | 0.845 | 1.938 | 2.030 | 2.136 | 2.248 |
| 167762.563909108 | 167762.56 | 3909108.14 | FENCEGRD | 2.618 | 2.869 | 3.176 | 3.540 | 2.699 | 0.936 | 2.254 | 2.359 | 2.480 | 2.604 |
| 1677743909086.38 | 167774.00 | 3909086.38 | FENCEGRD | 3.726 | 4.155 | 4.696 | 5.258 | 2.604 | 1.033 | 2.518 | 2.626 | 2.748 | 2.866 |
| 167785.453909064 | 167785.45 | 3909064.62 | FENCEGRD | 4.989 | 5.553 | 6.239 | 6.895 | 2.503 | 1.134 | 2.707 | 2.805 | 2.909 | 3.004 |
| 167796.93909042. | 167796.90 | 3909042.86 | FENCEGRD | 6.110 | 6.679 | 7.325 | 7.894 | 2.356 | 1.230 | 2.787 | 2.862 | 2.939 | 3.003 |
| 167808.353909021 | 167808.35 | 3909021.10 | FENCEGRD | 6.814 | 7.291 | 7.811 | 8.218 | 2.186 | 1.326 | 2.774 | 2.824 | 2.874 | 2.912 |
| 167819.83908999. | 167819.80 | 3908999.34 | FENCEGRD | 7.138 | 7.497 | 7.863 | 8.124 | 2.010 | 1.438 | 2.710 | 2.739 | 2.766 | 2.782 |
| 167831.253908977 | 167831.25 | 3908977.57 | FENCEGRD | 7.132 | 7.394 | 7.646 | 7.799 | 1.857 | 1.583 | 2.643 | 2.654 | 2.664 | 2.663 |
| 167842.693908955 | 167842.69 | 3908955.81 | FENCEGRD | 6.665 | 6.867 | 7.059 | 7.160 | 1.731 | 1.789 | 2.599 | 2.598 | 2.594 | 2.581 |
| 167854.143908934 | 167854.14 | 3908934.05 | FENCEGRD | 5.652 | 5.800 | 5.941 | 6.012 | 1.627 | 1.994 | 2.525 | 2.516 | 2.503 | 2.482 |
| 167865.593908912 | 167865.59 | 3908912.29 | FENCEGRD | 4.738 | 4.832 | 4.919 | 4.958 | 1.520 | 2.120 | 2.370 | 2.354 | 2.335 | 2.311 |
| 167877.043908890 | 167877.04 | 3908890.53 | FENCEGRD | 4.043 | 4.092 | 4.138 | 4.152 | 1.416 | 2.202 | 2.191 | 2.171 | 2.149 | 2.123 |
| 167671.233909358 | 167671.23 | 3909358.51 | FENCEGRD | 0.780 | 0.850 | 0.942 | 1.027 | 0.931 | 0.421 | 0.464 | 0.478 | 0.492 | 0.508 |
| 167650.143909367 | 167650.14 | 3909367.98 | FENCEGRD | 1.011 | 1.089 | 1.179 | 1.251 | 0.885 | 0.437 | 0.487 | 0.506 | 0.527 | 0.547 |
| 167629.053909377 | 167629.05 | 3909377.46 | FENCEGRD | 1.188 | 1.241 | 1.291 | 1.329 | 0.793 | 0.456 | 0.541 | 0.559 | 0.578 | 0.595 |
| 167607.963909386 | 167607.96 | 3909386.93 | FENCEGRD | 1.219 | 1.248 | 1.280 | 1.313 | 0.705 | 0.477 | 0.584 | 0.596 | 0.608 | 0.619 |
| 167586.873909396 | 167586.87 | 3909396.40 | FENCEGRD | 1.213 | 1.249 | 1.298 | 1.348 | 0.684 | 0.499 | 0.602 | 0.611 | 0.623 | 0.635 |
| 167565.783909405 | 167565.78 | 3909405.88 | FENCEGRD | 1.278 | 1.335 | 1.410 | 1.486 | 0.731 | 0.526 | 0.624 | 0.639 | 0.656 | 0.675 |
| 167544.693909415 | 167544.69 | 3909415.35 | FENCEGRD | 1.433 | 1.512 | 1.614 | 1.712 | 0.857 | 0.572 | 0.690 | 0.712 | 0.736 | 0.761 |
| 167692.323909345 | 167692.32 | 3909349.04 | FENCEGRD | 0.633 | 0.686 | 0.758 | 0.828 | 0.931 | 0.408 | 0 | | | |

AERMOD Output Concentrations with Unitized Emission Rate

| XY | X | Y | REC TYPE | AERMOD Concentrations (µg/m ³) at 1 g/s | | | | | | | | | |
|------------------|-----------|------------|----------|---|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167818.253909109 | 167818.25 | 3909109.66 | FENCEGRD | 2.281 | 2.457 | 2.663 | 2.871 | 2.365 | 0.733 | 1.584 | 1.642 | 1.705 | 1.771 |
| 167829.73909087. | 167829.70 | 3909087.90 | FENCEGRD | 2.841 | 3.078 | 3.363 | 3.653 | 2.341 | 0.804 | 1.791 | 1.855 | 1.926 | 1.999 |
| 167841.153909066 | 167841.15 | 3909066.14 | FENCEGRD | 3.477 | 3.782 | 4.157 | 4.527 | 2.282 | 0.889 | 1.981 | 2.049 | 2.124 | 2.198 |
| 167852.63909044. | 167852.60 | 3909044.38 | FENCEGRD | 4.119 | 4.486 | 4.925 | 5.332 | 2.197 | 0.988 | 2.145 | 2.211 | 2.283 | 2.350 |
| 167864.053909022 | 167864.05 | 3909022.62 | FENCEGRD | 4.600 | 5.003 | 5.472 | 5.883 | 2.110 | 1.121 | 2.302 | 2.361 | 2.426 | 2.483 |
| 167875.53909000. | 167875.50 | 3909000.85 | FENCEGRD | 4.356 | 4.726 | 5.160 | 5.535 | 2.044 | 1.291 | 2.454 | 2.508 | 2.566 | 2.617 |
| 167886.943908979 | 167886.94 | 3908979.09 | FENCEGRD | 3.360 | 3.621 | 3.935 | 4.212 | 1.943 | 1.396 | 2.461 | 2.509 | 2.560 | 2.604 |
| 167898.393908957 | 167898.39 | 3908957.33 | FENCEGRD | 3.148 | 3.353 | 3.600 | 3.815 | 1.816 | 1.458 | 2.373 | 2.412 | 2.452 | 2.486 |
| 167909.843908935 | 167909.84 | 3908935.57 | FENCEGRD | 3.156 | 3.328 | 3.534 | 3.710 | 1.702 | 1.525 | 2.281 | 2.310 | 2.340 | 2.364 |
| 167921.293908913 | 167921.29 | 3908913.81 | FENCEGRD | 3.525 | 3.681 | 3.862 | 4.009 | 1.612 | 1.622 | 2.207 | 2.226 | 2.244 | 2.256 |
| 167716.123909381 | 167716.12 | 3909381.50 | FENCEGRD | 0.235 | 0.249 | 0.271 | 0.294 | 0.641 | 0.313 | 0.363 | 0.369 | 0.373 | 0.380 |
| 167675.223909399 | 167675.22 | 3909399.88 | FENCEGRD | 0.530 | 0.575 | 0.636 | 0.693 | 0.706 | 0.365 | 0.391 | 0.403 | 0.417 | 0.432 |
| 167634.323909418 | 167634.32 | 3909418.25 | FENCEGRD | 1.009 | 1.052 | 1.095 | 1.128 | 0.588 | 0.408 | 0.476 | 0.489 | 0.504 | 0.518 |
| 167593.413909436 | 167593.41 | 3909436.62 | FENCEGRD | 1.070 | 1.095 | 1.127 | 1.160 | 0.534 | 0.444 | 0.534 | 0.540 | 0.548 | 0.555 |
| 167552.513909454 | 167552.51 | 3909454.99 | FENCEGRD | 1.160 | 1.210 | 1.275 | 1.336 | 0.664 | 0.483 | 0.566 | 0.579 | 0.594 | 0.610 |
| 167387.213909314 | 167387.21 | 3909314.50 | FENCEGRD | 3.875 | 3.925 | 3.952 | 3.962 | 1.378 | 1.433 | 2.200 | 2.203 | 2.206 | 2.199 |
| 167373.393909296 | 167373.39 | 3909296.85 | FENCEGRD | 4.161 | 4.156 | 4.120 | 4.075 | 1.045 | 1.531 | 2.192 | 2.172 | 2.151 | 2.124 |
| 167748.023909350 | 167748.02 | 3909350.56 | FENCEGRD | 0.270 | 0.279 | 0.293 | 0.309 | 0.718 | 0.327 | 0.434 | 0.440 | 0.445 | 0.450 |
| 167759.473909328 | 167759.47 | 3909328.79 | FENCEGRD | 0.307 | 0.315 | 0.327 | 0.340 | 0.817 | 0.342 | 0.475 | 0.483 | 0.490 | 0.497 |
| 167770.923909307 | 167770.92 | 3909307.03 | FENCEGRD | 0.375 | 0.389 | 0.408 | 0.427 | 0.942 | 0.360 | 0.511 | 0.521 | 0.531 | 0.541 |
| 167782.363909285 | 167782.36 | 3909285.27 | FENCEGRD | 0.562 | 0.592 | 0.633 | 0.673 | 1.090 | 0.387 | 0.552 | 0.563 | 0.574 | 0.584 |
| 167793.813909263 | 167793.81 | 3909263.51 | FENCEGRD | 0.782 | 0.826 | 0.884 | 0.940 | 1.230 | 0.405 | 0.582 | 0.592 | 0.603 | 0.614 |
| 167805.263909241 | 167805.26 | 3909241.75 | FENCEGRD | 0.976 | 1.027 | 1.089 | 1.148 | 1.368 | 0.419 | 0.608 | 0.619 | 0.630 | 0.641 |
| 167816.713909219 | 167816.71 | 3909219.99 | FENCEGRD | 1.063 | 1.117 | 1.184 | 1.245 | 1.521 | 0.439 | 0.659 | 0.672 | 0.685 | 0.698 |
| 167828.163909198 | 167828.16 | 3909198.23 | FENCEGRD | 1.114 | 1.174 | 1.246 | 1.314 | 1.665 | 0.468 | 0.741 | 0.758 | 0.774 | 0.792 |
| 167839.613909176 | 167839.61 | 3909176.46 | FENCEGRD | 1.212 | 1.276 | 1.354 | 1.426 | 1.783 | 0.501 | 0.846 | 0.867 | 0.889 | 0.912 |
| 167851.063909154 | 167851.06 | 3909154.70 | FENCEGRD | 1.328 | 1.405 | 1.498 | 1.590 | 1.869 | 0.537 | 0.962 | 0.989 | 1.017 | 1.047 |
| 167862.53909132. | 167862.50 | 3909132.94 | FENCEGRD | 1.543 | 1.648 | 1.774 | 1.899 | 1.928 | 0.575 | 1.087 | 1.119 | 1.153 | 1.188 |
| 167873.953909111 | 167873.95 | 3909111.18 | FENCEGRD | 1.847 | 1.983 | 2.146 | 2.304 | 1.966 | 0.620 | 1.219 | 1.256 | 1.294 | 1.334 |
| 167885.43909089. | 167885.40 | 3909089.42 | FENCEGRD | 2.194 | 2.357 | 2.550 | 2.735 | 1.988 | 0.677 | 1.363 | 1.404 | 1.448 | 1.493 |
| 167896.853909067 | 167896.85 | 3909067.66 | FENCEGRD | 2.513 | 2.700 | 2.927 | 3.148 | 1.988 | 0.750 | 1.515 | 1.561 | 1.611 | 1.662 |
| 167908.33909045. | 167908.30 | 3909045.90 | FENCEGRD | 2.757 | 2.974 | 3.246 | 3.509 | 1.970 | 0.834 | 1.664 | 1.714 | 1.769 | 1.823 |
| 167919.753909024 | 167919.75 | 3909024.13 | FENCEGRD | 2.941 | 3.186 | 3.490 | 3.776 | 1.936 | 0.923 | 1.796 | 1.847 | 1.903 | 1.956 |
| 167931.193909002 | 167931.19 | 3909002.37 | FENCEGRD | 3.093 | 3.346 | 3.653 | 3.932 | 1.888 | 1.006 | 1.890 | 1.939 | 1.991 | 2.039 |
| 167942.643908980 | 167942.64 | 3908980.61 | FENCEGRD | 3.285 | 3.526 | 3.811 | 4.061 | 1.828 | 1.078 | 1.937 | 1.979 | 2.024 | 2.065 |
| 167954.093908958 | 167954.09 | 3908958.85 | FENCEGRD | 3.507 | 3.723 | 3.972 | 4.185 | 1.761 | 1.142 | 1.945 | 1.980 | 2.017 | 2.050 |
| 167965.543908937 | 167965.54 | 3908937.09 | FENCEGRD | 3.704 | 3.888 | 4.098 | 4.273 | 1.695 | 1.199 | 1.927 | 1.955 | 1.985 | 2.011 |
| 167759.193909405 | 167759.19 | 3909405.31 | FENCEGRD | 0.117 | 0.116 | 0.116 | 0.117 | 0.287 | 0.164 | 0.185 | 0.188 | 0.189 | 0.191 |
| 167737.563909415 | 167737.56 | 3909415.03 | FENCEGRD | 0.122 | 0.124 | 0.128 | 0.132 | 0.357 | 0.198 | 0.213 | 0.216 | 0.218 | 0.222 |
| 167715.933909424 | 167715.93 | 3909424.75 | FENCEGRD | 0.181 | 0.191 | 0.206 | 0.220 | 0.472 | 0.253 | 0.263 | 0.268 | 0.273 | 0.280 |
| 167694.33909434. | 167694.30 | 3909434.46 | FENCEGRD | 0.378 | 0.406 | 0.445 | 0.481 | 0.553 | 0.308 | 0.317 | 0.326 | 0.335 | 0.345 |
| 167672.673909444 | 167672.67 | 3909444.18 | FENCEGRD | 0.636 | 0.681 | 0.737 | 0.787 | 0.535 | 0.339 | 0.356 | 0.367 | 0.379 | 0.392 |
| 167651.043909453 | 167651.04 | 3909453.89 | FENCEGRD | 0.823 | 0.866 | 0.914 | 0.951 | 0.482 | 0.358 | 0.397 | 0.408 | 0.421 | 0.433 |
| 167629.413909463 | 167629.41 | 3909463.61 | FENCEGRD | 0.917 | 0.946 | 0.974 | 0.995 | 0.444 | 0.376 | 0.440 | 0.449 | 0.459 | 0.468 |
| 167607.783909473 | 167607.78 | 3909473.33 | FENCEGRD | 0.945 | 0.964 | 0.985 | 1.006 | 0.440 | 0.393 | 0.473 | 0.479 | 0.485 | 0.491 |
| 167586.143909483 | 167586.14 | 3909483.04 | FENCEGRD | 0.956 | 0.978 | 1.007 | 1.037 | 0.478 | 0.408 | 0.487 | 0.491 | 0.496 | 0.502 |
| 167564.513909492 | 167564.51 | 3909492.76 | FENCEGRD | 0.986 | 1.018 | 1.061 | 1.103 | 0.550 | 0.423 | 0.494 | 0.501 | 0.509 | 0.518 |
| 167542.883909502 | 167542.88 | 3909502.47 | FENCEGRD | 1.055 | 1.099 | 1.155 | 1.207 | 0.617 | 0.447 | 0.519 | 0.530 | 0.542 | 0.555 |
| 167521.253909512 | 167521.25 | 3909512.19 | FENCEGRD | 1.168 | 1.222 | 1.289 | 1.352 | 0.682 | 0.484 | 0.573 | 0.588 | 0.604 | 0.619 |
| 167411.913909409 | 167411.91 | 3909409.89 | FENCEGRD | 2.605 | 2.643 | 2.678 | 2.711 | 2.383 | 0.994 | 1.365 | 1.383 | 1.403 | 1.423 |
| 167397.293909391 | 167397.29 | 3909391.22 | FENCEGRD | 2.808 | 2.857 | 2.906 | 2.952 | 2.381 | 1.073 | 1.535 | 1.558 | 1.585 | 1.610 |
| 167382.673909372 | 167382.67 | 3909372.55 | FENCEGRD | 3.081 | 3.142 | 3.202 | 3.253 | 2.170 | 1.171 | 1.751 | 1.777 | 1.805 | 1.829 |
| 167368.053909353 | 167368.05 | 3909353.88 | FENCEGRD | 3.404 | 3.464 | 3.512 | 3.547 | 1.839 | 1.277 | 1.946 | 1.964 | 1.982 | 1.994 |
| 167353.433909335 | 167353.43 | 3909335.21 | FENCEGRD | 3.732 | 3.763 | 3.771 | 3.768 | 1.490 | 1.384 | 2.057 | 2.058 | 2.057 | 2.051 |
| 167338.813909316 | 167338.81 | 3909316.54 | FENCEGRD | 3.948 | 3.931 | 3.886 | 3.839 | 1.173 | 1.469 | 2.041 | 2.024 | 2.006 | 1.984 |
| 167324.193909297 | 167324.19 | 3909297.87 | FENCEGRD | 3.952 | 3.891 | 3.804 | 3.723 | 0.903 | 1.510 | 1.903 | 1.874 | 1.845 | 1.815 |
| 167780.823909395 | 167780.82 | 3909395.60 | FENCEGRD | 0.124 | 0.122 | 0.120 | 0.119 | 0.248 | 0.142 | 0.168 | 0.171 | 0.172 | 0.174 |
| 167792.273909373 | 167792.27 | 3909373.84 | FENCEGRD | 0.137 | 0.135 | 0.132 | 0.130 | 0.281 | 0.150 | 0.188 | 0.191 | 0.193 | 0.196 |
| 167803.723909352 | 167803.72 | 3909352.07 | FENCEGRD | 0.148 | 0.147 | 0.145 | 0.144 | 0.331 | 0.163 | 0.212 | 0.217 | 0.220 | 0.225 |
| 167815.173909330 | 167815.17 | 3909330.31 | FENCEGRD | 0.153 | 0.154 | 0.154 | 0.155 | 0.444 | 0.198 | 0.268 | 0.274 | 0.279 | 0.285 |
| 167826.613909308 | 167826.61 | 3909308.55 | FENCEGRD | 0.189 | 0.193 | 0.198 | 0.203 | 0.630 | 0.256 | 0.360 | 0.368 | 0.375 | 0.382 |
| 167838.063909286 | 167838.06 | 3909286.79 | FENCEGRD | 0.297 | 0.308 | 0.324 | 0.340 | 0.797 | 0.305 | 0.439 | 0.447 | 0.455 | 0.464 |
| 167849.513909265 | 167849.51 | 3909265.03 | FENCEGRD | 0.470 | 0.493 | 0.522 | 0.552 | 0.934 | 0.339 | 0.490 | 0.499 | 0.508 | 0.517 |
| 167860.963909243 | 167860.96 | 3909243.27 | FENCEGRD | 0.558 | 0.586 | 0.622 | 0.658 | 1.050 | 0.359 | 0.523 | 0.532 | 0.542 | 0.552 |
| 167872.413909221 | 167872.41 | 3909221.51 | FENCEGRD | 0.548 | 0.576 | 0.613 | 0.649 | 1.163 | 0.376 | 0.564 | 0.576 | 0.587 | 0.599 |
| 167883.863909195 | 167883.86 | 3909199.74 | FENCEGRD | 0.581 | 0.612 | 0.652 | 0.692 | 1.274 | 0.400 | 0.624 | 0.638 | 0.652 | 0.667 |
| 167895.313909177 | 167895.31 | 3909177.98 | FENCEGRD | 0.669 | 0.705 | 0.752 | 0.799 | 1.381 | 0.433 | 0.704 | 0.722 | 0.740 | 0.759 |
| 167906.753909156 | 167906.75 | 3909156.22 | FENCEGRD | 0.822 | 0.873 | 0.939 | 1.006 | 1.474 | 0.471 | 0.799 | 0.820 | 0.842 | 0.865 |
| 167918.23909134. | 167918.20 | 3909134.46 | FENCEGRD | 1.023 | 1.094 | 1.183 | 1.271 | 1.551 | 0.510 | 0.896 | 0.920 | 0.945 | 0.971 |
| 167929.653909112 | 167929.65 | 3909112.70 | FENCEGRD | 1.243 | 1.333 | 1.446 | 1.557 | 1.613 | 0.551 | 0.993 | 1.020 | 1.048 | 1.077 |
| 167941.13909090. | 167941.10 | 3909090.94 | FENCEGRD | 1.515 | 1.624 | 1.758 | 1.886 | 1.654 | 0.596 | 1.089 | 1.118 | 1.148 | 1.178 |
| 167952.553909069 | 167952.55 | 3909069.17 | FENCEGRD | 1.754 | 1.873 | 2.017 | 2.154 | 1.679 | 0.645 | 1.186 | 1.217 | 1.250 | 1.284 |
| 1679643909047.41 | 167964.00 | 3909047.41 | FENCEGRD | 1.968 | 2.096 | 2.255 | 2.408 | 1.688 | 0.696 | 1.282 | 1.316 | 1.353 | 1.391 |
| 167975.443909025 | 167975.44 | 3909025.65 | FENCEGRD | 2.156 | 2.301 | 2.482 | 2.656 | 1.684 | 0.749 | 1.377 | | | |

AERMOD Output Concentrations with Unitized Emission Rate

| XY | X | Y | REC TYPE | AERMOD Concentrations (µg/m ³) at 1 g/s | | | | | | | | | |
|------------------|-----------|------------|----------|---|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167656.353909494 | 167656.35 | 3909494.66 | FENCEGRD | 0.724 | 0.760 | 0.800 | 0.832 | 0.397 | 0.327 | 0.360 | 0.369 | 0.380 | 0.390 |
| 167635.263909504 | 167635.26 | 3909504.14 | FENCEGRD | 0.798 | 0.824 | 0.851 | 0.871 | 0.382 | 0.343 | 0.401 | 0.409 | 0.418 | 0.426 |
| 167614.173909513 | 167614.17 | 3909513.61 | FENCEGRD | 0.830 | 0.848 | 0.866 | 0.882 | 0.390 | 0.357 | 0.432 | 0.437 | 0.443 | 0.448 |
| 167593.083909523 | 167593.08 | 3909523.08 | FENCEGRD | 0.842 | 0.858 | 0.879 | 0.899 | 0.431 | 0.369 | 0.445 | 0.448 | 0.452 | 0.456 |
| 167571.993909532 | 167571.99 | 3909532.55 | FENCEGRD | 0.864 | 0.886 | 0.915 | 0.945 | 0.487 | 0.380 | 0.446 | 0.451 | 0.456 | 0.461 |
| 167550.93909542. | 167550.90 | 3909542.03 | FENCEGRD | 0.911 | 0.943 | 0.984 | 1.023 | 0.537 | 0.398 | 0.458 | 0.465 | 0.474 | 0.482 |
| 167529.813909551 | 167529.81 | 3909551.50 | FENCEGRD | 0.990 | 1.033 | 1.083 | 1.130 | 0.580 | 0.425 | 0.492 | 0.502 | 0.514 | 0.525 |
| 167508.723909560 | 167508.72 | 3909560.97 | FENCEGRD | 1.104 | 1.153 | 1.214 | 1.270 | 0.651 | 0.465 | 0.551 | 0.564 | 0.578 | 0.593 |
| 167416.363909479 | 167416.36 | 3909479.43 | FENCEGRD | 2.112 | 2.147 | 2.176 | 2.198 | 1.537 | 0.815 | 1.080 | 1.091 | 1.106 | 1.118 |
| 167402.113909461 | 167402.11 | 3909461.23 | FENCEGRD | 2.249 | 2.280 | 2.305 | 2.326 | 1.795 | 0.880 | 1.162 | 1.174 | 1.188 | 1.200 |
| 167387.863909443 | 167387.86 | 3909443.03 | FENCEGRD | 2.400 | 2.431 | 2.459 | 2.485 | 2.063 | 0.938 | 1.263 | 1.276 | 1.292 | 1.307 |
| 167373.63909424. | 167373.60 | 3909424.82 | FENCEGRD | 2.583 | 2.621 | 2.659 | 2.694 | 2.214 | 1.007 | 1.399 | 1.417 | 1.437 | 1.457 |
| 167359.353909406 | 167359.35 | 3909406.62 | FENCEGRD | 2.772 | 2.821 | 2.870 | 2.914 | 2.172 | 1.074 | 1.552 | 1.574 | 1.597 | 1.619 |
| 167345.093909388 | 167345.09 | 3909388.42 | FENCEGRD | 2.999 | 3.054 | 3.103 | 3.143 | 1.993 | 1.150 | 1.710 | 1.730 | 1.750 | 1.767 |
| 167330.843909370 | 167330.84 | 3909370.21 | FENCEGRD | 3.247 | 3.291 | 3.322 | 3.343 | 1.739 | 1.232 | 1.830 | 1.841 | 1.851 | 1.857 |
| 167316.593909352 | 167316.59 | 3909352.01 | FENCEGRD | 3.446 | 3.464 | 3.462 | 3.454 | 1.460 | 1.303 | 1.872 | 1.870 | 1.867 | 1.860 |
| 167302.333909333 | 167302.33 | 3909333.81 | FENCEGRD | 3.578 | 3.559 | 3.519 | 3.478 | 1.202 | 1.369 | 1.843 | 1.828 | 1.813 | 1.796 |
| 167288.083909315 | 167288.08 | 3909315.61 | FENCEGRD | 3.580 | 3.527 | 3.455 | 3.389 | 0.973 | 1.408 | 1.742 | 1.719 | 1.696 | 1.672 |
| 167273.823909297 | 167273.82 | 3909297.40 | FENCEGRD | 3.463 | 3.386 | 3.292 | 3.210 | 0.781 | 1.420 | 1.596 | 1.569 | 1.543 | 1.517 |
| 167825.073909418 | 167825.07 | 3909418.88 | FENCEGRD | 0.135 | 0.133 | 0.131 | 0.129 | 0.101 | 0.068 | 0.079 | 0.080 | 0.080 | 0.080 |
| 167836.523909397 | 167836.52 | 3909397.12 | FENCEGRD | 0.145 | 0.144 | 0.143 | 0.142 | 0.108 | 0.070 | 0.083 | 0.084 | 0.084 | 0.085 |
| 167847.973909375 | 167847.97 | 3909375.35 | FENCEGRD | 0.147 | 0.147 | 0.147 | 0.147 | 0.121 | 0.074 | 0.090 | 0.091 | 0.092 | 0.092 |
| 167859.423909353 | 167859.42 | 3909353.59 | FENCEGRD | 0.142 | 0.143 | 0.143 | 0.144 | 0.162 | 0.088 | 0.112 | 0.113 | 0.115 | 0.116 |
| 167870.863909331 | 167870.86 | 3909331.83 | FENCEGRD | 0.139 | 0.139 | 0.140 | 0.140 | 0.275 | 0.129 | 0.174 | 0.177 | 0.180 | 0.183 |
| 167882.313909310 | 167882.31 | 3909310.07 | FENCEGRD | 0.150 | 0.151 | 0.153 | 0.154 | 0.427 | 0.183 | 0.257 | 0.262 | 0.267 | 0.272 |
| 167893.763909288 | 167893.76 | 3909288.31 | FENCEGRD | 0.182 | 0.184 | 0.187 | 0.191 | 0.533 | 0.215 | 0.306 | 0.312 | 0.317 | 0.323 |
| 167905.213909266 | 167905.21 | 3909266.55 | FENCEGRD | 0.189 | 0.192 | 0.195 | 0.199 | 0.583 | 0.219 | 0.312 | 0.318 | 0.324 | 0.330 |
| 167916.663909244 | 167916.66 | 3909244.78 | FENCEGRD | 0.192 | 0.194 | 0.197 | 0.201 | 0.639 | 0.226 | 0.325 | 0.332 | 0.338 | 0.345 |
| 167928.113909223 | 167928.11 | 3909223.02 | FENCEGRD | 0.225 | 0.229 | 0.236 | 0.242 | 0.753 | 0.258 | 0.380 | 0.388 | 0.396 | 0.404 |
| 167939.563909201 | 167939.56 | 3909201.26 | FENCEGRD | 0.296 | 0.305 | 0.318 | 0.331 | 0.890 | 0.304 | 0.457 | 0.468 | 0.478 | 0.489 |
| 1679513909179.5 | 167951.00 | 3909179.50 | FENCEGRD | 0.389 | 0.405 | 0.427 | 0.449 | 1.011 | 0.349 | 0.542 | 0.555 | 0.568 | 0.582 |
| 167962.453909157 | 167962.45 | 3909157.74 | FENCEGRD | 0.506 | 0.533 | 0.569 | 0.605 | 1.113 | 0.392 | 0.630 | 0.646 | 0.662 | 0.679 |
| 167973.93909135. | 167973.90 | 3909135.98 | FENCEGRD | 0.658 | 0.698 | 0.749 | 0.799 | 1.201 | 0.433 | 0.715 | 0.733 | 0.752 | 0.771 |
| 167985.353909114 | 167985.35 | 3909114.22 | FENCEGRD | 0.819 | 0.872 | 0.939 | 1.005 | 1.273 | 0.471 | 0.793 | 0.813 | 0.833 | 0.854 |
| 167996.83909092. | 167996.80 | 3909092.45 | FENCEGRD | 1.035 | 1.104 | 1.189 | 1.272 | 1.335 | 0.510 | 0.869 | 0.890 | 0.911 | 0.933 |
| 168008.253909070 | 168008.25 | 3909070.69 | FENCEGRD | 1.282 | 1.362 | 1.459 | 1.550 | 1.383 | 0.547 | 0.942 | 0.963 | 0.986 | 1.009 |
| 168019.693909048 | 168019.69 | 3909048.93 | FENCEGRD | 1.501 | 1.586 | 1.690 | 1.788 | 1.417 | 0.585 | 1.013 | 1.036 | 1.061 | 1.086 |
| 168031.143909027 | 168031.14 | 3909027.17 | FENCEGRD | 1.688 | 1.782 | 1.897 | 2.006 | 1.440 | 0.624 | 1.085 | 1.111 | 1.138 | 1.165 |
| 168042.593909005 | 168042.59 | 3909005.41 | FENCEGRD | 1.874 | 1.981 | 2.112 | 2.235 | 1.456 | 0.666 | 1.159 | 1.186 | 1.215 | 1.244 |
| 168054.043908983 | 168054.04 | 3908983.65 | FENCEGRD | 2.078 | 2.197 | 2.340 | 2.473 | 1.470 | 0.710 | 1.232 | 1.260 | 1.289 | 1.318 |
| 167892.153909475 | 167892.15 | 3909475.06 | FENCEGRD | 0.136 | 0.136 | 0.135 | 0.135 | 0.078 | 0.054 | 0.066 | 0.067 | 0.067 | 0.067 |
| 167870.723909484 | 167870.72 | 3909484.68 | FENCEGRD | 0.128 | 0.127 | 0.125 | 0.124 | 0.078 | 0.055 | 0.066 | 0.066 | 0.066 | 0.067 |
| 167849.33909494. | 167849.30 | 3909494.31 | FENCEGRD | 0.117 | 0.116 | 0.115 | 0.114 | 0.078 | 0.057 | 0.065 | 0.065 | 0.065 | 0.065 |
| 167827.873909503 | 167827.87 | 3909503.93 | FENCEGRD | 0.108 | 0.108 | 0.107 | 0.107 | 0.081 | 0.060 | 0.063 | 0.063 | 0.063 | 0.063 |
| 167806.453909513 | 167806.45 | 3909513.55 | FENCEGRD | 0.104 | 0.104 | 0.104 | 0.104 | 0.091 | 0.069 | 0.066 | 0.066 | 0.066 | 0.067 |
| 167785.023909523 | 167785.02 | 3909523.18 | FENCEGRD | 0.103 | 0.104 | 0.105 | 0.107 | 0.127 | 0.093 | 0.084 | 0.085 | 0.086 | 0.086 |
| 167763.63909532. | 167763.60 | 3909532.80 | FENCEGRD | 0.112 | 0.115 | 0.119 | 0.123 | 0.194 | 0.134 | 0.121 | 0.123 | 0.125 | 0.127 |
| 167742.173909542 | 167742.17 | 3909542.42 | FENCEGRD | 0.160 | 0.167 | 0.177 | 0.186 | 0.265 | 0.180 | 0.167 | 0.171 | 0.175 | 0.178 |
| 167720.753909552 | 167720.75 | 3909552.05 | FENCEGRD | 0.246 | 0.260 | 0.278 | 0.295 | 0.302 | 0.217 | 0.209 | 0.214 | 0.220 | 0.225 |
| 167699.323909561 | 167699.32 | 3909561.67 | FENCEGRD | 0.338 | 0.358 | 0.383 | 0.407 | 0.307 | 0.242 | 0.245 | 0.252 | 0.259 | 0.266 |
| 167677.93909571. | 167677.90 | 3909571.29 | FENCEGRD | 0.420 | 0.444 | 0.474 | 0.500 | 0.301 | 0.261 | 0.281 | 0.288 | 0.296 | 0.304 |
| 167656.483909580 | 167656.48 | 3909580.92 | FENCEGRD | 0.501 | 0.525 | 0.552 | 0.575 | 0.303 | 0.278 | 0.319 | 0.326 | 0.334 | 0.342 |
| 167635.053909590 | 167635.05 | 3909590.54 | FENCEGRD | 0.597 | 0.615 | 0.634 | 0.650 | 0.321 | 0.293 | 0.353 | 0.359 | 0.365 | 0.371 |
| 167613.633909600 | 167613.63 | 3909600.17 | FENCEGRD | 0.652 | 0.663 | 0.676 | 0.687 | 0.350 | 0.305 | 0.372 | 0.376 | 0.380 | 0.383 |
| 167592.23909609. | 167592.20 | 3909609.79 | FENCEGRD | 0.682 | 0.693 | 0.707 | 0.721 | 0.387 | 0.314 | 0.377 | 0.380 | 0.382 | 0.384 |
| 167570.783909619 | 167570.78 | 3909619.41 | FENCEGRD | 0.719 | 0.735 | 0.755 | 0.776 | 0.426 | 0.328 | 0.382 | 0.385 | 0.388 | 0.392 |
| 167549.353909629 | 167549.35 | 3909629.04 | FENCEGRD | 0.775 | 0.798 | 0.829 | 0.858 | 0.467 | 0.348 | 0.399 | 0.404 | 0.410 | 0.416 |
| 167527.933909638 | 167527.93 | 3909638.66 | FENCEGRD | 0.852 | 0.883 | 0.921 | 0.958 | 0.515 | 0.377 | 0.435 | 0.443 | 0.451 | 0.459 |
| 1675183909600.16 | 167518.00 | 3909600.16 | FENCEGRD | 0.958 | 0.997 | 1.045 | 1.090 | 0.568 | 0.415 | 0.482 | 0.492 | 0.503 | 0.514 |
| 167385.293909619 | 167385.29 | 3909619.12 | FENCEGRD | 1.337 | 1.359 | 1.380 | 1.397 | 0.866 | 0.586 | 0.716 | 0.723 | 0.731 | 0.738 |
| 167391.253909575 | 167391.25 | 3909575.07 | FENCEGRD | 1.568 | 1.594 | 1.618 | 1.638 | 1.038 | 0.663 | 0.830 | 0.838 | 0.848 | 0.857 |
| 167376.773909556 | 167376.77 | 3909556.58 | FENCEGRD | 1.707 | 1.733 | 1.754 | 1.771 | 1.173 | 0.716 | 0.909 | 0.918 | 0.928 | 0.936 |
| 167362.293909538 | 167362.29 | 3909538.09 | FENCEGRD | 1.831 | 1.853 | 1.871 | 1.885 | 1.311 | 0.763 | 0.980 | 0.988 | 0.997 | 1.005 |
| 167347.813909519 | 167347.81 | 3909519.59 | FENCEGRD | 1.941 | 1.961 | 1.978 | 1.993 | 1.477 | 0.806 | 1.045 | 1.053 | 1.063 | 1.071 |
| 167333.333909501 | 167333.33 | 3909501.10 | FENCEGRD | 2.052 | 2.075 | 2.095 | 2.115 | 1.664 | 0.849 | 1.119 | 1.128 | 1.140 | 1.151 |
| 167318.853909482 | 167318.85 | 3909482.61 | FENCEGRD | 2.181 | 2.210 | 2.238 | 2.265 | 1.822 | 0.896 | 1.213 | 1.226 | 1.240 | 1.255 |
| 167304.373909464 | 167304.37 | 3909464.12 | FENCEGRD | 2.340 | 2.376 | 2.412 | 2.444 | 1.901 | 0.952 | 1.330 | 1.346 | 1.363 | 1.379 |
| 167289.893909445 | 167289.89 | 3909445.63 | FENCEGRD | 2.526 | 2.566 | 2.602 | 2.633 | 1.882 | 1.016 | 1.456 | 1.472 | 1.488 | 1.502 |
| 167275.413909427 | 167275.41 | 3909427.14 | FENCEGRD | 2.717 | 2.752 | 2.780 | 2.801 | 1.779 | 1.082 | 1.564 | 1.575 | 1.586 | 1.595 |
| 167260.933909408 | 167260.93 | 3909408.64 | FENCEGRD | 2.877 | 2.899 | 2.909 | 2.913 | 1.622 | 1.143 | 1.626 | 1.630 | 1.634 | 1.634 |
| 167246.453909390 | 167246.45 | 3909390.15 | FENCEGRD | 2.981 | 2.982 | 2.970 | 2.956 | 1.438 | 1.193 | 1.634 | 1.630 | 1.626 | 1.619 |
| 167231.973909371 | 167231.97 | 3909371.66 | FENCEGRD | 3.038 | 3.017 | 2.982 | 2.948 | 1.254 | 1.238 | 1.603 | 1.592 | 1.581 | 1.568 |
| 167217.493909353 | 167217.49 | 3909353.17 | FENCEGRD | 3.020 | 2.979 | 2.924 | 2.876 | 1.076 | 1.267 | 1.532 | 1.516 | 1.500 | 1.483 |
| 167203.013909334 | 167203.01 | 3909334.68 | FENCEGRD | 2.936 | 2.880 | 2.811 | 2.752 | 0.912 | 1.277 | 1.434 | | | |

AERMOD Output Concentrations with Unitized Emission Rate

| | | | | AERMOD Concentrations (µg/m ³) at 1 g/s | | | | | | | | | |
|------------------|-----------|------------|----------|---|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.163909291 | 168005.16 | 3909291.34 | FENCEGRD | 0.154 | 0.155 | 0.156 | 0.157 | 0.240 | 0.112 | 0.146 | 0.148 | 0.150 | 0.152 |
| 168016.613909269 | 168016.61 | 3909269.58 | FENCEGRD | 0.166 | 0.168 | 0.170 | 0.173 | 0.346 | 0.152 | 0.202 | 0.205 | 0.208 | 0.211 |
| 168028.063909247 | 168028.06 | 3909247.82 | FENCEGRD | 0.204 | 0.208 | 0.214 | 0.219 | 0.450 | 0.195 | 0.259 | 0.264 | 0.268 | 0.272 |
| 168039.53909226. | 168039.50 | 3909226.06 | FENCEGRD | 0.256 | 0.263 | 0.272 | 0.280 | 0.535 | 0.230 | 0.308 | 0.314 | 0.319 | 0.324 |
| 168050.953909204 | 168050.95 | 3909204.30 | FENCEGRD | 0.313 | 0.323 | 0.336 | 0.349 | 0.610 | 0.261 | 0.357 | 0.364 | 0.370 | 0.377 |
| 168062.43909182. | 168062.40 | 3909182.54 | FENCEGRD | 0.386 | 0.401 | 0.421 | 0.441 | 0.679 | 0.292 | 0.410 | 0.418 | 0.426 | 0.434 |
| 168073.853909160 | 168073.85 | 3909160.77 | FENCEGRD | 0.478 | 0.500 | 0.527 | 0.554 | 0.739 | 0.319 | 0.465 | 0.474 | 0.483 | 0.493 |
| 168085.33909139. | 168085.30 | 3909139.01 | FENCEGRD | 0.588 | 0.616 | 0.651 | 0.685 | 0.795 | 0.345 | 0.519 | 0.529 | 0.539 | 0.550 |
| 168096.753909117 | 168096.75 | 3909117.25 | FENCEGRD | 0.707 | 0.741 | 0.784 | 0.824 | 0.849 | 0.369 | 0.569 | 0.580 | 0.591 | 0.602 |
| 168108.193909095 | 168108.19 | 3909095.49 | FENCEGRD | 0.839 | 0.881 | 0.931 | 0.979 | 0.903 | 0.392 | 0.615 | 0.627 | 0.639 | 0.650 |
| 168119.643909073 | 168119.64 | 3909073.73 | FENCEGRD | 0.970 | 1.018 | 1.074 | 1.125 | 0.955 | 0.416 | 0.659 | 0.671 | 0.683 | 0.695 |
| 168131.093909051 | 168131.09 | 3909051.97 | FENCEGRD | 1.095 | 1.145 | 1.203 | 1.257 | 1.005 | 0.441 | 0.703 | 0.715 | 0.728 | 0.740 |
| 168142.543909030 | 168142.54 | 3909030.21 | FENCEGRD | 1.203 | 1.255 | 1.316 | 1.372 | 1.052 | 0.468 | 0.748 | 0.761 | 0.775 | 0.789 |
| 167980.443909521 | 167980.44 | 3909521.71 | FENCEGRD | 0.128 | 0.129 | 0.131 | 0.131 | 0.071 | 0.049 | 0.061 | 0.061 | 0.062 | 0.062 |
| 167958.813909531 | 167958.81 | 3909531.43 | FENCEGRD | 0.129 | 0.130 | 0.130 | 0.131 | 0.069 | 0.049 | 0.061 | 0.061 | 0.061 | 0.062 |
| 167937.183909541 | 167937.18 | 3909541.14 | FENCEGRD | 0.126 | 0.126 | 0.125 | 0.125 | 0.069 | 0.049 | 0.061 | 0.061 | 0.061 | 0.061 |
| 167915.553909550 | 167915.55 | 3909550.86 | FENCEGRD | 0.118 | 0.118 | 0.117 | 0.116 | 0.068 | 0.049 | 0.060 | 0.060 | 0.060 | 0.060 |
| 167893.923909560 | 167893.92 | 3909560.58 | FENCEGRD | 0.109 | 0.109 | 0.108 | 0.107 | 0.069 | 0.050 | 0.059 | 0.059 | 0.059 | 0.059 |
| 167872.293909570 | 167872.29 | 3909570.29 | FENCEGRD | 0.102 | 0.102 | 0.101 | 0.101 | 0.071 | 0.053 | 0.058 | 0.058 | 0.058 | 0.058 |
| 167850.663909580 | 167850.66 | 3909580.01 | FENCEGRD | 0.097 | 0.097 | 0.097 | 0.097 | 0.082 | 0.062 | 0.062 | 0.062 | 0.062 | 0.062 |
| 167829.033909589 | 167829.03 | 3909589.72 | FENCEGRD | 0.096 | 0.096 | 0.097 | 0.098 | 0.111 | 0.081 | 0.076 | 0.077 | 0.077 | 0.078 |
| 167807.393909599 | 167807.39 | 3909599.44 | FENCEGRD | 0.103 | 0.105 | 0.107 | 0.110 | 0.156 | 0.110 | 0.102 | 0.103 | 0.104 | 0.105 |
| 167785.763909609 | 167785.76 | 3909609.16 | FENCEGRD | 0.137 | 0.141 | 0.148 | 0.154 | 0.206 | 0.145 | 0.134 | 0.136 | 0.138 | 0.140 |
| 167764.133909618 | 167764.13 | 3909618.87 | FENCEGRD | 0.205 | 0.214 | 0.227 | 0.238 | 0.239 | 0.177 | 0.165 | 0.168 | 0.171 | 0.174 |
| 167742.53909628. | 167742.50 | 3909628.59 | FENCEGRD | 0.286 | 0.299 | 0.316 | 0.332 | 0.243 | 0.201 | 0.190 | 0.194 | 0.198 | 0.202 |
| 167720.873909638 | 167720.87 | 3909638.30 | FENCEGRD | 0.360 | 0.376 | 0.398 | 0.417 | 0.235 | 0.218 | 0.213 | 0.217 | 0.221 | 0.226 |
| 167699.243909648 | 167699.24 | 3909648.02 | FENCEGRD | 0.426 | 0.445 | 0.468 | 0.489 | 0.231 | 0.231 | 0.235 | 0.240 | 0.246 | 0.251 |
| 167677.613909657 | 167677.61 | 3909657.74 | FENCEGRD | 0.489 | 0.508 | 0.531 | 0.550 | 0.236 | 0.244 | 0.260 | 0.265 | 0.271 | 0.276 |
| 167655.983909667 | 167655.98 | 3909667.45 | FENCEGRD | 0.545 | 0.562 | 0.580 | 0.595 | 0.253 | 0.256 | 0.286 | 0.290 | 0.296 | 0.300 |
| 167634.353909677 | 167634.35 | 3909677.17 | FENCEGRD | 0.590 | 0.604 | 0.618 | 0.630 | 0.281 | 0.268 | 0.310 | 0.314 | 0.318 | 0.321 |
| 167612.723909686 | 167612.72 | 3909686.88 | FENCEGRD | 0.618 | 0.628 | 0.641 | 0.652 | 0.319 | 0.280 | 0.329 | 0.332 | 0.335 | 0.337 |
| 167591.093909696 | 167591.09 | 3909696.60 | FENCEGRD | 0.646 | 0.658 | 0.673 | 0.687 | 0.364 | 0.293 | 0.345 | 0.347 | 0.350 | 0.353 |
| 167569.463909706 | 167569.46 | 3909706.32 | FENCEGRD | 0.689 | 0.705 | 0.725 | 0.746 | 0.416 | 0.313 | 0.365 | 0.369 | 0.372 | 0.376 |
| 167547.833909716 | 167547.83 | 3909716.03 | FENCEGRD | 0.721 | 0.742 | 0.768 | 0.794 | 0.453 | 0.330 | 0.383 | 0.388 | 0.393 | 0.399 |
| 167482.943909745 | 167482.94 | 3909745.18 | FENCEGRD | 0.784 | 0.796 | 0.807 | 0.818 | 0.435 | 0.370 | 0.410 | 0.414 | 0.418 | 0.422 |
| 167461.313909754 | 167461.31 | 3909754.90 | FENCEGRD | 0.772 | 0.784 | 0.795 | 0.805 | 0.435 | 0.367 | 0.409 | 0.413 | 0.418 | 0.422 |
| 167425.063909745 | 167425.06 | 3909745.94 | FENCEGRD | 0.827 | 0.839 | 0.852 | 0.862 | 0.490 | 0.394 | 0.449 | 0.453 | 0.458 | 0.462 |
| 167410.443909727 | 167410.44 | 3909727.27 | FENCEGRD | 0.887 | 0.900 | 0.913 | 0.924 | 0.538 | 0.418 | 0.482 | 0.487 | 0.492 | 0.496 |
| 167395.823909708 | 167395.82 | 3909708.60 | FENCEGRD | 0.949 | 0.964 | 0.978 | 0.990 | 0.590 | 0.443 | 0.518 | 0.522 | 0.528 | 0.533 |
| 167381.23909689. | 167381.20 | 3909689.93 | FENCEGRD | 1.015 | 1.031 | 1.047 | 1.061 | 0.647 | 0.468 | 0.555 | 0.560 | 0.566 | 0.571 |
| 167366.583909671 | 167366.58 | 3909671.26 | FENCEGRD | 1.106 | 1.123 | 1.141 | 1.155 | 0.724 | 0.504 | 0.606 | 0.612 | 0.619 | 0.625 |
| 167351.963909652 | 167351.96 | 3909652.59 | FENCEGRD | 1.223 | 1.241 | 1.258 | 1.273 | 0.821 | 0.551 | 0.673 | 0.679 | 0.687 | 0.693 |
| 167337.343909633 | 167337.34 | 3909633.92 | FENCEGRD | 1.354 | 1.372 | 1.388 | 1.401 | 0.930 | 0.605 | 0.750 | 0.756 | 0.764 | 0.770 |
| 167322.723909615 | 167322.72 | 3909615.25 | FENCEGRD | 1.472 | 1.489 | 1.502 | 1.513 | 1.035 | 0.653 | 0.820 | 0.826 | 0.833 | 0.839 |
| 167308.13909596. | 167308.10 | 3909596.58 | FENCEGRD | 1.577 | 1.591 | 1.603 | 1.613 | 1.144 | 0.697 | 0.882 | 0.887 | 0.894 | 0.899 |
| 167293.483909577 | 167293.48 | 3909577.92 | FENCEGRD | 1.667 | 1.682 | 1.694 | 1.705 | 1.267 | 0.734 | 0.937 | 0.943 | 0.950 | 0.957 |
| 167278.863909559 | 167278.86 | 3909559.25 | FENCEGRD | 1.766 | 1.783 | 1.798 | 1.813 | 1.411 | 0.773 | 1.002 | 1.010 | 1.018 | 1.027 |
| 167264.243909540 | 167264.24 | 3909540.58 | FENCEGRD | 1.900 | 1.922 | 1.942 | 1.961 | 1.566 | 0.824 | 1.094 | 1.103 | 1.114 | 1.125 |
| 167249.623909521 | 167249.62 | 3909521.91 | FENCEGRD | 2.050 | 2.076 | 2.101 | 2.123 | 1.680 | 0.878 | 1.198 | 1.209 | 1.221 | 1.233 |
| 1672353909503.24 | 167235.00 | 3909503.24 | FENCEGRD | 2.205 | 2.234 | 2.259 | 2.281 | 1.725 | 0.934 | 1.302 | 1.313 | 1.326 | 1.337 |
| 167220.383909484 | 167220.38 | 3909484.57 | FENCEGRD | 2.369 | 2.395 | 2.415 | 2.431 | 1.707 | 0.995 | 1.400 | 1.409 | 1.419 | 1.427 |
| 167205.763909465 | 167205.76 | 3909465.90 | FENCEGRD | 2.505 | 2.522 | 2.531 | 2.536 | 1.629 | 1.049 | 1.465 | 1.471 | 1.476 | 1.479 |
| 167191.143909447 | 167191.14 | 3909447.23 | FENCEGRD | 2.608 | 2.613 | 2.607 | 2.599 | 1.516 | 1.098 | 1.497 | 1.497 | 1.497 | 1.495 |
| 167176.533909428 | 167176.53 | 3909428.56 | FENCEGRD | 2.670 | 2.660 | 2.637 | 2.616 | 1.387 | 1.139 | 1.495 | 1.490 | 1.484 | 1.477 |
| 167161.913909409 | 167161.91 | 3909409.89 | FENCEGRD | 2.683 | 2.658 | 2.621 | 2.588 | 1.251 | 1.170 | 1.461 | 1.452 | 1.442 | 1.431 |
| 167147.293909391 | 167147.29 | 3909391.22 | FENCEGRD | 2.653 | 2.615 | 2.566 | 2.523 | 1.116 | 1.188 | 1.404 | 1.391 | 1.378 | 1.364 |
| 167132.673909372 | 167132.67 | 3909372.55 | FENCEGRD | 2.569 | 2.522 | 2.465 | 2.417 | 0.982 | 1.188 | 1.324 | 1.309 | 1.295 | 1.280 |
| 167118.053909353 | 167118.05 | 3909353.88 | FENCEGRD | 2.454 | 2.401 | 2.339 | 2.287 | 0.857 | 1.174 | 1.235 | 1.219 | 1.204 | 1.188 |
| 167103.433909335 | 167103.43 | 3909335.21 | FENCEGRD | 2.316 | 2.261 | 2.197 | 2.144 | 0.742 | 1.149 | 1.142 | 1.126 | 1.110 | 1.095 |
| 167088.813909316 | 167088.81 | 3909316.54 | FENCEGRD | 2.163 | 2.106 | 2.043 | 1.990 | 0.638 | 1.114 | 1.048 | 1.033 | 1.018 | 1.004 |
| 167074.193909297 | 167074.19 | 3909297.87 | FENCEGRD | 2.002 | 1.946 | 1.886 | 1.835 | 0.546 | 1.072 | 0.958 | 0.943 | 0.930 | 0.916 |
| 168002.073909511 | 168002.07 | 3909511.99 | FENCEGRD | 0.124 | 0.126 | 0.127 | 0.128 | 0.071 | 0.050 | 0.060 | 0.061 | 0.061 | 0.061 |
| 168013.523909490 | 168013.52 | 3909490.23 | FENCEGRD | 0.122 | 0.123 | 0.125 | 0.126 | 0.071 | 0.050 | 0.060 | 0.061 | 0.061 | 0.061 |
| 168024.973909468 | 168024.97 | 3909468.47 | FENCEGRD | 0.121 | 0.122 | 0.123 | 0.124 | 0.072 | 0.051 | 0.062 | 0.062 | 0.062 | 0.063 |
| 168036.423909446 | 168036.42 | 3909446.71 | FENCEGRD | 0.119 | 0.120 | 0.121 | 0.122 | 0.074 | 0.053 | 0.064 | 0.065 | 0.065 | 0.065 |
| 168047.863909424 | 168047.86 | 3909424.95 | FENCEGRD | 0.119 | 0.120 | 0.121 | 0.122 | 0.079 | 0.055 | 0.068 | 0.069 | 0.069 | 0.069 |
| 168059.313909403 | 168059.31 | 3909403.19 | FENCEGRD | 0.124 | 0.125 | 0.126 | 0.126 | 0.091 | 0.061 | 0.075 | 0.076 | 0.076 | 0.077 |
| 168070.763909381 | 168070.76 | 3909381.43 | FENCEGRD | 0.132 | 0.133 | 0.134 | 0.135 | 0.114 | 0.073 | 0.090 | 0.091 | 0.092 | 0.092 |
| 168082.213909359 | 168082.21 | 3909359.66 | FENCEGRD | 0.139 | 0.140 | 0.141 | 0.142 | 0.146 | 0.089 | 0.110 | 0.111 | 0.113 | 0.114 |
| 168093.663909337 | 168093.66 | 3909337.90 | FENCEGRD | 0.142 | 0.144 | 0.145 | 0.147 | 0.179 | 0.105 | 0.130 | 0.132 | 0.133 | 0.135 |
| 168105.113909316 | 168105.11 | 3909316.14 | FENCEGRD | 0.158 | 0.160 | 0.163 | 0.165 | 0.237 | 0.134 | 0.166 | 0.169 | 0.171 | 0.173 |
| 168116.563909294 | 168116.56 | 3909294.38 | FENCEGRD | 0.199 | 0.204 | 0.210 | 0.215 | 0.309 | 0.169 | 0.210 | 0.213 | 0.216 | 0.219 |
| 1681283909272.62 | 168128.00 | 3909272.62 | FENCEGRD | 0.244 | 0.251 | 0.260 | 0.268 | 0.362 | 0.192 | 0.238 | 0.241 | 0.244 | 0.247 |
| 168139.453909250 | 168139.45 | 3909250.86 | FENCEGRD | 0.309 | 0.318 | 0.330 | 0.341 | 0.417 | 0.216 | 0.269 | 0.273 | 0.276 | 0.280 |
| | | | | | | | | | | | | | |

AERMOD Output Concentrations with Unitized Emission Rate

| XY | X | Y | REC TYPE | AERMOD Concentrations (µg/m ³) at 1 g/s | | | | | | | | | |
|------------------|-----------|------------|----------|---|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168025.263909587 | 168025.26 | 3909587.89 | FENCEGRD | 0.133 | 0.135 | 0.137 | 0.139 | 0.138 | 0.089 | 0.116 | 0.117 | 0.118 | 0.120 |
| 168003.493909597 | 168003.49 | 3909597.67 | FENCEGRD | 0.131 | 0.133 | 0.134 | 0.135 | 0.137 | 0.088 | 0.116 | 0.118 | 0.119 | 0.120 |
| 167981.723909607 | 167981.72 | 3909607.45 | FENCEGRD | 0.127 | 0.127 | 0.128 | 0.129 | 0.137 | 0.088 | 0.116 | 0.118 | 0.119 | 0.120 |
| 167959.953909617 | 167959.95 | 3909617.23 | FENCEGRD | 0.116 | 0.116 | 0.116 | 0.117 | 0.129 | 0.084 | 0.109 | 0.110 | 0.110 | 0.111 |
| 167938.183909627 | 167938.18 | 3909627.00 | FENCEGRD | 0.106 | 0.106 | 0.106 | 0.106 | 0.120 | 0.079 | 0.099 | 0.099 | 0.100 | 0.100 |
| 167916.413909636 | 167916.41 | 3909636.78 | FENCEGRD | 0.100 | 0.101 | 0.101 | 0.101 | 0.125 | 0.082 | 0.097 | 0.098 | 0.098 | 0.099 |
| 167894.643909646 | 167894.64 | 3909646.56 | FENCEGRD | 0.100 | 0.101 | 0.102 | 0.103 | 0.140 | 0.090 | 0.101 | 0.102 | 0.102 | 0.103 |
| 167872.873909656 | 167872.87 | 3909656.34 | FENCEGRD | 0.110 | 0.111 | 0.113 | 0.116 | 0.163 | 0.105 | 0.112 | 0.112 | 0.113 | 0.114 |
| 167851.13909666. | 167851.10 | 3909666.12 | FENCEGRD | 0.137 | 0.140 | 0.145 | 0.150 | 0.192 | 0.126 | 0.127 | 0.128 | 0.129 | 0.130 |
| 167829.333909675 | 167829.33 | 3909675.90 | FENCEGRD | 0.185 | 0.191 | 0.199 | 0.206 | 0.212 | 0.147 | 0.142 | 0.144 | 0.145 | 0.147 |
| 167807.563909685 | 167807.56 | 3909685.68 | FENCEGRD | 0.239 | 0.248 | 0.259 | 0.268 | 0.213 | 0.164 | 0.153 | 0.155 | 0.157 | 0.158 |
| 167785.793909695 | 167785.79 | 3909695.46 | FENCEGRD | 0.288 | 0.299 | 0.312 | 0.323 | 0.204 | 0.177 | 0.162 | 0.164 | 0.167 | 0.169 |
| 167764.023909705 | 167764.02 | 3909705.23 | FENCEGRD | 0.330 | 0.342 | 0.356 | 0.369 | 0.195 | 0.189 | 0.174 | 0.176 | 0.179 | 0.182 |
| 167742.253909715 | 167742.25 | 3909715.01 | FENCEGRD | 0.373 | 0.387 | 0.403 | 0.418 | 0.191 | 0.201 | 0.189 | 0.192 | 0.196 | 0.199 |
| 167720.483909724 | 167720.48 | 3909724.79 | FENCEGRD | 0.418 | 0.433 | 0.452 | 0.468 | 0.196 | 0.214 | 0.208 | 0.212 | 0.216 | 0.220 |
| 167698.713909734 | 167698.71 | 3909734.57 | FENCEGRD | 0.465 | 0.481 | 0.501 | 0.518 | 0.209 | 0.227 | 0.231 | 0.235 | 0.240 | 0.244 |
| 167676.943909744 | 167676.94 | 3909744.35 | FENCEGRD | 0.512 | 0.528 | 0.547 | 0.563 | 0.233 | 0.240 | 0.257 | 0.261 | 0.266 | 0.270 |
| 167655.173909754 | 167655.17 | 3909754.13 | FENCEGRD | 0.551 | 0.566 | 0.583 | 0.598 | 0.263 | 0.253 | 0.283 | 0.287 | 0.291 | 0.296 |
| 167633.43909763. | 167633.40 | 3909763.91 | FENCEGRD | 0.580 | 0.593 | 0.608 | 0.621 | 0.299 | 0.265 | 0.306 | 0.309 | 0.313 | 0.317 |
| 167611.633909773 | 167611.63 | 3909773.69 | FENCEGRD | 0.606 | 0.619 | 0.634 | 0.648 | 0.343 | 0.278 | 0.327 | 0.331 | 0.334 | 0.337 |
| 167524.553909812 | 167524.55 | 3909812.80 | FENCEGRD | 0.649 | 0.658 | 0.665 | 0.670 | 0.384 | 0.311 | 0.352 | 0.353 | 0.355 | 0.357 |
| 167502.783909822 | 167502.78 | 3909822.58 | FENCEGRD | 0.646 | 0.654 | 0.661 | 0.668 | 0.377 | 0.317 | 0.349 | 0.351 | 0.354 | 0.356 |
| 167481.013909832 | 167481.01 | 3909832.36 | FENCEGRD | 0.652 | 0.660 | 0.669 | 0.676 | 0.381 | 0.323 | 0.356 | 0.359 | 0.362 | 0.365 |
| 167459.243909842 | 167459.24 | 3909842.14 | FENCEGRD | 0.659 | 0.668 | 0.677 | 0.685 | 0.390 | 0.330 | 0.366 | 0.368 | 0.372 | 0.375 |
| 167437.473909851 | 167437.47 | 3909851.92 | FENCEGRD | 0.656 | 0.665 | 0.674 | 0.682 | 0.393 | 0.331 | 0.368 | 0.371 | 0.375 | 0.378 |
| 167400.983909842 | 167400.98 | 3909842.90 | FENCEGRD | 0.669 | 0.678 | 0.687 | 0.694 | 0.416 | 0.336 | 0.380 | 0.383 | 0.387 | 0.390 |
| 167386.273909824 | 167386.27 | 3909824.11 | FENCEGRD | 0.703 | 0.712 | 0.722 | 0.730 | 0.445 | 0.351 | 0.401 | 0.404 | 0.408 | 0.411 |
| 167371.553909805 | 167371.55 | 3909805.32 | FENCEGRD | 0.753 | 0.763 | 0.773 | 0.781 | 0.485 | 0.372 | 0.430 | 0.433 | 0.437 | 0.441 |
| 167356.843909786 | 167356.84 | 3909786.53 | FENCEGRD | 0.806 | 0.817 | 0.828 | 0.837 | 0.528 | 0.395 | 0.461 | 0.465 | 0.469 | 0.473 |
| 167342.133909767 | 167342.13 | 3909767.74 | FENCEGRD | 0.860 | 0.872 | 0.884 | 0.894 | 0.574 | 0.417 | 0.492 | 0.496 | 0.501 | 0.505 |
| 167327.413909748 | 167327.41 | 3909748.95 | FENCEGRD | 0.916 | 0.929 | 0.942 | 0.954 | 0.624 | 0.440 | 0.525 | 0.530 | 0.535 | 0.540 |
| 167312.73909730. | 167312.70 | 3909730.16 | FENCEGRD | 0.975 | 0.989 | 1.003 | 1.015 | 0.680 | 0.465 | 0.562 | 0.567 | 0.572 | 0.578 |
| 167297.993909711 | 167297.99 | 3909711.37 | FENCEGRD | 1.044 | 1.058 | 1.072 | 1.083 | 0.742 | 0.494 | 0.604 | 0.609 | 0.615 | 0.620 |
| 167283.273909692 | 167283.27 | 3909692.58 | FENCEGRD | 1.120 | 1.134 | 1.146 | 1.156 | 0.808 | 0.527 | 0.650 | 0.655 | 0.661 | 0.666 |
| 167268.563909673 | 167268.56 | 3909673.79 | FENCEGRD | 1.207 | 1.219 | 1.229 | 1.238 | 0.883 | 0.566 | 0.702 | 0.707 | 0.712 | 0.717 |
| 167253.843909655 | 167253.84 | 3909655.00 | FENCEGRD | 1.289 | 1.301 | 1.310 | 1.319 | 0.968 | 0.602 | 0.752 | 0.757 | 0.762 | 0.767 |
| 167239.133909636 | 167239.13 | 3909636.21 | FENCEGRD | 1.369 | 1.381 | 1.392 | 1.402 | 1.066 | 0.637 | 0.803 | 0.808 | 0.814 | 0.820 |
| 167224.423909617 | 167224.42 | 3909617.42 | FENCEGRD | 1.454 | 1.468 | 1.482 | 1.495 | 1.179 | 0.671 | 0.860 | 0.866 | 0.873 | 0.880 |
| 167209.73909598. | 167209.70 | 3909598.63 | FENCEGRD | 1.552 | 1.569 | 1.587 | 1.604 | 1.297 | 0.710 | 0.928 | 0.936 | 0.945 | 0.953 |
| 167194.993909579 | 167194.99 | 3909579.84 | FENCEGRD | 1.664 | 1.685 | 1.706 | 1.725 | 1.400 | 0.753 | 1.007 | 1.017 | 1.026 | 1.036 |
| 167180.283909561 | 167180.28 | 3909561.05 | FENCEGRD | 1.790 | 1.814 | 1.836 | 1.855 | 1.471 | 0.801 | 1.094 | 1.103 | 1.113 | 1.123 |
| 167165.563909542 | 167165.56 | 3909542.26 | FENCEGRD | 1.923 | 1.945 | 1.965 | 1.981 | 1.501 | 0.854 | 1.178 | 1.187 | 1.195 | 1.203 |
| 167150.853909523 | 167150.85 | 3909523.47 | FENCEGRD | 2.051 | 2.069 | 2.082 | 2.092 | 1.490 | 0.907 | 1.250 | 1.256 | 1.263 | 1.268 |
| 167136.133909504 | 167136.13 | 3909504.68 | FENCEGRD | 2.159 | 2.169 | 2.172 | 2.173 | 1.442 | 0.957 | 1.300 | 1.303 | 1.305 | 1.307 |
| 167121.423909485 | 167121.42 | 3909485.89 | FENCEGRD | 2.238 | 2.237 | 2.229 | 2.221 | 1.368 | 1.001 | 1.324 | 1.323 | 1.322 | 1.320 |
| 167106.713909467 | 167106.71 | 3909467.10 | FENCEGRD | 2.292 | 2.281 | 2.261 | 2.242 | 1.282 | 1.042 | 1.328 | 1.323 | 1.318 | 1.312 |
| 167091.993909448 | 167091.99 | 3909448.31 | FENCEGRD | 2.312 | 2.289 | 2.258 | 2.231 | 1.187 | 1.073 | 1.309 | 1.301 | 1.293 | 1.285 |
| 167077.283909429 | 167077.28 | 3909429.52 | FENCEGRD | 2.280 | 2.250 | 2.211 | 2.178 | 1.086 | 1.085 | 1.264 | 1.254 | 1.244 | 1.233 |
| 167062.573909410 | 167062.57 | 3909410.73 | FENCEGRD | 2.216 | 2.180 | 2.136 | 2.098 | 0.984 | 1.083 | 1.204 | 1.193 | 1.181 | 1.170 |
| 167047.853909391 | 167047.85 | 3909391.94 | FENCEGRD | 2.126 | 2.086 | 2.039 | 1.999 | 0.885 | 1.069 | 1.135 | 1.123 | 1.110 | 1.098 |
| 167033.143909373 | 167033.14 | 3909373.15 | FENCEGRD | 2.022 | 1.980 | 1.931 | 1.890 | 0.789 | 1.047 | 1.062 | 1.049 | 1.037 | 1.025 |
| 167018.423909354 | 167018.42 | 3909354.36 | FENCEGRD | 1.910 | 1.866 | 1.817 | 1.776 | 0.700 | 1.019 | 0.989 | 0.977 | 0.965 | 0.953 |
| 167003.713909335 | 167003.71 | 3909335.57 | FENCEGRD | 1.790 | 1.747 | 1.699 | 1.658 | 0.617 | 0.985 | 0.917 | 0.905 | 0.894 | 0.883 |
| 1669893909316.78 | 166989.00 | 3909316.78 | FENCEGRD | 1.664 | 1.622 | 1.576 | 1.538 | 0.539 | 0.945 | 0.846 | 0.835 | 0.824 | 0.814 |
| 166974.283909297 | 166974.28 | 3909297.99 | FENCEGRD | 1.540 | 1.501 | 1.458 | 1.422 | 0.470 | 0.902 | 0.778 | 0.768 | 0.758 | 0.749 |
| 168090.573909558 | 168090.57 | 3909558.55 | FENCEGRD | 0.131 | 0.133 | 0.136 | 0.139 | 0.146 | 0.096 | 0.119 | 0.120 | 0.121 | 0.122 |
| 168102.023909536 | 168102.02 | 3909536.79 | FENCEGRD | 0.123 | 0.125 | 0.127 | 0.129 | 0.137 | 0.092 | 0.112 | 0.114 | 0.115 | 0.116 |
| 168113.473909515 | 168113.47 | 3909515.03 | FENCEGRD | 0.119 | 0.120 | 0.122 | 0.124 | 0.133 | 0.090 | 0.110 | 0.111 | 0.112 | 0.113 |
| 168124.923909493 | 168124.92 | 3909493.27 | FENCEGRD | 0.117 | 0.119 | 0.120 | 0.122 | 0.133 | 0.091 | 0.112 | 0.113 | 0.114 | 0.115 |
| 168136.363909471 | 168136.36 | 3909471.51 | FENCEGRD | 0.120 | 0.121 | 0.123 | 0.125 | 0.137 | 0.094 | 0.116 | 0.117 | 0.118 | 0.119 |
| 168147.813909449 | 168147.81 | 3909449.75 | FENCEGRD | 0.130 | 0.131 | 0.133 | 0.135 | 0.147 | 0.101 | 0.124 | 0.125 | 0.127 | 0.128 |
| 168159.263909427 | 168159.26 | 3909427.98 | FENCEGRD | 0.141 | 0.143 | 0.146 | 0.148 | 0.159 | 0.109 | 0.131 | 0.133 | 0.134 | 0.136 |
| 168170.713909406 | 168170.71 | 3909406.22 | FENCEGRD | 0.153 | 0.155 | 0.158 | 0.161 | 0.174 | 0.119 | 0.142 | 0.143 | 0.145 | 0.146 |
| 168182.163909384 | 168182.16 | 3909384.46 | FENCEGRD | 0.167 | 0.170 | 0.174 | 0.178 | 0.195 | 0.132 | 0.156 | 0.158 | 0.160 | 0.162 |
| 168193.613909362 | 168193.61 | 3909362.70 | FENCEGRD | 0.183 | 0.187 | 0.192 | 0.196 | 0.217 | 0.145 | 0.172 | 0.174 | 0.176 | 0.178 |
| 168205.063909340 | 168205.06 | 3909340.94 | FENCEGRD | 0.206 | 0.211 | 0.218 | 0.224 | 0.242 | 0.158 | 0.188 | 0.191 | 0.193 | 0.195 |
| 168216.53909319. | 168216.50 | 3909319.18 | FENCEGRD | 0.234 | 0.241 | 0.249 | 0.256 | 0.267 | 0.169 | 0.202 | 0.204 | 0.206 | 0.208 |
| 168227.953909297 | 168227.95 | 3909297.42 | FENCEGRD | 0.269 | 0.276 | 0.286 | 0.294 | 0.295 | 0.180 | 0.215 | 0.217 | 0.219 | 0.222 |
| 168239.43909275. | 168239.40 | 3909275.65 | FENCEGRD | 0.296 | 0.304 | 0.313 | 0.322 | 0.322 | 0.189 | 0.226 | 0.229 | 0.231 | 0.233 |
| 168250.853909253 | 168250.85 | 3909253.89 | FENCEGRD | 0.315 | 0.323 | 0.333 | 0.342 | 0.348 | 0.198 | 0.238 | 0.241 | 0.244 | 0.246 |
| 168262.33909232. | 168262.30 | 3909232.13 | FENCEGRD | 0.328 | 0.336 | 0.347 | 0.357 | 0.372 | 0.205 | 0.253 | 0.256 | 0.259 | 0.262 |
| 168273.753909210 | 168273.75 | 3909210.37 | FENCEGRD | 0.351 | 0.361 | 0.374 | 0.385 | 0.397 | 0.215 | 0.271 | 0.274 | 0.277 | 0.281 |
| 168285.193909188 | 168285.19 | 3909188.61 | FENCEGRD | 0.375 | 0.387 | 0.401 | 0.415 | 0.419 | 0.224 | 0.289 | 0.293 | 0.297 | 0.300 |
| 168296.643909166 | 168296.64 | 3909166.85 | FENCEGRD | 0.403 | 0.416 | 0.432 | 0.447 | 0.439 | 0.233 | 0.309 | | | |

AERMOD Output Concentrations with Unitized Emission Rate

| XY | X | Y | REC TYPE | AERMOD Concentrations (µg/m ³) at 1 g/s | | | | | | | | | |
|------------------|-----------|------------|----------|---|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167982.233909693 | 167982.23 | 3909693.53 | FENCEGRD | 0.204 | 0.207 | 0.211 | 0.214 | 0.188 | 0.121 | 0.158 | 0.158 | 0.159 | 0.159 |
| 167960.363909703 | 167960.36 | 3909703.35 | FENCEGRD | 0.199 | 0.202 | 0.205 | 0.209 | 0.192 | 0.122 | 0.153 | 0.153 | 0.153 | 0.154 |
| 167938.493909713 | 167938.49 | 3909713.18 | FENCEGRD | 0.196 | 0.199 | 0.203 | 0.207 | 0.194 | 0.124 | 0.146 | 0.147 | 0.147 | 0.147 |
| 167916.623909723 | 167916.62 | 3909723.00 | FENCEGRD | 0.203 | 0.207 | 0.212 | 0.217 | 0.196 | 0.127 | 0.141 | 0.142 | 0.142 | 0.143 |
| 167894.753909732 | 167894.75 | 3909732.82 | FENCEGRD | 0.216 | 0.220 | 0.226 | 0.231 | 0.195 | 0.132 | 0.138 | 0.138 | 0.139 | 0.140 |
| 167872.883909742 | 167872.88 | 3909742.65 | FENCEGRD | 0.227 | 0.232 | 0.238 | 0.244 | 0.191 | 0.138 | 0.136 | 0.137 | 0.138 | 0.139 |
| 167851.013909752 | 167851.01 | 3909752.47 | FENCEGRD | 0.242 | 0.248 | 0.256 | 0.263 | 0.184 | 0.146 | 0.137 | 0.139 | 0.140 | 0.141 |
| 167829.143909762 | 167829.14 | 3909762.30 | FENCEGRD | 0.262 | 0.269 | 0.279 | 0.287 | 0.176 | 0.155 | 0.142 | 0.143 | 0.145 | 0.146 |
| 167807.263909772 | 167807.26 | 3909772.12 | FENCEGRD | 0.286 | 0.295 | 0.306 | 0.316 | 0.171 | 0.164 | 0.149 | 0.151 | 0.153 | 0.155 |
| 167785.393909781 | 167785.39 | 3909781.94 | FENCEGRD | 0.314 | 0.324 | 0.337 | 0.348 | 0.169 | 0.175 | 0.160 | 0.162 | 0.165 | 0.167 |
| 167763.523909791 | 167763.52 | 3909791.77 | FENCEGRD | 0.343 | 0.354 | 0.368 | 0.381 | 0.172 | 0.186 | 0.173 | 0.176 | 0.179 | 0.182 |
| 167741.653909801 | 167741.65 | 3909801.59 | FENCEGRD | 0.373 | 0.386 | 0.401 | 0.415 | 0.179 | 0.196 | 0.189 | 0.192 | 0.196 | 0.199 |
| 167719.783909811 | 167719.78 | 3909811.42 | FENCEGRD | 0.406 | 0.420 | 0.436 | 0.451 | 0.192 | 0.207 | 0.207 | 0.211 | 0.214 | 0.218 |
| 167697.913909821 | 167697.91 | 3909821.24 | FENCEGRD | 0.441 | 0.455 | 0.472 | 0.486 | 0.211 | 0.218 | 0.227 | 0.231 | 0.235 | 0.239 |
| 167676.043909831 | 167676.04 | 3909831.07 | FENCEGRD | 0.474 | 0.487 | 0.503 | 0.516 | 0.235 | 0.228 | 0.249 | 0.253 | 0.257 | 0.261 |
| 167654.173909840 | 167654.17 | 3909840.89 | FENCEGRD | 0.510 | 0.522 | 0.536 | 0.549 | 0.270 | 0.242 | 0.275 | 0.278 | 0.282 | 0.286 |
| 167566.683909880 | 167566.68 | 3909880.19 | FENCEGRD | 0.547 | 0.559 | 0.566 | 0.569 | 0.340 | 0.267 | 0.314 | 0.315 | 0.317 | 0.317 |
| 167544.813909890 | 167544.81 | 3909890.01 | FENCEGRD | 0.544 | 0.547 | 0.550 | 0.552 | 0.330 | 0.272 | 0.304 | 0.304 | 0.305 | 0.305 |
| 167522.943909899 | 167522.94 | 3909899.83 | FENCEGRD | 0.530 | 0.533 | 0.537 | 0.540 | 0.321 | 0.267 | 0.294 | 0.295 | 0.296 | 0.297 |
| 167501.073909909 | 167501.07 | 3909909.66 | FENCEGRD | 0.520 | 0.524 | 0.529 | 0.533 | 0.313 | 0.264 | 0.289 | 0.290 | 0.291 | 0.293 |
| 167479.23909919. | 167479.20 | 3909919.48 | FENCEGRD | 0.513 | 0.518 | 0.523 | 0.528 | 0.308 | 0.263 | 0.286 | 0.288 | 0.290 | 0.292 |
| 167457.333909929 | 167457.33 | 3909929.31 | FENCEGRD | 0.509 | 0.515 | 0.521 | 0.526 | 0.308 | 0.264 | 0.287 | 0.289 | 0.292 | 0.294 |
| 167435.463909939 | 167435.46 | 3909939.13 | FENCEGRD | 0.513 | 0.520 | 0.526 | 0.532 | 0.314 | 0.268 | 0.294 | 0.296 | 0.299 | 0.301 |
| 167413.593909948 | 167413.59 | 3909948.95 | FENCEGRD | 0.521 | 0.528 | 0.534 | 0.540 | 0.325 | 0.275 | 0.303 | 0.305 | 0.308 | 0.311 |
| 167376.933909939 | 167376.93 | 3909939.90 | FENCEGRD | 0.558 | 0.565 | 0.572 | 0.577 | 0.361 | 0.294 | 0.331 | 0.333 | 0.336 | 0.339 |
| 167362.153909921 | 167362.15 | 3909921.02 | FENCEGRD | 0.589 | 0.596 | 0.603 | 0.609 | 0.386 | 0.309 | 0.350 | 0.352 | 0.355 | 0.358 |
| 167347.373909902 | 167347.37 | 3909902.15 | FENCEGRD | 0.622 | 0.629 | 0.637 | 0.643 | 0.413 | 0.324 | 0.370 | 0.373 | 0.376 | 0.378 |
| 167332.593909883 | 167332.59 | 3909883.27 | FENCEGRD | 0.659 | 0.666 | 0.674 | 0.681 | 0.444 | 0.340 | 0.392 | 0.395 | 0.398 | 0.401 |
| 167317.813909864 | 167317.81 | 3909864.39 | FENCEGRD | 0.701 | 0.710 | 0.718 | 0.726 | 0.478 | 0.359 | 0.418 | 0.421 | 0.424 | 0.427 |
| 167303.033909845 | 167303.03 | 3909845.51 | FENCEGRD | 0.745 | 0.754 | 0.764 | 0.772 | 0.515 | 0.378 | 0.444 | 0.447 | 0.451 | 0.455 |
| 167288.243909826 | 167288.24 | 3909826.64 | FENCEGRD | 0.795 | 0.805 | 0.815 | 0.824 | 0.558 | 0.400 | 0.474 | 0.478 | 0.482 | 0.486 |
| 167273.463909807 | 167273.46 | 3909807.76 | FENCEGRD | 0.844 | 0.854 | 0.865 | 0.874 | 0.602 | 0.421 | 0.505 | 0.509 | 0.513 | 0.517 |
| 167258.683909788 | 167258.68 | 3909788.88 | FENCEGRD | 0.894 | 0.905 | 0.915 | 0.924 | 0.648 | 0.444 | 0.537 | 0.541 | 0.545 | 0.550 |
| 167243.93909770. | 167243.90 | 3909770.01 | FENCEGRD | 0.946 | 0.956 | 0.966 | 0.974 | 0.695 | 0.468 | 0.570 | 0.574 | 0.579 | 0.582 |
| 167229.123909751 | 167229.12 | 3909751.13 | FENCEGRD | 0.999 | 1.009 | 1.017 | 1.024 | 0.743 | 0.492 | 0.604 | 0.608 | 0.612 | 0.616 |
| 167214.333909732 | 167214.33 | 3909732.25 | FENCEGRD | 1.053 | 1.062 | 1.070 | 1.077 | 0.797 | 0.518 | 0.638 | 0.642 | 0.646 | 0.650 |
| 167199.553909713 | 167199.55 | 3909713.37 | FENCEGRD | 1.112 | 1.121 | 1.129 | 1.136 | 0.861 | 0.545 | 0.676 | 0.680 | 0.684 | 0.688 |
| 167184.773909694 | 167184.77 | 3909694.50 | FENCEGRD | 1.172 | 1.182 | 1.191 | 1.200 | 0.936 | 0.572 | 0.716 | 0.720 | 0.725 | 0.730 |
| 167169.993909675 | 167169.99 | 3909675.62 | FENCEGRD | 1.235 | 1.246 | 1.258 | 1.270 | 1.021 | 0.598 | 0.760 | 0.765 | 0.771 | 0.777 |
| 167155.213909656 | 167155.21 | 3909656.74 | FENCEGRD | 1.303 | 1.318 | 1.333 | 1.347 | 1.110 | 0.625 | 0.810 | 0.817 | 0.824 | 0.831 |
| 167140.433909637 | 167140.43 | 3909637.87 | FENCEGRD | 1.383 | 1.401 | 1.419 | 1.436 | 1.195 | 0.657 | 0.869 | 0.877 | 0.885 | 0.893 |
| 167125.643909618 | 167125.64 | 3909618.99 | FENCEGRD | 1.475 | 1.495 | 1.515 | 1.533 | 1.264 | 0.695 | 0.935 | 0.944 | 0.952 | 0.960 |
| 167110.863909600 | 167110.86 | 3909600.11 | FENCEGRD | 1.577 | 1.597 | 1.616 | 1.632 | 1.309 | 0.737 | 1.004 | 1.012 | 1.020 | 1.027 |
| 167096.083909581 | 167096.08 | 3909581.23 | FENCEGRD | 1.677 | 1.695 | 1.710 | 1.723 | 1.325 | 0.781 | 1.066 | 1.072 | 1.079 | 1.084 |
| 167081.33909562. | 167081.30 | 3909562.36 | FENCEGRD | 1.776 | 1.789 | 1.798 | 1.805 | 1.316 | 0.827 | 1.119 | 1.124 | 1.128 | 1.131 |
| 167066.523909543 | 167066.52 | 3909543.48 | FENCEGRD | 1.854 | 1.860 | 1.862 | 1.862 | 1.283 | 0.869 | 1.154 | 1.156 | 1.157 | 1.158 |
| 167051.733909524 | 167051.73 | 3909524.60 | FENCEGRD | 1.903 | 1.902 | 1.896 | 1.890 | 1.229 | 0.902 | 1.168 | 1.167 | 1.166 | 1.164 |
| 167036.953909505 | 167036.95 | 3909505.73 | FENCEGRD | 1.931 | 1.923 | 1.909 | 1.897 | 1.164 | 0.930 | 1.166 | 1.163 | 1.159 | 1.154 |
| 167022.173909486 | 167022.17 | 3909486.85 | FENCEGRD | 1.937 | 1.922 | 1.901 | 1.883 | 1.093 | 0.952 | 1.149 | 1.144 | 1.138 | 1.131 |
| 167007.393909467 | 167007.39 | 3909467.97 | FENCEGRD | 1.921 | 1.900 | 1.873 | 1.850 | 1.018 | 0.964 | 1.119 | 1.112 | 1.105 | 1.097 |
| 166992.613909449 | 166992.61 | 3909449.09 | FENCEGRD | 1.883 | 1.858 | 1.826 | 1.800 | 0.943 | 0.967 | 1.079 | 1.071 | 1.062 | 1.053 |
| 166977.823909430 | 166977.82 | 3909430.22 | FENCEGRD | 1.830 | 1.800 | 1.766 | 1.736 | 0.868 | 0.962 | 1.032 | 1.023 | 1.013 | 1.004 |
| 166963.043909411 | 166963.04 | 3909411.34 | FENCEGRD | 1.759 | 1.728 | 1.691 | 1.660 | 0.794 | 0.948 | 0.979 | 0.969 | 0.959 | 0.950 |
| 166948.263909392 | 166948.26 | 3909392.46 | FENCEGRD | 1.679 | 1.646 | 1.608 | 1.577 | 0.723 | 0.927 | 0.922 | 0.912 | 0.903 | 0.893 |
| 166933.483909373 | 166933.48 | 3909373.59 | FENCEGRD | 1.594 | 1.560 | 1.522 | 1.491 | 0.653 | 0.903 | 0.866 | 0.856 | 0.847 | 0.837 |
| 166918.73909354. | 166918.70 | 3909354.71 | FENCEGRD | 1.504 | 1.470 | 1.433 | 1.402 | 0.587 | 0.874 | 0.811 | 0.801 | 0.792 | 0.783 |
| 166903.923909335 | 166903.92 | 3909335.83 | FENCEGRD | 1.411 | 1.378 | 1.342 | 1.312 | 0.523 | 0.842 | 0.757 | 0.748 | 0.739 | 0.731 |
| 166889.133909316 | 166889.13 | 3909316.95 | FENCEGRD | 1.319 | 1.288 | 1.254 | 1.226 | 0.464 | 0.808 | 0.705 | 0.696 | 0.688 | 0.681 |
| 166874.353909298 | 166874.35 | 3909298.08 | FENCEGRD | 1.230 | 1.201 | 1.170 | 1.144 | 0.411 | 0.771 | 0.654 | 0.646 | 0.638 | 0.631 |
| 168179.073909605 | 168179.07 | 3909605.11 | FENCEGRD | 0.144 | 0.147 | 0.151 | 0.154 | 0.147 | 0.103 | 0.123 | 0.124 | 0.125 | 0.126 |
| 168190.523909583 | 168190.52 | 3909583.35 | FENCEGRD | 0.140 | 0.142 | 0.146 | 0.149 | 0.146 | 0.104 | 0.123 | 0.124 | 0.125 | 0.126 |
| 168201.973909561 | 168201.97 | 3909561.59 | FENCEGRD | 0.135 | 0.137 | 0.141 | 0.144 | 0.144 | 0.104 | 0.124 | 0.125 | 0.126 | 0.127 |
| 168213.423909539 | 168213.42 | 3909539.83 | FENCEGRD | 0.129 | 0.131 | 0.134 | 0.137 | 0.140 | 0.102 | 0.123 | 0.124 | 0.125 | 0.126 |
| 168224.863909518 | 168224.86 | 3909518.07 | FENCEGRD | 0.130 | 0.132 | 0.135 | 0.138 | 0.140 | 0.103 | 0.123 | 0.124 | 0.125 | 0.126 |
| 168236.313909496 | 168236.31 | 3909496.31 | FENCEGRD | 0.136 | 0.138 | 0.141 | 0.143 | 0.142 | 0.104 | 0.124 | 0.125 | 0.126 | 0.127 |
| 168247.763909474 | 168247.76 | 3909474.54 | FENCEGRD | 0.142 | 0.144 | 0.147 | 0.150 | 0.146 | 0.106 | 0.124 | 0.126 | 0.127 | 0.128 |
| 168259.213909452 | 168259.21 | 3909452.78 | FENCEGRD | 0.148 | 0.151 | 0.154 | 0.157 | 0.152 | 0.111 | 0.128 | 0.129 | 0.131 | 0.132 |
| 168270.663909431 | 168270.66 | 3909431.02 | FENCEGRD | 0.153 | 0.156 | 0.159 | 0.163 | 0.159 | 0.116 | 0.133 | 0.135 | 0.136 | 0.137 |
| 168282.113909409 | 168282.11 | 3909409.26 | FENCEGRD | 0.160 | 0.163 | 0.167 | 0.171 | 0.170 | 0.123 | 0.142 | 0.143 | 0.145 | 0.146 |
| 168293.563909387 | 168293.56 | 3909387.50 | FENCEGRD | 0.167 | 0.170 | 0.175 | 0.179 | 0.179 | 0.128 | 0.150 | 0.151 | 0.153 | 0.154 |
| 1683053909365.74 | 168305.00 | 3909365.74 | FENCEGRD | 0.177 | 0.181 | 0.186 | 0.191 | 0.191 | 0.133 | 0.157 | 0.159 | 0.160 | 0.162 |
| 168316.453909343 | 168316.45 | 3909343.97 | FENCEGRD | 0.191 | 0.196 | 0.202 | 0.207 | 0.205 | 0.139 | 0.164 | 0.166 | 0.167 | 0.169 |
| 168327.93909322. | 168327.90 | 3909322.21 | FENCEGRD | 0.206 | 0.211 | 0.217 | 0.223 | 0.220 | 0.145 | 0.170 | 0.172 | 0.173 | 0.175 |
| 168339.353909300 | 168339.35 | 3909300.45 | FENCEGRD | 0.217 | 0.222 | 0.228 | 0.234 | 0.236 | 0.150 | 0.175</ | | | |

AERMOD Output Concentrations with Unitized Emission Rate

| XY | X | Y | REC TYPE | AERMOD Concentrations (µg/m ³) at 1 g/s | | | | | | | | | |
|------------------|-----------|------------|----------|---|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167691.683908875 | 167691.68 | 3908875.12 | FENCEGRD | 3.281 | 2.983 | 2.669 | 2.427 | 0.810 | 1.441 | 0.986 | 0.940 | 0.895 | 0.855 |
| 167670.783908888 | 167670.78 | 3908888.20 | FENCEGRD | 2.764 | 2.490 | 2.209 | 2.000 | 0.725 | 1.239 | 0.831 | 0.789 | 0.748 | 0.712 |
| 167762.013908801 | 167762.01 | 3908801.59 | FENCEGRD | 3.543 | 3.339 | 3.112 | 2.921 | 0.920 | 1.654 | 1.203 | 1.165 | 1.128 | 1.093 |
| 167741.113908814 | 167741.11 | 3908814.67 | FENCEGRD | 3.333 | 3.115 | 2.877 | 2.682 | 0.860 | 1.363 | 1.099 | 1.060 | 1.023 | 0.987 |
| 167720.213908827 | 167720.21 | 3908827.76 | FENCEGRD | 3.081 | 2.856 | 2.613 | 2.419 | 0.800 | 1.132 | 0.992 | 0.954 | 0.917 | 0.882 |
| 167699.313908840 | 167699.31 | 3908840.84 | FENCEGRD | 2.742 | 2.521 | 2.289 | 2.107 | 0.729 | 0.941 | 0.868 | 0.832 | 0.797 | 0.764 |
| 167678.413908853 | 167678.41 | 3908853.93 | FENCEGRD | 2.407 | 2.197 | 1.980 | 1.816 | 0.665 | 0.823 | 0.754 | 0.720 | 0.687 | 0.658 |
| 167657.523908867 | 167657.52 | 3908867.01 | FENCEGRD | 2.059 | 1.869 | 1.678 | 1.538 | 0.601 | 0.754 | 0.643 | 0.613 | 0.583 | 0.557 |
| 167794.143908784 | 167794.14 | 3908784.69 | FENCEGRD | 3.687 | 3.561 | 3.393 | 3.220 | 1.005 | 2.014 | 1.336 | 1.307 | 1.274 | 1.240 |
| 167816.843908786 | 167816.84 | 3908786.84 | FENCEGRD | 3.827 | 3.735 | 3.642 | 3.556 | 1.103 | 2.489 | 1.420 | 1.403 | 1.383 | 1.366 |
| 167748.743908780 | 167748.74 | 3908780.40 | FENCEGRD | 2.838 | 2.666 | 2.477 | 2.322 | 0.786 | 1.137 | 0.985 | 0.953 | 0.921 | 0.891 |
| 167727.843908793 | 167727.84 | 3908793.49 | FENCEGRD | 2.664 | 2.485 | 2.291 | 2.134 | 0.739 | 0.945 | 0.903 | 0.870 | 0.839 | 0.809 |
| 167706.943908806 | 167706.94 | 3908806.57 | FENCEGRD | 2.418 | 2.240 | 2.052 | 1.903 | 0.681 | 0.768 | 0.804 | 0.773 | 0.742 | 0.714 |
| 167686.053908819 | 167686.05 | 3908819.65 | FENCEGRD | 2.167 | 1.995 | 1.816 | 1.679 | 0.626 | 0.643 | 0.709 | 0.680 | 0.651 | 0.625 |
| 167665.153908832 | 167665.15 | 3908832.74 | FENCEGRD | 1.893 | 1.736 | 1.576 | 1.456 | 0.569 | 0.559 | 0.613 | 0.586 | 0.561 | 0.538 |
| 167644.253908845 | 167644.25 | 3908845.82 | FENCEGRD | 1.617 | 1.483 | 1.348 | 1.249 | 0.512 | 0.511 | 0.519 | 0.497 | 0.475 | 0.456 |
| 167783.939087631 | 167783.90 | 3908763.79 | FENCEGRD | 3.198 | 3.038 | 2.858 | 2.705 | 0.891 | 1.593 | 1.159 | 1.126 | 1.094 | 1.064 |
| 167808.123908766 | 167808.12 | 3908766.08 | FENCEGRD | 3.480 | 3.390 | 3.257 | 3.108 | 0.995 | 1.968 | 1.313 | 1.288 | 1.262 | 1.231 |
| 167868.843908842 | 167868.84 | 3908842.58 | FENCEGRD | 4.396 | 4.318 | 4.232 | 4.148 | 1.203 | 2.676 | 1.740 | 1.709 | 1.678 | 1.649 |
| 167735.473908759 | 167735.47 | 3908759.21 | FENCEGRD | 2.376 | 2.226 | 2.064 | 1.933 | 0.696 | 0.873 | 0.844 | 0.815 | 0.788 | 0.761 |
| 167714.583908772 | 167714.58 | 3908772.30 | FENCEGRD | 2.191 | 2.041 | 1.881 | 1.754 | 0.648 | 0.719 | 0.762 | 0.734 | 0.707 | 0.682 |
| 167693.683908785 | 167693.68 | 3908785.38 | FENCEGRD | 1.981 | 1.836 | 1.684 | 1.566 | 0.597 | 0.589 | 0.676 | 0.650 | 0.625 | 0.602 |
| 167672.783908798 | 167672.78 | 3908798.46 | FENCEGRD | 1.757 | 1.623 | 1.485 | 1.380 | 0.545 | 0.489 | 0.591 | 0.567 | 0.544 | 0.524 |
| 167651.883908811 | 167651.88 | 3908811.55 | FENCEGRD | 1.533 | 1.415 | 1.296 | 1.207 | 0.493 | 0.419 | 0.508 | 0.488 | 0.468 | 0.451 |
| 167630.983908824 | 167630.98 | 3908824.63 | FENCEGRD | 1.318 | 1.221 | 1.123 | 1.051 | 0.441 | 0.376 | 0.432 | 0.415 | 0.399 | 0.385 |
| 167731.643908718 | 167731.64 | 3908718.98 | FENCEGRD | 1.961 | 1.842 | 1.713 | 1.610 | 0.618 | 0.723 | 0.731 | 0.707 | 0.684 | 0.662 |
| 167754.343908721 | 167754.34 | 3908721.12 | FENCEGRD | 2.272 | 2.144 | 2.003 | 1.887 | 0.697 | 0.938 | 0.854 | 0.827 | 0.801 | 0.777 |
| 167777.043908723 | 167777.04 | 3908723.27 | FENCEGRD | 2.591 | 2.459 | 2.311 | 2.186 | 0.780 | 1.201 | 0.985 | 0.957 | 0.929 | 0.903 |
| 167799.753908725 | 167799.75 | 3908725.42 | FENCEGRD | 2.854 | 2.748 | 2.609 | 2.482 | 0.861 | 1.440 | 1.111 | 1.085 | 1.057 | 1.030 |
| 167822.453908727 | 167822.45 | 3908727.56 | FENCEGRD | 3.007 | 2.935 | 2.850 | 2.752 | 0.937 | 1.685 | 1.202 | 1.187 | 1.167 | 1.145 |
| 167845.153908729 | 167845.15 | 3908729.71 | FENCEGRD | 3.147 | 3.081 | 3.015 | 2.950 | 1.003 | 1.927 | 1.271 | 1.258 | 1.243 | 1.231 |
| 167902.083908801 | 167902.08 | 3908801.43 | FENCEGRD | 3.910 | 3.844 | 3.774 | 3.706 | 1.141 | 2.578 | 1.568 | 1.545 | 1.521 | 1.499 |
| 167905.923908823 | 167905.92 | 3908823.90 | FENCEGRD | 3.956 | 3.915 | 3.867 | 3.814 | 1.195 | 2.483 | 1.720 | 1.695 | 1.670 | 1.646 |
| 167909.763908846 | 167909.76 | 3908846.38 | FENCEGRD | 3.958 | 3.962 | 3.960 | 3.940 | 1.282 | 2.263 | 1.887 | 1.867 | 1.845 | 1.822 |
| 167913.613908868 | 167913.61 | 3908868.86 | FENCEGRD | 3.822 | 3.883 | 3.944 | 3.975 | 1.383 | 2.035 | 2.038 | 2.028 | 2.015 | 2.000 |
| 167917.453908891 | 167917.45 | 3908891.33 | FENCEGRD | 3.654 | 3.768 | 3.894 | 3.984 | 1.495 | 1.817 | 2.149 | 2.153 | 2.155 | 2.152 |
| 167708.943908716 | 167708.94 | 3908716.83 | FENCEGRD | 1.679 | 1.573 | 1.460 | 1.370 | 0.547 | 0.563 | 0.623 | 0.601 | 0.581 | 0.562 |
| 167688.043908729 | 167688.04 | 3908729.92 | FENCEGRD | 1.521 | 1.421 | 1.316 | 1.234 | 0.503 | 0.466 | 0.553 | 0.533 | 0.514 | 0.497 |
| 167667.143908743 | 167667.14 | 3908743.00 | FENCEGRD | 1.362 | 1.272 | 1.178 | 1.106 | 0.459 | 0.388 | 0.485 | 0.468 | 0.451 | 0.436 |
| 167646.253908756 | 167646.25 | 3908756.08 | FENCEGRD | 1.211 | 1.133 | 1.052 | 0.991 | 0.417 | 0.326 | 0.423 | 0.408 | 0.394 | 0.381 |
| 167625.353908769 | 167625.35 | 3908769.17 | FENCEGRD | 1.074 | 1.008 | 0.940 | 0.889 | 0.376 | 0.279 | 0.367 | 0.355 | 0.344 | 0.333 |
| 167604.453908782 | 167604.45 | 3908782.25 | FENCEGRD | 0.950 | 0.894 | 0.836 | 0.791 | 0.337 | 0.248 | 0.319 | 0.309 | 0.300 | 0.291 |
| 167706.623908676 | 167706.62 | 3908676.74 | FENCEGRD | 1.443 | 1.358 | 1.266 | 1.194 | 0.498 | 0.506 | 0.558 | 0.540 | 0.523 | 0.507 |
| 167730.843908679 | 167730.84 | 3908679.03 | FENCEGRD | 1.694 | 1.597 | 1.492 | 1.407 | 0.567 | 0.650 | 0.662 | 0.641 | 0.620 | 0.601 |
| 167755.053908681 | 167755.05 | 3908681.32 | FENCEGRD | 1.978 | 1.871 | 1.754 | 1.658 | 0.646 | 0.833 | 0.783 | 0.759 | 0.736 | 0.714 |
| 167779.273908683 | 167779.27 | 3908683.61 | FENCEGRD | 2.175 | 2.104 | 2.027 | 1.943 | 0.736 | 0.989 | 0.895 | 0.879 | 0.861 | 0.841 |
| 167803.483908685 | 167803.48 | 3908685.90 | FENCEGRD | 2.318 | 2.248 | 2.174 | 2.112 | 0.814 | 1.156 | 0.953 | 0.938 | 0.921 | 0.906 |
| 167827.739086881 | 167827.70 | 3908688.19 | FENCEGRD | 2.494 | 2.430 | 2.362 | 2.303 | 0.866 | 1.361 | 1.031 | 1.018 | 1.002 | 0.988 |
| 167851.913908690 | 167851.91 | 3908690.47 | FENCEGRD | 2.630 | 2.572 | 2.512 | 2.459 | 0.906 | 1.554 | 1.094 | 1.082 | 1.068 | 1.055 |
| 167876.123908692 | 167876.12 | 3908692.76 | FENCEGRD | 2.711 | 2.658 | 2.605 | 2.557 | 0.927 | 1.715 | 1.134 | 1.122 | 1.108 | 1.097 |
| 167900.343908695 | 167900.34 | 3908695.05 | FENCEGRD | 2.848 | 2.799 | 2.751 | 2.708 | 0.979 | 1.892 | 1.207 | 1.195 | 1.182 | 1.171 |
| 167936.853908769 | 167936.85 | 3908769.26 | FENCEGRD | 3.828 | 3.776 | 3.729 | 3.682 | 1.207 | 2.285 | 1.573 | 1.558 | 1.541 | 1.526 |
| 167940.953908793 | 167940.95 | 3908793.24 | FENCEGRD | 4.016 | 3.982 | 3.943 | 3.901 | 1.237 | 2.157 | 1.648 | 1.632 | 1.615 | 1.599 |
| 167945.053908817 | 167945.05 | 3908817.21 | FENCEGRD | 4.190 | 4.183 | 4.170 | 4.142 | 1.293 | 2.003 | 1.751 | 1.737 | 1.723 | 1.707 |
| 167949.153908841 | 167949.15 | 3908841.19 | FENCEGRD | 4.285 | 4.320 | 4.351 | 4.358 | 1.368 | 1.843 | 1.857 | 1.850 | 1.841 | 1.830 |
| 167953.243908865 | 167953.24 | 3908865.16 | FENCEGRD | 4.241 | 4.326 | 4.415 | 4.471 | 1.454 | 1.687 | 1.946 | 1.948 | 1.949 | 1.946 |
| 167957.343908889 | 167957.34 | 3908889.14 | FENCEGRD | 4.058 | 4.185 | 4.328 | 4.436 | 1.545 | 1.529 | 1.996 | 2.009 | 2.022 | 2.030 |
| 167961.443908913 | 167961.44 | 3908913.11 | FENCEGRD | 3.896 | 4.053 | 4.233 | 4.380 | 1.631 | 1.361 | 1.989 | 2.010 | 2.032 | 2.051 |
| 167682.413908674 | 167682.41 | 3908674.45 | FENCEGRD | 1.223 | 1.152 | 1.076 | 1.016 | 0.435 | 0.399 | 0.469 | 0.454 | 0.439 | 0.426 |
| 167661.513908687 | 167661.51 | 3908687.54 | FENCEGRD | 1.103 | 1.039 | 0.972 | 0.920 | 0.396 | 0.335 | 0.413 | 0.400 | 0.387 | 0.376 |
| 167640.613908700 | 167640.61 | 3908700.62 | FENCEGRD | 0.992 | 0.936 | 0.879 | 0.835 | 0.359 | 0.282 | 0.362 | 0.351 | 0.341 | 0.331 |
| 167619.713908713 | 167619.71 | 3908713.71 | FENCEGRD | 0.895 | 0.848 | 0.799 | 0.761 | 0.325 | 0.241 | 0.319 | 0.310 | 0.301 | 0.293 |
| 167598.823908726 | 167598.82 | 3908726.79 | FENCEGRD | 0.807 | 0.767 | 0.723 | 0.689 | 0.293 | 0.209 | 0.282 | 0.275 | 0.267 | 0.261 |
| 167577.923908739 | 167577.92 | 3908739.87 | FENCEGRD | 0.727 | 0.690 | 0.650 | 0.618 | 0.267 | 0.187 | 0.251 | 0.245 | 0.238 | 0.232 |
| 167679.163908634 | 167679.16 | 3908634.27 | FENCEGRD | 1.061 | 1.004 | 0.943 | 0.896 | 0.394 | 0.364 | 0.422 | 0.409 | 0.397 | 0.385 |
| 167702.443908636 | 167702.44 | 3908636.48 | FENCEGRD | 1.239 | 1.171 | 1.098 | 1.040 | 0.450 | 0.454 | 0.498 | 0.483 | 0.468 | 0.455 |
| 167725.723908638 | 167725.72 | 3908638.68 | FENCEGRD | 1.440 | 1.362 | 1.278 | 1.210 | 0.512 | 0.569 | 0.587 | 0.569 | 0.552 | 0.536 |
| 167749.013908640 | 167749.01 | 3908640.88 | FENCEGRD | 1.631 | 1.569 | 1.489 | 1.412 | 0.583 | 0.675 | 0.687 | 0.670 | 0.652 | 0.633 |
| 167772.293908643 | 167772.29 | 3908643.08 | FENCEGRD | 1.746 | 1.685 | 1.624 | 1.575 | 0.659 | 0.779 | 0.744 | 0.731 | 0.716 | 0.703 |
| 167795.573908645 | 167795.57 | 3908645.28 | FENCEGRD | 1.847 | 1.785 | 1.720 | 1.667 | 0.680 | 0.893 | 0.784 | 0.770 | 0.755 | 0.741 |
| 167818.863908647 | 167818.86 | 3908647.48 | FENCEGRD | 1.982 | 1.918 | 1.856 | 1.802 | 0.715 | 1.038 | 0.842 | 0.829 | 0.814 | 0.800 |
| 167842.143908649 | 167842.14 | 3908649.68 | FENCEGRD | 2.125 | 2.065 | 2.008 | 1.958 | 0.761 | 1.195 | 0.908 | 0.895 | 0.881 | 0.868 |
| 167865.423908651 | 167865.42 | 3908651.88 | FENCEGRD | 2.241 | 2.193 | 2.137 | 2.091 | 0.800 | 1.341 | 0.964 | 0.953 | 0.940 | 0.929 |
| 167888.713908654 | 167888.71 | 3908654.08 | FENCEGRD | 2.343 | 2.299 | 2.249 | 2.209 | 0.837 | 1.476 | 1 | | | |

AERMOD Output Concentrations with Unitized Emission Rate

| XY | X | Y | REC TYPE | AERMOD Concentrations (µg/m ³) at 1 g/s | | | | | | | | | |
|------------------|-----------|------------|----------|---|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.853908937 | 168005.85 | 3908937.31 | FENCEGRD | 3.342 | 3.506 | 3.693 | 3.852 | 1.653 | 1.012 | 1.695 | 1.724 | 1.753 | 1.780 |
| 167655.873908632 | 167655.87 | 3908632.07 | FENCEGRD | 0.911 | 0.865 | 0.816 | 0.778 | 0.344 | 0.296 | 0.357 | 0.346 | 0.337 | 0.328 |
| 167634.983908645 | 167634.98 | 3908645.16 | FENCEGRD | 0.834 | 0.793 | 0.751 | 0.718 | 0.314 | 0.254 | 0.318 | 0.309 | 0.301 | 0.293 |
| 167614.083908658 | 167614.08 | 3908658.24 | FENCEGRD | 0.766 | 0.731 | 0.693 | 0.664 | 0.287 | 0.220 | 0.284 | 0.277 | 0.270 | 0.264 |
| 167593.183908671 | 167593.18 | 3908671.33 | FENCEGRD | 0.706 | 0.674 | 0.639 | 0.612 | 0.262 | 0.193 | 0.256 | 0.250 | 0.244 | 0.239 |
| 167572.283908684 | 167572.28 | 3908684.41 | FENCEGRD | 0.645 | 0.615 | 0.582 | 0.556 | 0.240 | 0.170 | 0.231 | 0.226 | 0.220 | 0.215 |
| 167551.383908697 | 167551.38 | 3908697.49 | FENCEGRD | 0.580 | 0.553 | 0.523 | 0.500 | 0.221 | 0.152 | 0.206 | 0.201 | 0.196 | 0.192 |
| 167653.563908591 | 167653.56 | 3908591.98 | FENCEGRD | 0.816 | 0.778 | 0.738 | 0.706 | 0.318 | 0.280 | 0.329 | 0.321 | 0.312 | 0.304 |
| 167677.773908594 | 167677.77 | 3908594.27 | FENCEGRD | 0.940 | 0.894 | 0.844 | 0.804 | 0.363 | 0.341 | 0.386 | 0.375 | 0.365 | 0.355 |
| 167701.993908596 | 167701.99 | 3908596.56 | FENCEGRD | 1.097 | 1.041 | 0.981 | 0.933 | 0.417 | 0.425 | 0.459 | 0.445 | 0.432 | 0.421 |
| 167726.23908598 | 167726.20 | 3908598.85 | FENCEGRD | 1.267 | 1.211 | 1.141 | 1.085 | 0.477 | 0.510 | 0.543 | 0.527 | 0.512 | 0.498 |
| 167750.413908601 | 167750.41 | 3908601.14 | FENCEGRD | 1.372 | 1.326 | 1.280 | 1.246 | 0.544 | 0.587 | 0.606 | 0.595 | 0.584 | 0.573 |
| 167774.633908603 | 167774.63 | 3908603.43 | FENCEGRD | 1.476 | 1.425 | 1.373 | 1.331 | 0.585 | 0.674 | 0.649 | 0.638 | 0.625 | 0.614 |
| 167798.843908605 | 167798.84 | 3908605.72 | FENCEGRD | 1.587 | 1.535 | 1.481 | 1.436 | 0.612 | 0.779 | 0.698 | 0.686 | 0.673 | 0.661 |
| 167823.063908608 | 167823.06 | 3908608.00 | FENCEGRD | 1.717 | 1.666 | 1.609 | 1.563 | 0.650 | 0.904 | 0.757 | 0.745 | 0.731 | 0.719 |
| 167847.273908610 | 167847.27 | 3908610.29 | FENCEGRD | 1.851 | 1.804 | 1.749 | 1.706 | 0.695 | 1.039 | 0.820 | 0.808 | 0.796 | 0.785 |
| 167871.493908612 | 167871.49 | 3908612.58 | FENCEGRD | 1.962 | 1.920 | 1.875 | 1.831 | 0.734 | 1.167 | 0.875 | 0.865 | 0.853 | 0.842 |
| 167895.73908614 | 167895.70 | 3908614.87 | FENCEGRD | 2.058 | 2.021 | 1.981 | 1.941 | 0.770 | 1.283 | 0.925 | 0.915 | 0.905 | 0.895 |
| 167919.923908617 | 167919.92 | 3908617.16 | FENCEGRD | 2.139 | 2.105 | 2.070 | 2.034 | 0.802 | 1.390 | 0.969 | 0.960 | 0.951 | 0.942 |
| 167944.133908619 | 167944.13 | 3908619.45 | FENCEGRD | 2.200 | 2.168 | 2.137 | 2.108 | 0.827 | 1.488 | 1.006 | 0.998 | 0.988 | 0.980 |
| 167968.353908621 | 167968.35 | 3908621.74 | FENCEGRD | 2.315 | 2.283 | 2.248 | 2.220 | 0.875 | 1.603 | 1.070 | 1.062 | 1.053 | 1.044 |
| 167996.663908648 | 167996.66 | 3908648.00 | FENCEGRD | 2.716 | 2.683 | 2.651 | 2.622 | 1.038 | 1.928 | 1.292 | 1.284 | 1.275 | 1.267 |
| 168000.763908671 | 168000.76 | 3908671.98 | FENCEGRD | 2.951 | 2.919 | 2.886 | 2.856 | 1.100 | 2.051 | 1.396 | 1.388 | 1.379 | 1.371 |
| 168004.863908695 | 168004.86 | 3908695.95 | FENCEGRD | 3.178 | 3.149 | 3.120 | 3.090 | 1.174 | 2.104 | 1.487 | 1.480 | 1.470 | 1.462 |
| 168008.963908719 | 168008.96 | 3908719.92 | FENCEGRD | 3.377 | 3.355 | 3.333 | 3.309 | 1.230 | 2.070 | 1.555 | 1.548 | 1.538 | 1.530 |
| 168013.053908743 | 168013.05 | 3908743.90 | FENCEGRD | 3.546 | 3.538 | 3.529 | 3.513 | 1.272 | 1.975 | 1.616 | 1.610 | 1.602 | 1.594 |
| 168017.153908767 | 168017.15 | 3908767.87 | FENCEGRD | 3.714 | 3.725 | 3.737 | 3.737 | 1.344 | 1.859 | 1.696 | 1.693 | 1.689 | 1.684 |
| 168021.253908791 | 168021.25 | 3908791.85 | FENCEGRD | 3.817 | 3.851 | 3.889 | 3.911 | 1.409 | 1.713 | 1.751 | 1.753 | 1.754 | 1.753 |
| 168025.353908815 | 168025.35 | 3908815.82 | FENCEGRD | 3.842 | 3.904 | 3.972 | 4.017 | 1.467 | 1.562 | 1.780 | 1.787 | 1.794 | 1.799 |
| 168029.453908839 | 168029.45 | 3908839.80 | FENCEGRD | 3.796 | 3.881 | 3.977 | 4.051 | 1.520 | 1.413 | 1.782 | 1.795 | 1.808 | 1.819 |
| 168033.553908863 | 168033.55 | 3908863.77 | FENCEGRD | 3.681 | 3.786 | 3.906 | 4.003 | 1.562 | 1.272 | 1.759 | 1.776 | 1.794 | 1.810 |
| 168037.653908887 | 168037.65 | 3908887.75 | FENCEGRD | 3.488 | 3.611 | 3.751 | 3.867 | 1.586 | 1.138 | 1.706 | 1.727 | 1.749 | 1.769 |
| 168041.743908911 | 168041.74 | 3908911.72 | FENCEGRD | 3.212 | 3.348 | 3.504 | 3.637 | 1.589 | 1.014 | 1.624 | 1.649 | 1.675 | 1.698 |
| 168045.843908935 | 168045.84 | 3908935.70 | FENCEGRD | 2.857 | 3.000 | 3.166 | 3.310 | 1.569 | 0.901 | 1.515 | 1.542 | 1.571 | 1.598 |
| 168049.943908959 | 168049.94 | 3908959.67 | FENCEGRD | 2.458 | 2.596 | 2.759 | 2.904 | 1.528 | 0.800 | 1.380 | 1.409 | 1.440 | 1.469 |
| 167629.343908589 | 167629.34 | 3908589.69 | FENCEGRD | 0.721 | 0.690 | 0.657 | 0.631 | 0.281 | 0.235 | 0.285 | 0.279 | 0.272 | 0.266 |
| 167608.443908602 | 167608.44 | 3908602.78 | FENCEGRD | 0.672 | 0.645 | 0.615 | 0.591 | 0.258 | 0.206 | 0.259 | 0.253 | 0.248 | 0.242 |
| 167587.553908615 | 167587.55 | 3908615.86 | FENCEGRD | 0.625 | 0.599 | 0.571 | 0.549 | 0.238 | 0.181 | 0.236 | 0.231 | 0.226 | 0.221 |
| 167566.653908628 | 167566.65 | 3908628.95 | FENCEGRD | 0.577 | 0.552 | 0.525 | 0.504 | 0.220 | 0.161 | 0.214 | 0.210 | 0.205 | 0.201 |
| 167545.753908642 | 167545.75 | 3908642.03 | FENCEGRD | 0.526 | 0.503 | 0.478 | 0.458 | 0.203 | 0.144 | 0.194 | 0.189 | 0.185 | 0.181 |
| 167524.853908655 | 167524.85 | 3908655.11 | FENCEGRD | 0.476 | 0.455 | 0.433 | 0.415 | 0.189 | 0.129 | 0.173 | 0.169 | 0.165 | 0.161 |
| 167600.493908507 | 167600.49 | 3908507.23 | FENCEGRD | 0.566 | 0.547 | 0.525 | 0.507 | 0.227 | 0.197 | 0.233 | 0.229 | 0.224 | 0.220 |
| 167624.73908509 | 167624.70 | 3908509.51 | FENCEGRD | 0.614 | 0.591 | 0.567 | 0.547 | 0.250 | 0.223 | 0.257 | 0.251 | 0.246 | 0.241 |
| 167648.923908511 | 167648.92 | 3908511.80 | FENCEGRD | 0.674 | 0.647 | 0.619 | 0.596 | 0.277 | 0.257 | 0.288 | 0.281 | 0.275 | 0.269 |
| 167673.133908514 | 167673.13 | 3908514.09 | FENCEGRD | 0.751 | 0.719 | 0.685 | 0.658 | 0.309 | 0.299 | 0.327 | 0.319 | 0.311 | 0.304 |
| 167697.353908516 | 167697.35 | 3908516.38 | FENCEGRD | 0.841 | 0.804 | 0.764 | 0.732 | 0.345 | 0.351 | 0.373 | 0.363 | 0.354 | 0.345 |
| 167721.563908518 | 167721.56 | 3908518.67 | FENCEGRD | 0.950 | 0.908 | 0.862 | 0.825 | 0.386 | 0.417 | 0.428 | 0.417 | 0.407 | 0.397 |
| 167745.783908520 | 167745.78 | 3908520.96 | FENCEGRD | 1.049 | 1.020 | 0.981 | 0.942 | 0.438 | 0.473 | 0.492 | 0.483 | 0.472 | 0.462 |
| 167769.993908523 | 167769.99 | 3908523.25 | FENCEGRD | 1.113 | 1.079 | 1.044 | 1.017 | 0.486 | 0.524 | 0.523 | 0.515 | 0.506 | 0.497 |
| 167794.213908525 | 167794.21 | 3908525.54 | FENCEGRD | 1.187 | 1.150 | 1.112 | 1.082 | 0.504 | 0.586 | 0.557 | 0.548 | 0.538 | 0.529 |
| 167818.423908527 | 167818.42 | 3908527.82 | FENCEGRD | 1.289 | 1.251 | 1.212 | 1.179 | 0.538 | 0.672 | 0.606 | 0.597 | 0.587 | 0.577 |
| 167842.643908530 | 167842.64 | 3908530.11 | FENCEGRD | 1.402 | 1.365 | 1.325 | 1.292 | 0.579 | 0.770 | 0.662 | 0.653 | 0.643 | 0.633 |
| 167866.853908532 | 167866.85 | 3908532.40 | FENCEGRD | 1.502 | 1.467 | 1.429 | 1.397 | 0.616 | 0.867 | 0.713 | 0.704 | 0.694 | 0.685 |
| 167891.073908534 | 167891.07 | 3908534.69 | FENCEGRD | 1.597 | 1.560 | 1.526 | 1.495 | 0.651 | 0.962 | 0.761 | 0.753 | 0.743 | 0.735 |
| 167915.283908536 | 167915.28 | 3908536.98 | FENCEGRD | 1.676 | 1.642 | 1.612 | 1.584 | 0.683 | 1.048 | 0.804 | 0.797 | 0.788 | 0.780 |
| 167939.493908539 | 167939.49 | 3908539.27 | FENCEGRD | 1.748 | 1.721 | 1.694 | 1.669 | 0.716 | 1.132 | 0.848 | 0.841 | 0.833 | 0.826 |
| 167963.713908541 | 167963.71 | 3908541.56 | FENCEGRD | 1.820 | 1.795 | 1.770 | 1.748 | 0.750 | 1.214 | 0.891 | 0.884 | 0.877 | 0.871 |
| 167987.923908543 | 167987.92 | 3908543.84 | FENCEGRD | 1.904 | 1.880 | 1.857 | 1.836 | 0.794 | 1.312 | 0.946 | 0.940 | 0.934 | 0.928 |
| 168012.143908546 | 168012.14 | 3908546.13 | FENCEGRD | 2.022 | 1.998 | 1.973 | 1.942 | 0.833 | 1.467 | 1.042 | 1.037 | 1.030 | 1.020 |
| 168036.353908548 | 168036.35 | 3908548.42 | FENCEGRD | 2.077 | 2.035 | 1.989 | 1.948 | 0.833 | 1.575 | 1.067 | 1.053 | 1.039 | 1.026 |
| 168064.673908574 | 168064.67 | 3908574.69 | FENCEGRD | 2.279 | 2.248 | 2.208 | 2.165 | 0.918 | 1.725 | 1.190 | 1.178 | 1.164 | 1.149 |
| 168068.773908598 | 168068.77 | 3908598.66 | FENCEGRD | 2.433 | 2.409 | 2.380 | 2.345 | 0.981 | 1.803 | 1.265 | 1.260 | 1.249 | 1.238 |
| 168072.863908622 | 168072.86 | 3908622.64 | FENCEGRD | 2.601 | 2.578 | 2.553 | 2.523 | 1.041 | 1.873 | 1.344 | 1.339 | 1.331 | 1.320 |
| 168076.963908646 | 168076.96 | 3908646.61 | FENCEGRD | 2.776 | 2.757 | 2.731 | 2.692 | 1.096 | 1.931 | 1.433 | 1.425 | 1.415 | 1.401 |
| 168081.063908670 | 168081.06 | 3908670.58 | FENCEGRD | 2.931 | 2.920 | 2.907 | 2.887 | 1.173 | 1.917 | 1.504 | 1.501 | 1.498 | 1.492 |
| 168085.163908694 | 168085.16 | 3908694.56 | FENCEGRD | 3.052 | 3.052 | 3.053 | 3.047 | 1.247 | 1.834 | 1.535 | 1.534 | 1.531 | 1.529 |
| 168089.263908718 | 168089.26 | 3908718.53 | FENCEGRD | 3.135 | 3.151 | 3.167 | 3.174 | 1.276 | 1.727 | 1.560 | 1.561 | 1.561 | 1.561 |
| 168093.363908742 | 168093.36 | 3908742.51 | FENCEGRD | 3.182 | 3.213 | 3.248 | 3.270 | 1.313 | 1.606 | 1.581 | 1.585 | 1.589 | 1.591 |
| 168097.463908766 | 168097.46 | 3908766.48 | FENCEGRD | 3.196 | 3.244 | 3.297 | 3.336 | 1.355 | 1.484 | 1.595 | 1.603 | 1.611 | 1.617 |
| 168101.553908790 | 168101.55 | 3908790.46 | FENCEGRD | 3.185 | 3.248 | 3.319 | 3.374 | 1.402 | 1.370 | 1.602 | 1.614 | 1.625 | 1.635 |
| 168105.653908814 | 168105.65 | 3908814.43 | FENCEGRD | 3.133 | 3.208 | 3.295 | 3.365 | 1.439 | 1.256 | 1.589 | 1.604 | 1.619 | 1.633 |
| 168109.753908838 | 168109.75 | 3908838.41 | FENCEGRD | 3.021 | 3.108 | 3.209 | 3.293 | 1.457 | 1.139 | 1.550 | 1.568 | 1.586 | 1.603 |
| 168113.853908862 | 168113.85 | 3908862.38 | FENCEGRD | 2.838 | 2.935 | 3.048 | 3.143 | 1.450 | 1.021 | 1.484 | 1.504 | 1.524 | 1.543 |
| 168117.953908886 | 168117.95 | 3908886.36 | FENCEGRD | 2.641 | 2.748 | 2.871 | 2.977 | 1.445 | 0.919 | 1.41 | | | |

AERMOD Output Concentrations with Unitized Emission Rate

| XY | X | Y | REC TYPE | AERMOD Concentrations (µg/m ³) at 1 g/s | | | | | | | | | |
|------------------|-----------|------------|----------|---|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167471.793908570 | 167471.79 | 3908570.36 | FENCEGRD | 0.360 | 0.346 | 0.332 | 0.320 | 0.151 | 0.105 | 0.133 | 0.130 | 0.127 | 0.125 |
| 167547.423908422 | 167547.42 | 3908422.47 | FENCEGRD | 0.400 | 0.394 | 0.388 | 0.383 | 0.187 | 0.143 | 0.180 | 0.179 | 0.177 | 0.175 |
| 167571.643908424 | 167571.64 | 3908424.76 | FENCEGRD | 0.436 | 0.430 | 0.425 | 0.421 | 0.204 | 0.161 | 0.197 | 0.195 | 0.193 | 0.192 |
| 167595.853908427 | 167595.85 | 3908427.04 | FENCEGRD | 0.474 | 0.468 | 0.463 | 0.460 | 0.220 | 0.182 | 0.216 | 0.214 | 0.212 | 0.211 |
| 167620.073908429 | 167620.07 | 3908429.33 | FENCEGRD | 0.514 | 0.507 | 0.502 | 0.498 | 0.237 | 0.205 | 0.238 | 0.236 | 0.233 | 0.231 |
| 167644.283908431 | 167644.28 | 3908431.62 | FENCEGRD | 0.560 | 0.552 | 0.545 | 0.532 | 0.257 | 0.232 | 0.263 | 0.261 | 0.257 | 0.253 |
| 167668.53908433. | 167668.50 | 3908433.91 | FENCEGRD | 0.616 | 0.605 | 0.589 | 0.571 | 0.279 | 0.264 | 0.293 | 0.289 | 0.284 | 0.278 |
| 167692.713908436 | 167692.71 | 3908436.20 | FENCEGRD | 0.684 | 0.664 | 0.638 | 0.615 | 0.304 | 0.301 | 0.326 | 0.319 | 0.312 | 0.305 |
| 167716.933908438 | 167716.93 | 3908438.49 | FENCEGRD | 0.753 | 0.727 | 0.696 | 0.670 | 0.331 | 0.344 | 0.361 | 0.354 | 0.345 | 0.338 |
| 167741.143908440 | 167741.14 | 3908440.78 | FENCEGRD | 0.827 | 0.798 | 0.764 | 0.735 | 0.362 | 0.391 | 0.402 | 0.393 | 0.384 | 0.376 |
| 167765.363908443 | 167765.36 | 3908443.07 | FENCEGRD | 0.888 | 0.866 | 0.843 | 0.816 | 0.400 | 0.437 | 0.443 | 0.437 | 0.430 | 0.422 |
| 167789.573908445 | 167789.57 | 3908445.35 | FENCEGRD | 0.947 | 0.922 | 0.896 | 0.875 | 0.440 | 0.482 | 0.473 | 0.466 | 0.459 | 0.452 |
| 167813.783908447 | 167813.78 | 3908447.64 | FENCEGRD | 1.020 | 0.993 | 0.965 | 0.942 | 0.466 | 0.540 | 0.510 | 0.503 | 0.495 | 0.488 |
| 1678383908449.93 | 167838.00 | 3908449.93 | FENCEGRD | 1.095 | 1.067 | 1.038 | 1.014 | 0.492 | 0.603 | 0.548 | 0.541 | 0.533 | 0.525 |
| 167862.213908452 | 167862.21 | 3908452.22 | FENCEGRD | 1.183 | 1.155 | 1.126 | 1.101 | 0.528 | 0.681 | 0.596 | 0.588 | 0.580 | 0.573 |
| 167886.433908454 | 167886.43 | 3908454.51 | FENCEGRD | 1.269 | 1.242 | 1.213 | 1.188 | 0.565 | 0.762 | 0.643 | 0.636 | 0.628 | 0.621 |
| 167910.643908456 | 167910.64 | 3908456.80 | FENCEGRD | 1.346 | 1.320 | 1.292 | 1.269 | 0.598 | 0.838 | 0.687 | 0.680 | 0.673 | 0.666 |
| 167934.863908459 | 167934.86 | 3908459.09 | FENCEGRD | 1.417 | 1.393 | 1.367 | 1.345 | 0.630 | 0.913 | 0.729 | 0.723 | 0.716 | 0.710 |
| 167959.073908461 | 167959.07 | 3908461.38 | FENCEGRD | 1.493 | 1.471 | 1.449 | 1.428 | 0.669 | 0.999 | 0.781 | 0.776 | 0.770 | 0.765 |
| 167983.293908463 | 167983.29 | 3908463.66 | FENCEGRD | 1.565 | 1.544 | 1.522 | 1.495 | 0.685 | 1.088 | 0.834 | 0.830 | 0.823 | 0.815 |
| 168007.53908465. | 168007.50 | 3908465.95 | FENCEGRD | 1.617 | 1.584 | 1.547 | 1.513 | 0.688 | 1.178 | 0.856 | 0.845 | 0.835 | 0.824 |
| 168031.723908468 | 168031.72 | 3908468.24 | FENCEGRD | 1.625 | 1.593 | 1.557 | 1.524 | 0.692 | 1.199 | 0.860 | 0.849 | 0.839 | 0.830 |
| 168055.933908470 | 168055.93 | 3908470.53 | FENCEGRD | 1.652 | 1.621 | 1.585 | 1.554 | 0.707 | 1.240 | 0.881 | 0.870 | 0.860 | 0.850 |
| 168080.153908472 | 168080.15 | 3908472.82 | FENCEGRD | 1.682 | 1.651 | 1.616 | 1.585 | 0.723 | 1.285 | 0.905 | 0.894 | 0.884 | 0.875 |
| 168104.363908475 | 168104.36 | 3908475.11 | FENCEGRD | 1.714 | 1.683 | 1.649 | 1.619 | 0.742 | 1.331 | 0.933 | 0.922 | 0.911 | 0.901 |
| 168132.673908501 | 168132.67 | 3908501.37 | FENCEGRD | 1.897 | 1.866 | 1.831 | 1.800 | 0.823 | 1.512 | 1.049 | 1.037 | 1.025 | 1.014 |
| 168136.773908525 | 168136.77 | 3908525.35 | FENCEGRD | 2.033 | 2.006 | 1.971 | 1.938 | 0.878 | 1.592 | 1.127 | 1.114 | 1.102 | 1.090 |
| 168140.873908549 | 168140.87 | 3908549.32 | FENCEGRD | 2.159 | 2.138 | 2.113 | 2.080 | 0.933 | 1.650 | 1.199 | 1.190 | 1.179 | 1.167 |
| 168144.973908573 | 168144.97 | 3908573.30 | FENCEGRD | 2.286 | 2.268 | 2.236 | 2.203 | 0.978 | 1.710 | 1.262 | 1.251 | 1.239 | 1.227 |
| 168149.073908597 | 168149.07 | 3908597.27 | FENCEGRD | 2.407 | 2.395 | 2.381 | 2.364 | 1.048 | 1.714 | 1.327 | 1.324 | 1.321 | 1.314 |
| 168153.173908621 | 168153.17 | 3908621.24 | FENCEGRD | 2.503 | 2.499 | 2.495 | 2.487 | 1.108 | 1.666 | 1.346 | 1.345 | 1.342 | 1.340 |
| 168157.273908645 | 168157.27 | 3908645.22 | FENCEGRD | 2.589 | 2.594 | 2.600 | 2.600 | 1.141 | 1.624 | 1.380 | 1.380 | 1.379 | 1.379 |
| 168161.363908669 | 168161.36 | 3908669.19 | FENCEGRD | 2.668 | 2.683 | 2.699 | 2.708 | 1.193 | 1.580 | 1.423 | 1.426 | 1.428 | 1.430 |
| 168165.463908693 | 168165.46 | 3908693.17 | FENCEGRD | 2.698 | 2.724 | 2.754 | 2.774 | 1.220 | 1.491 | 1.434 | 1.439 | 1.443 | 1.447 |
| 168169.563908717 | 168169.56 | 3908717.14 | FENCEGRD | 2.689 | 2.727 | 2.770 | 2.802 | 1.241 | 1.386 | 1.428 | 1.436 | 1.443 | 1.449 |
| 168173.663908741 | 168173.66 | 3908741.12 | FENCEGRD | 2.648 | 2.695 | 2.750 | 2.794 | 1.257 | 1.279 | 1.411 | 1.421 | 1.431 | 1.440 |
| 168177.763908765 | 168177.76 | 3908765.09 | FENCEGRD | 2.617 | 2.673 | 2.737 | 2.790 | 1.286 | 1.190 | 1.403 | 1.415 | 1.427 | 1.439 |
| 168181.863908789 | 168181.86 | 3908789.07 | FENCEGRD | 2.580 | 2.643 | 2.717 | 2.778 | 1.315 | 1.108 | 1.392 | 1.407 | 1.421 | 1.435 |
| 168185.963908813 | 168185.96 | 3908813.04 | FENCEGRD | 2.482 | 2.553 | 2.635 | 2.705 | 1.318 | 1.015 | 1.353 | 1.369 | 1.385 | 1.400 |
| 168190.053908837 | 168190.05 | 3908837.02 | FENCEGRD | 2.336 | 2.414 | 2.504 | 2.580 | 1.303 | 0.920 | 1.294 | 1.311 | 1.329 | 1.346 |
| 168194.153908860 | 168194.15 | 3908860.99 | FENCEGRD | 2.163 | 2.245 | 2.341 | 2.424 | 1.281 | 0.831 | 1.224 | 1.243 | 1.262 | 1.280 |
| 168198.253908884 | 168198.25 | 3908884.97 | FENCEGRD | 1.981 | 2.064 | 2.161 | 2.247 | 1.256 | 0.752 | 1.147 | 1.167 | 1.187 | 1.206 |
| 168202.353908908 | 168202.35 | 3908908.94 | FENCEGRD | 1.745 | 1.823 | 1.915 | 1.997 | 1.199 | 0.669 | 1.042 | 1.061 | 1.081 | 1.100 |
| 168206.453908932 | 168206.45 | 3908932.92 | FENCEGRD | 1.528 | 1.597 | 1.679 | 1.754 | 1.138 | 0.599 | 0.937 | 0.955 | 0.974 | 0.992 |
| 168210.553908956 | 168210.55 | 3908956.89 | FENCEGRD | 1.354 | 1.412 | 1.482 | 1.547 | 1.075 | 0.539 | 0.841 | 0.857 | 0.874 | 0.890 |
| 168214.653908980 | 168214.65 | 3908980.87 | FENCEGRD | 1.221 | 1.270 | 1.328 | 1.382 | 1.009 | 0.488 | 0.757 | 0.771 | 0.784 | 0.799 |
| 168218.743909004 | 168218.74 | 3909004.84 | FENCEGRD | 1.096 | 1.138 | 1.187 | 1.233 | 0.931 | 0.442 | 0.681 | 0.692 | 0.703 | 0.715 |
| 168222.843909028 | 168222.84 | 3909028.82 | FENCEGRD | 0.976 | 1.014 | 1.058 | 1.098 | 0.849 | 0.402 | 0.616 | 0.625 | 0.635 | 0.644 |
| 168226.943909052 | 168226.94 | 3909052.79 | FENCEGRD | 0.860 | 0.894 | 0.934 | 0.971 | 0.770 | 0.369 | 0.560 | 0.568 | 0.577 | 0.585 |
| 167523.213908420 | 167523.21 | 3908420.18 | FENCEGRD | 0.365 | 0.359 | 0.352 | 0.348 | 0.173 | 0.128 | 0.165 | 0.163 | 0.161 | 0.159 |
| 167502.313908433 | 167502.31 | 3908433.26 | FENCEGRD | 0.355 | 0.350 | 0.344 | 0.341 | 0.172 | 0.120 | 0.158 | 0.156 | 0.154 | 0.152 |
| 167481.413908446 | 167481.41 | 3908446.35 | FENCEGRD | 0.348 | 0.343 | 0.340 | 0.335 | 0.163 | 0.114 | 0.151 | 0.150 | 0.148 | 0.146 |
| 167460.513908459 | 167460.51 | 3908459.43 | FENCEGRD | 0.344 | 0.336 | 0.324 | 0.313 | 0.151 | 0.109 | 0.140 | 0.138 | 0.135 | 0.133 |
| 167439.623908472 | 167439.62 | 3908472.51 | FENCEGRD | 0.324 | 0.313 | 0.301 | 0.292 | 0.139 | 0.103 | 0.126 | 0.124 | 0.121 | 0.119 |
| 167418.723908485 | 167418.72 | 3908485.60 | FENCEGRD | 0.302 | 0.292 | 0.281 | 0.272 | 0.128 | 0.095 | 0.114 | 0.112 | 0.110 | 0.108 |
| 167494.363908337 | 167494.36 | 3908337.71 | FENCEGRD | 0.237 | 0.233 | 0.228 | 0.224 | 0.126 | 0.097 | 0.121 | 0.119 | 0.117 | 0.116 |
| 167518.573908340 | 167518.57 | 3908340.00 | FENCEGRD | 0.264 | 0.259 | 0.254 | 0.250 | 0.135 | 0.108 | 0.132 | 0.131 | 0.129 | 0.128 |
| 167542.793908342 | 167542.79 | 3908342.29 | FENCEGRD | 0.292 | 0.287 | 0.282 | 0.278 | 0.145 | 0.120 | 0.144 | 0.142 | 0.141 | 0.139 |
| 1675673908344.57 | 167567.00 | 3908344.57 | FENCEGRD | 0.318 | 0.313 | 0.308 | 0.304 | 0.156 | 0.133 | 0.155 | 0.154 | 0.152 | 0.151 |
| 167591.223908346 | 167591.22 | 3908346.86 | FENCEGRD | 0.342 | 0.337 | 0.333 | 0.329 | 0.169 | 0.148 | 0.168 | 0.166 | 0.164 | 0.163 |
| 167615.433908349 | 167615.43 | 3908349.15 | FENCEGRD | 0.367 | 0.361 | 0.356 | 0.352 | 0.183 | 0.164 | 0.181 | 0.179 | 0.177 | 0.175 |
| 167639.653908351 | 167639.65 | 3908351.44 | FENCEGRD | 0.394 | 0.387 | 0.380 | 0.376 | 0.198 | 0.181 | 0.197 | 0.194 | 0.192 | 0.190 |
| 167663.863908353 | 167663.86 | 3908353.73 | FENCEGRD | 0.429 | 0.420 | 0.411 | 0.405 | 0.217 | 0.201 | 0.216 | 0.213 | 0.210 | 0.208 |
| 167688.073908356 | 167688.07 | 3908356.02 | FENCEGRD | 0.473 | 0.462 | 0.451 | 0.443 | 0.240 | 0.226 | 0.240 | 0.237 | 0.233 | 0.230 |
| 167712.293908358 | 167712.29 | 3908358.31 | FENCEGRD | 0.528 | 0.515 | 0.501 | 0.492 | 0.265 | 0.256 | 0.269 | 0.266 | 0.261 | 0.257 |
| 167736.53908360. | 167736.50 | 3908360.60 | FENCEGRD | 0.593 | 0.577 | 0.562 | 0.550 | 0.295 | 0.293 | 0.304 | 0.299 | 0.295 | 0.290 |
| 167760.723908362 | 167760.72 | 3908362.88 | FENCEGRD | 0.669 | 0.652 | 0.635 | 0.621 | 0.331 | 0.339 | 0.345 | 0.341 | 0.335 | 0.331 |
| 167784.933908365 | 167784.93 | 3908365.17 | FENCEGRD | 0.744 | 0.725 | 0.707 | 0.692 | 0.367 | 0.390 | 0.387 | 0.383 | 0.377 | 0.372 |
| 167809.153908367 | 167809.15 | 3908367.46 | FENCEGRD | 0.807 | 0.788 | 0.767 | 0.751 | 0.394 | 0.437 | 0.423 | 0.418 | 0.412 | 0.406 |
| 167833.363908369 | 167833.36 | 3908369.75 | FENCEGRD | 0.873 | 0.852 | 0.831 | 0.814 | 0.423 | 0.490 | 0.460 | 0.454 | 0.448 | 0.442 |
| 167857.583908372 | 167857.58 | 3908372.04 | FENCEGRD | 0.944 | 0.922 | 0.900 | 0.882 | 0.455 | 0.550 | 0.500 | 0.495 | 0.488 | 0.482 |
| 167881.793908374 | 167881.79 | 3908374.33 | FENCEGRD | 1.016 | 0.994 | 0.971 | 0.953 | 0.485 | 0.615 | 0.543 | 0.537 | 0.531 | 0.525 |
| 167906.013908376 | 167906.01 | 3908376.62 | FENCEGRD | 1.084 | 1.062 | 1.040 | 1.022 | 0.514 | 0.681 | 0.585 | 0.579 | 0.573 | 0.567 |
| 167930.223908378 | 167930.22 | 3908378.91 | FENCEGRD | 1.147 | 1.126 | 1.105 | 1.087 | 0.539 | 0.746 | 0.62 | | | |

AERMOD Output Concentrations with Unitized Emission Rate

| XY | X | Y | REC TYPE | AERMOD Concentrations (µg/m ³) at 1 g/s | | | | | | | | | |
|------------------|-----------|------------|----------|---|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168200.683908428 | 168200.68 | 3908428.06 | FENCEGRD | 1.623 | 1.600 | 1.574 | 1.550 | 0.759 | 1.332 | 0.954 | 0.944 | 0.935 | 0.926 |
| 168204.783908452 | 168204.78 | 3908452.03 | FENCEGRD | 1.722 | 1.702 | 1.675 | 1.651 | 0.802 | 1.394 | 1.013 | 1.002 | 0.993 | 0.984 |
| 168208.883908476 | 168208.88 | 3908476.01 | FENCEGRD | 1.819 | 1.803 | 1.781 | 1.756 | 0.847 | 1.449 | 1.070 | 1.063 | 1.053 | 1.044 |
| 168212.983908499 | 168212.98 | 3908499.98 | FENCEGRD | 1.916 | 1.902 | 1.887 | 1.871 | 0.898 | 1.483 | 1.123 | 1.121 | 1.116 | 1.109 |
| 168217.073908523 | 168217.07 | 3908523.96 | FENCEGRD | 2.005 | 1.996 | 1.985 | 1.973 | 0.955 | 1.486 | 1.152 | 1.150 | 1.147 | 1.145 |
| 168221.173908547 | 168221.17 | 3908547.93 | FENCEGRD | 2.084 | 2.079 | 2.074 | 2.067 | 0.978 | 1.474 | 1.177 | 1.176 | 1.173 | 1.171 |
| 168225.273908571 | 168225.27 | 3908571.90 | FENCEGRD | 2.162 | 2.162 | 2.163 | 2.160 | 1.014 | 1.468 | 1.215 | 1.214 | 1.213 | 1.212 |
| 168229.373908595 | 168229.37 | 3908595.88 | FENCEGRD | 2.235 | 2.242 | 2.250 | 2.253 | 1.062 | 1.461 | 1.259 | 1.260 | 1.261 | 1.262 |
| 168233.473908619 | 168233.47 | 3908619.85 | FENCEGRD | 2.295 | 2.309 | 2.324 | 2.333 | 1.108 | 1.439 | 1.297 | 1.300 | 1.303 | 1.306 |
| 168237.573908643 | 168237.57 | 3908643.83 | FENCEGRD | 2.335 | 2.356 | 2.380 | 2.396 | 1.150 | 1.398 | 1.323 | 1.329 | 1.334 | 1.339 |
| 168241.673908667 | 168241.67 | 3908667.80 | FENCEGRD | 2.355 | 2.383 | 2.415 | 2.439 | 1.183 | 1.337 | 1.336 | 1.344 | 1.351 | 1.358 |
| 168245.773908691 | 168245.77 | 3908691.78 | FENCEGRD | 2.355 | 2.390 | 2.431 | 2.462 | 1.209 | 1.265 | 1.337 | 1.347 | 1.356 | 1.365 |
| 168249.863908715 | 168249.86 | 3908715.75 | FENCEGRD | 2.332 | 2.373 | 2.421 | 2.459 | 1.224 | 1.182 | 1.323 | 1.334 | 1.345 | 1.356 |
| 168253.963908739 | 168253.96 | 3908739.73 | FENCEGRD | 2.262 | 2.310 | 2.365 | 2.410 | 1.214 | 1.081 | 1.280 | 1.293 | 1.305 | 1.317 |
| 168258.063908763 | 168258.06 | 3908763.70 | FENCEGRD | 2.132 | 2.184 | 2.245 | 2.296 | 1.177 | 0.972 | 1.211 | 1.224 | 1.236 | 1.249 |
| 168262.163908787 | 168262.16 | 3908787.68 | FENCEGRD | 2.012 | 2.069 | 2.136 | 2.192 | 1.154 | 0.887 | 1.159 | 1.172 | 1.186 | 1.198 |
| 168266.263908811 | 168266.26 | 3908811.65 | FENCEGRD | 1.880 | 1.942 | 2.013 | 2.073 | 1.131 | 0.810 | 1.103 | 1.118 | 1.132 | 1.146 |
| 168270.363908835 | 168270.36 | 3908835.63 | FENCEGRD | 1.720 | 1.783 | 1.857 | 1.921 | 1.099 | 0.734 | 1.036 | 1.052 | 1.067 | 1.082 |
| 168274.463908859 | 168274.46 | 3908859.60 | FENCEGRD | 1.552 | 1.614 | 1.687 | 1.752 | 1.062 | 0.664 | 0.963 | 0.978 | 0.994 | 1.009 |
| 168278.553908883 | 168278.55 | 3908883.58 | FENCEGRD | 1.409 | 1.468 | 1.537 | 1.600 | 1.029 | 0.603 | 0.891 | 0.906 | 0.922 | 0.937 |
| 168282.653908907 | 168282.65 | 3908907.55 | FENCEGRD | 1.273 | 1.326 | 1.389 | 1.447 | 0.988 | 0.548 | 0.816 | 0.831 | 0.845 | 0.860 |
| 168286.753908931 | 168286.75 | 3908931.53 | FENCEGRD | 1.137 | 1.182 | 1.237 | 1.287 | 0.933 | 0.496 | 0.738 | 0.751 | 0.764 | 0.778 |
| 168290.853908955 | 168290.85 | 3908955.50 | FENCEGRD | 1.018 | 1.055 | 1.100 | 1.142 | 0.869 | 0.450 | 0.666 | 0.677 | 0.688 | 0.699 |
| 168294.953908979 | 168294.95 | 3908979.48 | FENCEGRD | 0.923 | 0.954 | 0.992 | 1.027 | 0.804 | 0.410 | 0.604 | 0.613 | 0.623 | 0.632 |
| 168299.053909003 | 168299.05 | 3909003.45 | FENCEGRD | 0.825 | 0.854 | 0.887 | 0.918 | 0.734 | 0.374 | 0.549 | 0.557 | 0.565 | 0.573 |
| 168303.153909027 | 168303.15 | 3909027.42 | FENCEGRD | 0.737 | 0.765 | 0.797 | 0.825 | 0.669 | 0.343 | 0.505 | 0.512 | 0.519 | 0.526 |
| 168307.243909051 | 168307.24 | 3909051.40 | FENCEGRD | 0.656 | 0.681 | 0.711 | 0.739 | 0.611 | 0.317 | 0.465 | 0.472 | 0.478 | 0.485 |
| 168311.343909075 | 168311.34 | 3909075.37 | FENCEGRD | 0.584 | 0.606 | 0.633 | 0.658 | 0.561 | 0.294 | 0.427 | 0.433 | 0.440 | 0.446 |
| 168315.443909099 | 168315.44 | 3909099.35 | FENCEGRD | 0.524 | 0.543 | 0.565 | 0.586 | 0.518 | 0.273 | 0.389 | 0.395 | 0.401 | 0.407 |
| 167470.143908335 | 167470.14 | 3908335.42 | FENCEGRD | 0.215 | 0.211 | 0.207 | 0.204 | 0.118 | 0.088 | 0.110 | 0.108 | 0.107 | 0.105 |
| 167449.243908348 | 167449.24 | 3908348.50 | FENCEGRD | 0.210 | 0.207 | 0.203 | 0.200 | 0.116 | 0.083 | 0.104 | 0.102 | 0.101 | 0.100 |
| 167428.353908361 | 167428.35 | 3908361.59 | FENCEGRD | 0.205 | 0.202 | 0.198 | 0.196 | 0.111 | 0.078 | 0.098 | 0.096 | 0.095 | 0.094 |
| 167407.453908374 | 167407.45 | 3908374.67 | FENCEGRD | 0.201 | 0.198 | 0.196 | 0.194 | 0.107 | 0.074 | 0.093 | 0.092 | 0.090 | 0.090 |
| 167386.553908387 | 167386.55 | 3908387.76 | FENCEGRD | 0.198 | 0.195 | 0.192 | 0.191 | 0.103 | 0.071 | 0.088 | 0.087 | 0.086 | 0.085 |
| 167365.653908400 | 167365.65 | 3908400.84 | FENCEGRD | 0.190 | 0.187 | 0.185 | 0.184 | 0.097 | 0.068 | 0.083 | 0.082 | 0.081 | 0.080 |
| 167441.293908252 | 167441.29 | 3908252.95 | FENCEGRD | 0.156 | 0.154 | 0.151 | 0.150 | 0.097 | 0.074 | 0.089 | 0.088 | 0.087 | 0.086 |
| 167465.513908259 | 167465.51 | 3908255.24 | FENCEGRD | 0.175 | 0.172 | 0.169 | 0.167 | 0.104 | 0.081 | 0.098 | 0.097 | 0.096 | 0.095 |
| 167489.723908257 | 167489.72 | 3908257.53 | FENCEGRD | 0.198 | 0.194 | 0.191 | 0.188 | 0.111 | 0.090 | 0.108 | 0.107 | 0.106 | 0.104 |
| 167513.933908259 | 167513.93 | 3908259.82 | FENCEGRD | 0.224 | 0.220 | 0.216 | 0.214 | 0.120 | 0.100 | 0.119 | 0.117 | 0.116 | 0.115 |
| 167538.153908262 | 167538.15 | 3908262.11 | FENCEGRD | 0.252 | 0.249 | 0.245 | 0.242 | 0.130 | 0.112 | 0.130 | 0.129 | 0.127 | 0.126 |
| 167562.363908264 | 167562.36 | 3908264.39 | FENCEGRD | 0.280 | 0.277 | 0.273 | 0.270 | 0.141 | 0.124 | 0.142 | 0.140 | 0.139 | 0.138 |
| 167586.583908266 | 167586.58 | 3908266.68 | FENCEGRD | 0.305 | 0.302 | 0.299 | 0.296 | 0.154 | 0.138 | 0.154 | 0.153 | 0.151 | 0.150 |
| 167610.793908268 | 167610.79 | 3908268.97 | FENCEGRD | 0.330 | 0.326 | 0.323 | 0.320 | 0.168 | 0.153 | 0.167 | 0.166 | 0.164 | 0.163 |
| 167635.013908271 | 167635.01 | 3908271.26 | FENCEGRD | 0.356 | 0.351 | 0.346 | 0.344 | 0.183 | 0.169 | 0.182 | 0.180 | 0.178 | 0.176 |
| 167659.223908273 | 167659.22 | 3908273.55 | FENCEGRD | 0.380 | 0.374 | 0.369 | 0.364 | 0.198 | 0.185 | 0.196 | 0.194 | 0.192 | 0.190 |
| 167683.443908275 | 167683.44 | 3908275.84 | FENCEGRD | 0.410 | 0.403 | 0.396 | 0.390 | 0.215 | 0.204 | 0.215 | 0.212 | 0.209 | 0.207 |
| 167707.653908278 | 167707.65 | 3908278.13 | FENCEGRD | 0.446 | 0.437 | 0.428 | 0.421 | 0.233 | 0.226 | 0.235 | 0.232 | 0.229 | 0.226 |
| 167731.873908280 | 167731.87 | 3908280.41 | FENCEGRD | 0.487 | 0.476 | 0.465 | 0.457 | 0.254 | 0.251 | 0.259 | 0.256 | 0.252 | 0.249 |
| 167756.083908282 | 167756.08 | 3908282.70 | FENCEGRD | 0.533 | 0.521 | 0.508 | 0.498 | 0.276 | 0.280 | 0.285 | 0.282 | 0.277 | 0.274 |
| 167780.33908284. | 167780.30 | 3908284.99 | FENCEGRD | 0.585 | 0.572 | 0.558 | 0.547 | 0.301 | 0.315 | 0.315 | 0.311 | 0.307 | 0.303 |
| 167804.513908287 | 167804.51 | 3908287.28 | FENCEGRD | 0.640 | 0.626 | 0.611 | 0.599 | 0.328 | 0.354 | 0.347 | 0.343 | 0.338 | 0.334 |
| 167828.733908289 | 167828.73 | 3908289.57 | FENCEGRD | 0.694 | 0.678 | 0.662 | 0.650 | 0.353 | 0.395 | 0.379 | 0.375 | 0.369 | 0.365 |
| 167852.943908291 | 167852.94 | 3908291.86 | FENCEGRD | 0.747 | 0.730 | 0.713 | 0.700 | 0.378 | 0.438 | 0.410 | 0.405 | 0.400 | 0.395 |
| 167877.153908294 | 167877.15 | 3908294.15 | FENCEGRD | 0.800 | 0.783 | 0.765 | 0.751 | 0.403 | 0.484 | 0.441 | 0.436 | 0.431 | 0.426 |
| 167901.373908296 | 167901.37 | 3908296.44 | FENCEGRD | 0.853 | 0.836 | 0.818 | 0.803 | 0.427 | 0.532 | 0.473 | 0.468 | 0.463 | 0.458 |
| 167925.583908298 | 167925.58 | 3908298.72 | FENCEGRD | 0.907 | 0.890 | 0.872 | 0.857 | 0.453 | 0.583 | 0.506 | 0.501 | 0.496 | 0.491 |
| 167949.83908301. | 167949.80 | 3908301.01 | FENCEGRD | 0.976 | 0.959 | 0.942 | 0.924 | 0.479 | 0.655 | 0.557 | 0.552 | 0.547 | 0.542 |
| 167974.013908303 | 167974.01 | 3908303.30 | FENCEGRD | 1.020 | 0.996 | 0.969 | 0.945 | 0.482 | 0.717 | 0.575 | 0.566 | 0.558 | 0.551 |
| 167998.233908305 | 167998.23 | 3908305.59 | FENCEGRD | 1.039 | 1.016 | 0.990 | 0.967 | 0.489 | 0.735 | 0.584 | 0.576 | 0.569 | 0.561 |
| 168022.443908307 | 168022.44 | 3908307.88 | FENCEGRD | 1.060 | 1.038 | 1.013 | 0.991 | 0.499 | 0.759 | 0.597 | 0.590 | 0.583 | 0.576 |
| 168046.663908310 | 168046.66 | 3908310.17 | FENCEGRD | 1.089 | 1.068 | 1.044 | 1.023 | 0.515 | 0.792 | 0.617 | 0.610 | 0.603 | 0.596 |
| 168070.873908312 | 168070.87 | 3908312.46 | FENCEGRD | 1.118 | 1.098 | 1.075 | 1.054 | 0.531 | 0.828 | 0.639 | 0.631 | 0.625 | 0.618 |
| 168095.093908314 | 168095.09 | 3908314.75 | FENCEGRD | 1.144 | 1.124 | 1.102 | 1.082 | 0.546 | 0.860 | 0.658 | 0.651 | 0.644 | 0.638 |
| 168119.33908317. | 168119.30 | 3908317.03 | FENCEGRD | 1.169 | 1.150 | 1.128 | 1.109 | 0.561 | 0.894 | 0.678 | 0.671 | 0.665 | 0.658 |
| 168143.523908319 | 168143.52 | 3908319.32 | FENCEGRD | 1.198 | 1.179 | 1.158 | 1.139 | 0.579 | 0.935 | 0.702 | 0.694 | 0.688 | 0.682 |
| 168167.733908321 | 168167.73 | 3908321.61 | FENCEGRD | 1.224 | 1.205 | 1.184 | 1.165 | 0.594 | 0.972 | 0.723 | 0.716 | 0.709 | 0.703 |
| 168191.943908323 | 168191.94 | 3908323.90 | FENCEGRD | 1.244 | 1.225 | 1.204 | 1.185 | 0.607 | 1.001 | 0.741 | 0.733 | 0.727 | 0.720 |
| 168216.163908326 | 168216.16 | 3908326.19 | FENCEGRD | 1.271 | 1.252 | 1.231 | 1.213 | 0.625 | 1.041 | 0.765 | 0.758 | 0.751 | 0.744 |
| 168240.373908328 | 168240.37 | 3908328.48 | FENCEGRD | 1.293 | 1.274 | 1.254 | 1.235 | 0.640 | 1.072 | 0.786 | 0.779 | 0.772 | 0.765 |
| 168268.693908354 | 168268.69 | 3908354.74 | FENCEGRD | 1.398 | 1.380 | 1.359 | 1.340 | 0.695 | 1.178 | 0.861 | 0.853 | 0.846 | 0.838 |
| 168272.793908378 | 168272.79 | 3908378.72 | FENCEGRD | 1.479 | 1.462 | 1.441 | 1.422 | 0.733 | 1.234 | 0.913 | 0.904 | 0.897 | 0.889 |
| 168276.883908402 | 168276.88 | 3908402.69 | FENCEGRD | 1.556 | 1.543 | 1.529 | 1.510 | 0.775 | 1.275 | 0.964 | 0.958 | 0.952 | 0.944 |
| 168280.983908426 | 168280.98 | 3908426.67 | FENCEGRD | 1.633 | 1.622 | 1.609 | 1.596 | 0.817 | 1.309 | 1.005 | 1.003 | 1.000 | 0.995 |
| 168285.083908450 | 168285.08 | 3908450.64 | FENCEGRD | 1.709 | 1.699 | 1.686 | 1.668 | 0.846 | 1.362 | 1.05 | | | |

AERMOD Output Concentrations with Unitized Emission Rate

| XY | X | Y | REC TYPE | AERMOD Concentrations (µg/m ³) at 1 g/s | | | | | | | | | |
|------------------|-----------|------------|----------|---|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168330.173908714 | 168330.17 | 3908714.36 | FENCEGRD | 1.847 | 1.887 | 1.934 | 1.973 | 1.058 | 0.921 | 1.090 | 1.100 | 1.110 | 1.120 |
| 168334.273908738 | 168334.27 | 3908738.34 | FENCEGRD | 1.748 | 1.791 | 1.842 | 1.885 | 1.034 | 0.845 | 1.044 | 1.054 | 1.065 | 1.075 |
| 168338.363908762 | 168338.36 | 3908762.31 | FENCEGRD | 1.590 | 1.637 | 1.691 | 1.737 | 0.990 | 0.766 | 0.981 | 0.992 | 1.003 | 1.013 |
| 168342.463908786 | 168342.46 | 3908786.29 | FENCEGRD | 1.441 | 1.489 | 1.545 | 1.593 | 0.956 | 0.698 | 0.924 | 0.935 | 0.947 | 0.959 |
| 168346.563908810 | 168346.56 | 3908810.26 | FENCEGRD | 1.329 | 1.378 | 1.434 | 1.484 | 0.933 | 0.641 | 0.873 | 0.886 | 0.898 | 0.910 |
| 168350.663908834 | 168350.66 | 3908834.24 | FENCEGRD | 1.223 | 1.270 | 1.325 | 1.375 | 0.909 | 0.589 | 0.819 | 0.832 | 0.845 | 0.857 |
| 168354.763908858 | 168354.76 | 3908858.21 | FENCEGRD | 1.119 | 1.163 | 1.216 | 1.263 | 0.881 | 0.539 | 0.761 | 0.773 | 0.786 | 0.798 |
| 168358.863908882 | 168358.86 | 3908882.19 | FENCEGRD | 1.023 | 1.063 | 1.111 | 1.155 | 0.847 | 0.494 | 0.702 | 0.714 | 0.726 | 0.738 |
| 168362.963908906 | 168362.96 | 3908906.16 | FENCEGRD | 0.948 | 0.983 | 1.025 | 1.064 | 0.809 | 0.455 | 0.647 | 0.658 | 0.669 | 0.680 |
| 168367.053908930 | 168367.05 | 3908930.14 | FENCEGRD | 0.872 | 0.902 | 0.938 | 0.971 | 0.762 | 0.417 | 0.593 | 0.602 | 0.612 | 0.621 |
| 168371.153908954 | 168371.15 | 3908954.11 | FENCEGRD | 0.794 | 0.819 | 0.850 | 0.878 | 0.705 | 0.381 | 0.541 | 0.549 | 0.557 | 0.565 |
| 168375.253908978 | 168375.25 | 3908978.08 | FENCEGRD | 0.711 | 0.734 | 0.761 | 0.785 | 0.644 | 0.348 | 0.493 | 0.500 | 0.507 | 0.513 |
| 168379.353909002 | 168379.35 | 3909002.06 | FENCEGRD | 0.637 | 0.658 | 0.683 | 0.706 | 0.587 | 0.319 | 0.455 | 0.460 | 0.466 | 0.472 |
| 168383.453909026 | 168383.45 | 3909026.03 | FENCEGRD | 0.566 | 0.586 | 0.610 | 0.632 | 0.537 | 0.294 | 0.421 | 0.426 | 0.432 | 0.437 |
| 168387.553909050 | 168387.55 | 3909050.01 | FENCEGRD | 0.500 | 0.518 | 0.540 | 0.561 | 0.493 | 0.271 | 0.389 | 0.394 | 0.400 | 0.405 |
| 168391.653909073 | 168391.65 | 3909073.98 | FENCEGRD | 0.445 | 0.461 | 0.481 | 0.499 | 0.456 | 0.251 | 0.357 | 0.363 | 0.368 | 0.373 |
| 168395.743909097 | 168395.74 | 3909097.96 | FENCEGRD | 0.403 | 0.416 | 0.433 | 0.448 | 0.425 | 0.234 | 0.327 | 0.332 | 0.336 | 0.341 |
| 168399.843909121 | 168399.84 | 3909121.93 | FENCEGRD | 0.367 | 0.379 | 0.393 | 0.406 | 0.397 | 0.218 | 0.298 | 0.302 | 0.306 | 0.310 |
| 168403.943909145 | 168403.94 | 3909145.91 | FENCEGRD | 0.333 | 0.343 | 0.356 | 0.367 | 0.370 | 0.204 | 0.271 | 0.275 | 0.278 | 0.282 |
| 167417.083908250 | 167417.08 | 3908250.66 | FENCEGRD | 0.141 | 0.139 | 0.137 | 0.136 | 0.089 | 0.067 | 0.081 | 0.080 | 0.079 | 0.078 |
| 167396.183908263 | 167396.18 | 3908263.75 | FENCEGRD | 0.134 | 0.132 | 0.131 | 0.130 | 0.084 | 0.062 | 0.076 | 0.075 | 0.074 | 0.073 |
| 167375.283908276 | 167375.28 | 3908276.83 | FENCEGRD | 0.129 | 0.127 | 0.126 | 0.125 | 0.080 | 0.059 | 0.071 | 0.071 | 0.070 | 0.069 |
| 167354.383908289 | 167354.38 | 3908289.91 | FENCEGRD | 0.124 | 0.123 | 0.121 | 0.120 | 0.075 | 0.056 | 0.068 | 0.067 | 0.066 | 0.066 |
| 167333.483908303 | 167333.48 | 3908303.00 | FENCEGRD | 0.118 | 0.116 | 0.114 | 0.113 | 0.071 | 0.053 | 0.064 | 0.063 | 0.063 | 0.062 |
| 167312.593908316 | 167312.59 | 3908316.08 | FENCEGRD | 0.110 | 0.109 | 0.107 | 0.106 | 0.067 | 0.051 | 0.060 | 0.059 | 0.059 | 0.058 |
| 167640.133908885 | 167640.13 | 3908885.50 | FENCEGRD | 1.826 | 1.651 | 1.479 | 1.356 | 0.562 | 0.802 | 0.570 | 0.542 | 0.516 | 0.493 |
| 167628.893908906 | 167628.89 | 3908906.15 | FENCEGRD | 1.702 | 1.532 | 1.366 | 1.250 | 0.551 | 0.947 | 0.539 | 0.512 | 0.486 | 0.464 |
| 167617.663908926 | 167617.66 | 3908926.80 | FENCEGRD | 1.535 | 1.371 | 1.214 | 1.105 | 0.539 | 1.101 | 0.505 | 0.480 | 0.455 | 0.434 |
| 167618.173908873 | 167618.17 | 3908873.55 | FENCEGRD | 1.348 | 1.237 | 1.126 | 1.045 | 0.457 | 0.564 | 0.430 | 0.412 | 0.395 | 0.380 |
| 167606.933908894 | 167606.93 | 3908894.20 | FENCEGRD | 1.241 | 1.137 | 1.031 | 0.956 | 0.443 | 0.672 | 0.403 | 0.386 | 0.370 | 0.355 |
| 167595.73908914. | 167595.70 | 3908914.85 | FENCEGRD | 1.094 | 0.999 | 0.903 | 0.837 | 0.427 | 0.796 | 0.374 | 0.358 | 0.342 | 0.329 |
| 167584.473908935 | 167584.47 | 3908935.50 | FENCEGRD | 0.915 | 0.832 | 0.752 | 0.699 | 0.409 | 0.921 | 0.342 | 0.327 | 0.312 | 0.299 |
| 167573.233908956 | 167573.23 | 3908956.15 | FENCEGRD | 0.720 | 0.660 | 0.603 | 0.567 | 0.389 | 1.033 | 0.306 | 0.292 | 0.278 | 0.265 |
| 167607.83908849. | 167607.80 | 3908849.28 | FENCEGRD | 1.134 | 1.052 | 0.969 | 0.907 | 0.396 | 0.395 | 0.366 | 0.353 | 0.340 | 0.329 |
| 167584.973908882 | 167584.97 | 3908882.26 | FENCEGRD | 0.950 | 0.879 | 0.806 | 0.754 | 0.360 | 0.503 | 0.315 | 0.303 | 0.292 | 0.281 |
| 167573.743908902 | 167573.74 | 3908902.91 | FENCEGRD | 0.832 | 0.771 | 0.709 | 0.665 | 0.346 | 0.604 | 0.290 | 0.279 | 0.268 | 0.258 |
| 167562.513908923 | 167562.51 | 3908923.56 | FENCEGRD | 0.695 | 0.649 | 0.603 | 0.572 | 0.331 | 0.714 | 0.262 | 0.251 | 0.241 | 0.231 |
| 167551.273908944 | 167551.27 | 3908944.21 | FENCEGRD | 0.565 | 0.535 | 0.505 | 0.486 | 0.315 | 0.824 | 0.231 | 0.221 | 0.212 | 0.204 |
| 167540.043908964 | 167540.04 | 3908964.86 | FENCEGRD | 0.460 | 0.445 | 0.430 | 0.420 | 0.297 | 0.929 | 0.198 | 0.190 | 0.182 | 0.176 |
| 167528.83908985. | 167528.80 | 3908985.51 | FENCEGRD | 0.394 | 0.391 | 0.389 | 0.388 | 0.278 | 1.028 | 0.167 | 0.161 | 0.156 | 0.151 |
| 167517.573909006 | 167517.57 | 3909006.16 | FENCEGRD | 0.371 | 0.376 | 0.382 | 0.386 | 0.256 | 1.118 | 0.143 | 0.140 | 0.136 | 0.133 |
| 167506.343909026 | 167506.34 | 3909026.81 | FENCEGRD | 0.376 | 0.386 | 0.395 | 0.401 | 0.231 | 1.197 | 0.131 | 0.129 | 0.127 | 0.125 |
| 167495.13909047. | 167495.10 | 3909047.46 | FENCEGRD | 0.397 | 0.409 | 0.421 | 0.429 | 0.204 | 1.266 | 0.132 | 0.130 | 0.128 | 0.127 |
| 167565.333908823 | 167565.33 | 3908823.85 | FENCEGRD | 0.744 | 0.699 | 0.651 | 0.616 | 0.282 | 0.251 | 0.248 | 0.241 | 0.233 | 0.226 |
| 167541.053908858 | 167541.05 | 3908858.36 | FENCEGRD | 0.609 | 0.575 | 0.539 | 0.514 | 0.255 | 0.317 | 0.205 | 0.198 | 0.192 | 0.186 |
| 167529.823908879 | 167529.82 | 3908879.01 | FENCEGRD | 0.548 | 0.521 | 0.492 | 0.470 | 0.245 | 0.381 | 0.184 | 0.178 | 0.172 | 0.166 |
| 167518.583908899 | 167518.58 | 3908899.66 | FENCEGRD | 0.489 | 0.469 | 0.448 | 0.432 | 0.233 | 0.458 | 0.162 | 0.157 | 0.152 | 0.147 |
| 167507.353908920 | 167507.35 | 3908920.32 | FENCEGRD | 0.438 | 0.425 | 0.412 | 0.403 | 0.219 | 0.545 | 0.142 | 0.138 | 0.133 | 0.130 |
| 167496.123908940 | 167496.12 | 3908940.97 | FENCEGRD | 0.403 | 0.399 | 0.395 | 0.391 | 0.203 | 0.635 | 0.123 | 0.121 | 0.118 | 0.115 |
| 167484.883908961 | 167484.88 | 3908961.62 | FENCEGRD | 0.393 | 0.395 | 0.397 | 0.398 | 0.186 | 0.729 | 0.110 | 0.109 | 0.107 | 0.105 |
| 167473.653908982 | 167473.65 | 3908982.27 | FENCEGRD | 0.403 | 0.407 | 0.412 | 0.415 | 0.168 | 0.822 | 0.104 | 0.103 | 0.102 | 0.101 |
| 167462.413909002 | 167462.41 | 3909002.92 | FENCEGRD | 0.422 | 0.427 | 0.432 | 0.435 | 0.150 | 0.914 | 0.106 | 0.105 | 0.104 | 0.104 |
| 167451.183909023 | 167451.18 | 3909023.57 | FENCEGRD | 0.453 | 0.458 | 0.465 | 0.469 | 0.132 | 1.001 | 0.114 | 0.113 | 0.112 | 0.112 |
| 167439.953909044 | 167439.95 | 3909044.22 | FENCEGRD | 0.523 | 0.528 | 0.535 | 0.538 | 0.117 | 1.083 | 0.132 | 0.130 | 0.129 | 0.128 |
| 167522.273908799 | 167522.27 | 3908799.03 | FENCEGRD | 0.522 | 0.497 | 0.470 | 0.450 | 0.215 | 0.181 | 0.174 | 0.169 | 0.164 | 0.160 |
| 167550.13908769. | 167550.10 | 3908769.45 | FENCEGRD | 0.625 | 0.592 | 0.557 | 0.530 | 0.239 | 0.175 | 0.214 | 0.208 | 0.202 | 0.196 |
| 167497.133908834 | 167497.13 | 3908834.47 | FENCEGRD | 0.442 | 0.424 | 0.405 | 0.390 | 0.192 | 0.223 | 0.140 | 0.136 | 0.132 | 0.129 |
| 167485.893908859 | 167485.89 | 3908855.12 | FENCEGRD | 0.411 | 0.396 | 0.380 | 0.368 | 0.181 | 0.265 | 0.125 | 0.122 | 0.119 | 0.116 |
| 167474.663908879 | 167474.66 | 3908875.77 | FENCEGRD | 0.387 | 0.376 | 0.364 | 0.355 | 0.169 | 0.320 | 0.111 | 0.109 | 0.106 | 0.104 |
| 167463.433908896 | 167463.43 | 3908896.42 | FENCEGRD | 0.375 | 0.368 | 0.360 | 0.353 | 0.156 | 0.385 | 0.100 | 0.098 | 0.096 | 0.095 |
| 167452.193908917 | 167452.19 | 3908917.07 | FENCEGRD | 0.379 | 0.374 | 0.369 | 0.364 | 0.143 | 0.456 | 0.092 | 0.091 | 0.090 | 0.089 |
| 167440.963908937 | 167440.96 | 3908937.73 | FENCEGRD | 0.395 | 0.392 | 0.388 | 0.384 | 0.130 | 0.532 | 0.089 | 0.088 | 0.088 | 0.087 |
| 167429.733908958 | 167429.73 | 3908958.38 | FENCEGRD | 0.416 | 0.414 | 0.410 | 0.406 | 0.117 | 0.611 | 0.091 | 0.091 | 0.090 | 0.090 |
| 167418.493908979 | 167418.49 | 3908979.03 | FENCEGRD | 0.439 | 0.436 | 0.432 | 0.428 | 0.106 | 0.692 | 0.097 | 0.096 | 0.096 | 0.096 |
| 167407.263908999 | 167407.26 | 3908999.68 | FENCEGRD | 0.474 | 0.471 | 0.467 | 0.461 | 0.096 | 0.773 | 0.106 | 0.106 | 0.105 | 0.104 |
| 167396.033909020 | 167396.03 | 3909020.33 | FENCEGRD | 0.540 | 0.535 | 0.529 | 0.521 | 0.090 | 0.854 | 0.121 | 0.120 | 0.119 | 0.118 |
| 167384.793909040 | 167384.79 | 3909040.98 | FENCEGRD | 0.641 | 0.631 | 0.621 | 0.609 | 0.087 | 0.933 | 0.144 | 0.142 | 0.140 | 0.139 |
| 167478.933908774 | 167478.93 | 3908774.52 | FENCEGRD | 0.396 | 0.381 | 0.364 | 0.352 | 0.166 | 0.143 | 0.126 | 0.123 | 0.120 | 0.117 |
| 167507.913908743 | 167507.91 | 3908743.71 | FENCEGRD | 0.462 | 0.441 | 0.420 | 0.403 | 0.189 | 0.136 | 0.156 | 0.153 | 0.149 | 0.145 |
| 167453.213908810 | 167453.21 | 3908810.58 | FENCEGRD | 0.349 | 0.338 | 0.326 | 0.317 | 0.144 | 0.173 | 0.102 | 0.100 | 0.098 | 0.096 |
| 167441.973908831 | 167441.97 | 3908831.23 | FENCEGRD | 0.335 | 0.326 | 0.317 | 0.310 | 0.135 | 0.201 | 0.093 | 0.091 | 0.089 | 0.088 |
| 167430.743908851 | 167430.74 | 3908851.88 | FENCEGRD | 0.330 | 0.324 | 0.317 | 0.311 | 0.125 | 0.239 | 0.085 | 0.084 | 0.083 | 0.082 |
| 167419.513908872 | 167419.51 | 3908872.53 | FENCEGRD | 0.337 | 0.331 | 0.326 | 0.322 | 0.115 | 0.287 | 0.080 | 0.080 | 0.079 | 0.078 |
| 167408.273908893 | 167408.27 | 3908893.18 | FENCEGRD | 0.352 | 0.347 | 0.342 | 0.338 | 0.106 | 0.342 | 0.079</ | | | |

AERMOD Output Concentrations with Unitized Emission Rate

| XY | X | Y | REC TYPE | AERMOD Concentrations (µg/m ³) at 1 g/s | | | | | | | | | |
|------------------|-----------|------------|----------|---|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167398.053908807 | 167398.05 | 3908807.34 | FENCEGRD | 0.291 | 0.285 | 0.279 | 0.274 | 0.104 | 0.163 | 0.075 | 0.074 | 0.073 | 0.072 |
| 167386.823908827 | 167386.82 | 3908827.99 | FENCEGRD | 0.296 | 0.292 | 0.287 | 0.283 | 0.096 | 0.190 | 0.071 | 0.071 | 0.070 | 0.070 |
| 167375.583908848 | 167375.58 | 3908848.64 | FENCEGRD | 0.309 | 0.304 | 0.300 | 0.296 | 0.089 | 0.224 | 0.071 | 0.071 | 0.070 | 0.070 |
| 167364.353908869 | 167364.35 | 3908869.29 | FENCEGRD | 0.325 | 0.320 | 0.316 | 0.311 | 0.083 | 0.266 | 0.073 | 0.073 | 0.073 | 0.072 |
| 167353.123908889 | 167353.12 | 3908889.94 | FENCEGRD | 0.342 | 0.337 | 0.332 | 0.327 | 0.077 | 0.314 | 0.077 | 0.077 | 0.077 | 0.077 |
| 167341.883908910 | 167341.88 | 3908910.59 | FENCEGRD | 0.357 | 0.351 | 0.345 | 0.340 | 0.073 | 0.365 | 0.083 | 0.082 | 0.082 | 0.082 |
| 167330.653908931 | 167330.65 | 3908931.24 | FENCEGRD | 0.372 | 0.366 | 0.360 | 0.354 | 0.070 | 0.419 | 0.088 | 0.088 | 0.087 | 0.087 |
| 167319.423908951 | 167319.42 | 3908951.89 | FENCEGRD | 0.398 | 0.391 | 0.384 | 0.377 | 0.069 | 0.476 | 0.095 | 0.094 | 0.094 | 0.093 |
| 167308.183908972 | 167308.18 | 3908972.54 | FENCEGRD | 0.439 | 0.431 | 0.422 | 0.414 | 0.071 | 0.536 | 0.104 | 0.103 | 0.102 | 0.102 |
| 167296.953908993 | 167296.95 | 3908993.19 | FENCEGRD | 0.497 | 0.486 | 0.475 | 0.465 | 0.074 | 0.596 | 0.117 | 0.116 | 0.115 | 0.114 |
| 167348.133908701 | 167348.13 | 3908701.82 | FENCEGRD | 0.234 | 0.229 | 0.224 | 0.219 | 0.084 | 0.095 | 0.065 | 0.064 | 0.063 | 0.063 |
| 167379.043908668 | 167379.04 | 3908668.95 | FENCEGRD | 0.251 | 0.244 | 0.237 | 0.231 | 0.098 | 0.087 | 0.076 | 0.075 | 0.074 | 0.073 |
| 167394.53908652. | 167394.50 | 3908652.52 | FENCEGRD | 0.263 | 0.256 | 0.247 | 0.240 | 0.105 | 0.086 | 0.083 | 0.082 | 0.081 | 0.079 |
| 167409.963908636 | 167409.96 | 3908636.09 | FENCEGRD | 0.278 | 0.269 | 0.260 | 0.252 | 0.113 | 0.086 | 0.091 | 0.090 | 0.088 | 0.087 |
| 167440.873908603 | 167440.87 | 3908603.22 | FENCEGRD | 0.316 | 0.305 | 0.293 | 0.283 | 0.132 | 0.092 | 0.110 | 0.108 | 0.106 | 0.104 |
| 167456.333908586 | 167456.33 | 3908586.79 | FENCEGRD | 0.337 | 0.325 | 0.312 | 0.301 | 0.141 | 0.098 | 0.121 | 0.119 | 0.116 | 0.114 |
| 167332.673908718 | 167332.67 | 3908718.25 | FENCEGRD | 0.232 | 0.227 | 0.223 | 0.219 | 0.078 | 0.101 | 0.061 | 0.061 | 0.060 | 0.060 |
| 167321.443908738 | 167321.44 | 3908738.90 | FENCEGRD | 0.235 | 0.231 | 0.227 | 0.224 | 0.073 | 0.111 | 0.060 | 0.059 | 0.059 | 0.059 |
| 167310.213908759 | 167310.21 | 3908759.55 | FENCEGRD | 0.242 | 0.238 | 0.234 | 0.231 | 0.068 | 0.123 | 0.060 | 0.060 | 0.059 | 0.059 |
| 167298.973908780 | 167298.97 | 3908780.20 | FENCEGRD | 0.251 | 0.247 | 0.244 | 0.240 | 0.064 | 0.138 | 0.061 | 0.061 | 0.061 | 0.061 |
| 167287.743908800 | 167287.74 | 3908800.85 | FENCEGRD | 0.262 | 0.258 | 0.254 | 0.251 | 0.061 | 0.157 | 0.064 | 0.064 | 0.064 | 0.064 |
| 167276.513908821 | 167276.51 | 3908821.50 | FENCEGRD | 0.273 | 0.269 | 0.265 | 0.261 | 0.059 | 0.179 | 0.068 | 0.068 | 0.067 | 0.067 |
| 167265.273908842 | 167265.27 | 3908842.15 | FENCEGRD | 0.283 | 0.278 | 0.274 | 0.270 | 0.057 | 0.206 | 0.072 | 0.072 | 0.071 | 0.071 |
| 167254.043908862 | 167254.04 | 3908862.81 | FENCEGRD | 0.292 | 0.287 | 0.282 | 0.277 | 0.058 | 0.237 | 0.076 | 0.076 | 0.075 | 0.075 |
| 167242.83908883. | 167242.80 | 3908883.46 | FENCEGRD | 0.303 | 0.298 | 0.292 | 0.287 | 0.059 | 0.272 | 0.080 | 0.080 | 0.079 | 0.079 |
| 167231.573908904 | 167231.57 | 3908904.11 | FENCEGRD | 0.320 | 0.315 | 0.309 | 0.303 | 0.062 | 0.310 | 0.084 | 0.084 | 0.083 | 0.083 |
| 167220.343908924 | 167220.34 | 3908924.76 | FENCEGRD | 0.347 | 0.340 | 0.333 | 0.327 | 0.065 | 0.351 | 0.090 | 0.090 | 0.089 | 0.089 |
| 167209.13908945. | 167209.10 | 3908945.41 | FENCEGRD | 0.381 | 0.373 | 0.365 | 0.358 | 0.069 | 0.394 | 0.099 | 0.098 | 0.097 | 0.097 |
| 167260.643908653 | 167260.64 | 3908653.66 | FENCEGRD | 0.201 | 0.198 | 0.194 | 0.191 | 0.061 | 0.083 | 0.054 | 0.054 | 0.053 | 0.053 |
| 167276.453908636 | 167276.45 | 3908636.85 | FENCEGRD | 0.202 | 0.198 | 0.194 | 0.190 | 0.066 | 0.080 | 0.056 | 0.055 | 0.055 | 0.054 |
| 167292.253908620 | 167292.25 | 3908620.05 | FENCEGRD | 0.207 | 0.202 | 0.197 | 0.193 | 0.072 | 0.078 | 0.059 | 0.058 | 0.058 | 0.057 |
| 167308.063908603 | 167308.06 | 3908603.24 | FENCEGRD | 0.214 | 0.208 | 0.202 | 0.198 | 0.078 | 0.077 | 0.063 | 0.063 | 0.062 | 0.061 |
| 167323.873908586 | 167323.87 | 3908586.43 | FENCEGRD | 0.223 | 0.217 | 0.210 | 0.205 | 0.084 | 0.077 | 0.069 | 0.068 | 0.067 | 0.066 |
| 167339.683908569 | 167339.68 | 3908569.63 | FENCEGRD | 0.234 | 0.227 | 0.219 | 0.213 | 0.090 | 0.078 | 0.075 | 0.074 | 0.072 | 0.071 |
| 167355.493908552 | 167355.49 | 3908552.82 | FENCEGRD | 0.245 | 0.238 | 0.229 | 0.223 | 0.096 | 0.079 | 0.081 | 0.080 | 0.079 | 0.077 |
| 167371.293908536 | 167371.29 | 3908536.02 | FENCEGRD | 0.258 | 0.250 | 0.241 | 0.234 | 0.103 | 0.082 | 0.089 | 0.087 | 0.086 | 0.084 |
| 167387.13908519. | 167387.10 | 3908519.21 | FENCEGRD | 0.272 | 0.263 | 0.254 | 0.246 | 0.111 | 0.085 | 0.097 | 0.095 | 0.093 | 0.091 |
| 167402.913908502 | 167402.91 | 3908502.40 | FENCEGRD | 0.287 | 0.278 | 0.267 | 0.259 | 0.119 | 0.090 | 0.105 | 0.103 | 0.101 | 0.099 |
| 167244.833908670 | 167244.83 | 3908670.46 | FENCEGRD | 0.202 | 0.199 | 0.195 | 0.192 | 0.057 | 0.088 | 0.053 | 0.053 | 0.053 | 0.053 |
| 167233.63908691. | 167233.60 | 3908691.11 | FENCEGRD | 0.206 | 0.203 | 0.200 | 0.197 | 0.054 | 0.094 | 0.054 | 0.054 | 0.054 | 0.054 |
| 167222.363908711 | 167222.36 | 3908711.77 | FENCEGRD | 0.211 | 0.208 | 0.205 | 0.202 | 0.051 | 0.102 | 0.056 | 0.056 | 0.056 | 0.055 |
| 167211.133908732 | 167211.13 | 3908732.42 | FENCEGRD | 0.218 | 0.215 | 0.211 | 0.208 | 0.050 | 0.112 | 0.058 | 0.058 | 0.058 | 0.058 |
| 167199.93908753. | 167199.90 | 3908753.07 | FENCEGRD | 0.225 | 0.222 | 0.218 | 0.215 | 0.049 | 0.123 | 0.061 | 0.061 | 0.061 | 0.060 |
| 167188.663908773 | 167188.66 | 3908773.72 | FENCEGRD | 0.231 | 0.227 | 0.223 | 0.220 | 0.050 | 0.137 | 0.064 | 0.064 | 0.063 | 0.063 |
| 167177.433908794 | 167177.43 | 3908794.37 | FENCEGRD | 0.235 | 0.232 | 0.228 | 0.224 | 0.051 | 0.152 | 0.067 | 0.066 | 0.066 | 0.066 |
| 167166.193908815 | 167166.19 | 3908815.02 | FENCEGRD | 0.240 | 0.236 | 0.232 | 0.228 | 0.052 | 0.170 | 0.069 | 0.069 | 0.069 | 0.068 |
| 167154.963908835 | 167154.96 | 3908835.67 | FENCEGRD | 0.247 | 0.243 | 0.239 | 0.235 | 0.055 | 0.190 | 0.072 | 0.071 | 0.071 | 0.071 |
| 167143.733908856 | 167143.73 | 3908856.32 | FENCEGRD | 0.259 | 0.254 | 0.250 | 0.246 | 0.057 | 0.213 | 0.075 | 0.074 | 0.074 | 0.073 |
| 167132.493908876 | 167132.49 | 3908876.97 | FENCEGRD | 0.277 | 0.272 | 0.267 | 0.262 | 0.061 | 0.240 | 0.079 | 0.078 | 0.078 | 0.078 |
| 167121.263908897 | 167121.26 | 3908897.62 | FENCEGRD | 0.300 | 0.294 | 0.288 | 0.283 | 0.064 | 0.270 | 0.085 | 0.085 | 0.084 | 0.084 |
| 167173.043908605 | 167173.04 | 3908605.61 | FENCEGRD | 0.186 | 0.183 | 0.179 | 0.176 | 0.050 | 0.079 | 0.052 | 0.052 | 0.051 | 0.051 |
| 167189.093908588 | 167189.09 | 3908588.55 | FENCEGRD | 0.187 | 0.184 | 0.180 | 0.177 | 0.053 | 0.077 | 0.052 | 0.052 | 0.052 | 0.051 |
| 167205.143908571 | 167205.14 | 3908571.49 | FENCEGRD | 0.189 | 0.186 | 0.182 | 0.179 | 0.058 | 0.076 | 0.054 | 0.053 | 0.053 | 0.053 |
| 167221.193908554 | 167221.19 | 3908554.42 | FENCEGRD | 0.193 | 0.189 | 0.185 | 0.181 | 0.063 | 0.077 | 0.057 | 0.056 | 0.055 | 0.055 |
| 167237.243908537 | 167237.24 | 3908537.36 | FENCEGRD | 0.185 | 0.186 | 0.189 | 0.187 | 0.071 | 0.073 | 0.060 | 0.060 | 0.059 | 0.059 |
| 167253.293908520 | 167253.29 | 3908520.29 | FENCEGRD | 0.173 | 0.173 | 0.174 | 0.175 | 0.075 | 0.068 | 0.060 | 0.059 | 0.059 | 0.059 |
| 167269.343908503 | 167269.34 | 3908503.23 | FENCEGRD | 0.168 | 0.167 | 0.167 | 0.167 | 0.077 | 0.066 | 0.061 | 0.060 | 0.060 | 0.060 |
| 167285.43908486. | 167285.40 | 3908486.16 | FENCEGRD | 0.168 | 0.167 | 0.166 | 0.166 | 0.079 | 0.064 | 0.063 | 0.063 | 0.062 | 0.062 |
| 167301.453908469 | 167301.45 | 3908469.10 | FENCEGRD | 0.170 | 0.169 | 0.168 | 0.167 | 0.082 | 0.064 | 0.066 | 0.066 | 0.065 | 0.065 |
| 167317.53908452. | 167317.50 | 3908452.03 | FENCEGRD | 0.173 | 0.172 | 0.171 | 0.170 | 0.085 | 0.064 | 0.070 | 0.070 | 0.069 | 0.068 |
| 167333.553908434 | 167333.55 | 3908434.97 | FENCEGRD | 0.179 | 0.177 | 0.176 | 0.175 | 0.089 | 0.065 | 0.075 | 0.074 | 0.073 | 0.073 |
| 167349.63908417. | 167349.60 | 3908417.90 | FENCEGRD | 0.185 | 0.183 | 0.181 | 0.180 | 0.093 | 0.067 | 0.079 | 0.078 | 0.078 | 0.077 |
| 167156.993908622 | 167156.99 | 3908622.68 | FENCEGRD | 0.184 | 0.181 | 0.178 | 0.175 | 0.046 | 0.080 | 0.052 | 0.052 | 0.051 | 0.051 |
| 167145.753908643 | 167145.75 | 3908643.33 | FENCEGRD | 0.184 | 0.181 | 0.178 | 0.175 | 0.045 | 0.084 | 0.052 | 0.052 | 0.052 | 0.052 |
| 167134.523908663 | 167134.52 | 3908663.98 | FENCEGRD | 0.187 | 0.184 | 0.181 | 0.178 | 0.044 | 0.089 | 0.054 | 0.053 | 0.053 | 0.053 |
| 167123.283908684 | 167123.28 | 3908684.63 | FENCEGRD | 0.190 | 0.187 | 0.184 | 0.182 | 0.044 | 0.095 | 0.055 | 0.055 | 0.055 | 0.055 |
| 167112.053908705 | 167112.05 | 3908705.28 | FENCEGRD | 0.193 | 0.190 | 0.187 | 0.185 | 0.045 | 0.102 | 0.057 | 0.057 | 0.057 | 0.057 |
| 167100.823908725 | 167100.82 | 3908725.93 | FENCEGRD | 0.196 | 0.193 | 0.190 | 0.187 | 0.046 | 0.111 | 0.060 | 0.059 | 0.059 | 0.059 |
| 167089.583908746 | 167089.58 | 3908746.58 | FENCEGRD | 0.198 | 0.195 | 0.191 | 0.189 | 0.047 | 0.121 | 0.061 | 0.061 | 0.061 | 0.061 |
| 167078.353908767 | 167078.35 | 3908767.24 | FENCEGRD | 0.200 | 0.197 | 0.194 | 0.191 | 0.049 | 0.132 | 0.063 | 0.063 | 0.062 | 0.062 |
| 167067.123908787 | 167067.12 | 3908787.89 | FENCEGRD | 0.205 | 0.202 | 0.199 | 0.196 | 0.052 | 0.145 | 0.064 | 0.064 | 0.064 | 0.063 |
| 167055.883908808 | 167055.88 | 3908808.54 | FENCEGRD | 0.213 | 0.210 | 0.207 | 0.204 | 0.054 | 0.159 | 0.066 | 0.066 | 0.066 | 0.065 |
| 167044.653908829 | 167044.65 | 3908829.19 | FENCEGRD | 0.225 | 0.221 | 0.217 | 0.214 | 0.056 | 0.175 | 0.069 | 0.069 | 0.069 | 0.068 |
| 167033.423908849 | 167033.42 | 3908849.84 | FENCEGRD | 0.240 | 0.236 | 0.232 | 0.228 | 0.058 | 0.194 | 0.074 | | | |

AERMOD Output Concentrations with Unitized Emission Rate

| XY | X | Y | REC TYPE | AERMOD Concentrations (µg/m ³) at 1 g/s | | | | | | | | | |
|------------------|-----------|------------|----------|---|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167024.213908657 | 167024.21 | 3908657.50 | FENCEGRD | 0.168 | 0.165 | 0.162 | 0.160 | 0.042 | 0.088 | 0.054 | 0.054 | 0.053 | 0.053 |
| 167012.973908678 | 167012.97 | 3908678.15 | FENCEGRD | 0.169 | 0.167 | 0.164 | 0.161 | 0.044 | 0.094 | 0.056 | 0.055 | 0.055 | 0.055 |
| 167001.743908698 | 167001.74 | 3908698.80 | FENCEGRD | 0.170 | 0.167 | 0.164 | 0.162 | 0.045 | 0.101 | 0.056 | 0.056 | 0.056 | 0.056 |
| 166990.513908719 | 166990.51 | 3908719.45 | FENCEGRD | 0.171 | 0.169 | 0.166 | 0.164 | 0.047 | 0.108 | 0.057 | 0.057 | 0.057 | 0.056 |
| 166979.273908740 | 166979.27 | 3908740.10 | FENCEGRD | 0.175 | 0.172 | 0.169 | 0.167 | 0.048 | 0.117 | 0.058 | 0.058 | 0.057 | 0.057 |
| 166968.043908760 | 166968.04 | 3908760.75 | FENCEGRD | 0.180 | 0.177 | 0.175 | 0.172 | 0.050 | 0.126 | 0.059 | 0.059 | 0.059 | 0.059 |
| 166956.813908781 | 166956.81 | 3908781.40 | FENCEGRD | 0.188 | 0.185 | 0.182 | 0.180 | 0.052 | 0.137 | 0.062 | 0.061 | 0.061 | 0.061 |
| 166945.573908802 | 166945.57 | 3908802.05 | FENCEGRD | 0.198 | 0.195 | 0.192 | 0.189 | 0.053 | 0.149 | 0.065 | 0.065 | 0.065 | 0.064 |
| 167371.893909070 | 167371.89 | 3909070.62 | FENCEGRD | 0.863 | 0.840 | 0.816 | 0.792 | 0.090 | 1.046 | 0.199 | 0.194 | 0.190 | 0.187 |
| 167324.493909054 | 167324.49 | 3909054.72 | FENCEGRD | 0.771 | 0.746 | 0.723 | 0.702 | 0.086 | 0.875 | 0.183 | 0.179 | 0.176 | 0.174 |
| 167277.083909038 | 167277.08 | 3909038.83 | FENCEGRD | 0.678 | 0.657 | 0.638 | 0.620 | 0.085 | 0.735 | 0.170 | 0.167 | 0.165 | 0.163 |
| 167287.023909016 | 167287.02 | 3909016.01 | FENCEGRD | 0.577 | 0.563 | 0.548 | 0.535 | 0.079 | 0.667 | 0.139 | 0.137 | 0.136 | 0.134 |
| 167182.263909007 | 167182.26 | 3909007.07 | FENCEGRD | 0.526 | 0.512 | 0.498 | 0.486 | 0.080 | 0.531 | 0.149 | 0.147 | 0.145 | 0.144 |
| 167192.333908983 | 167192.33 | 3908983.95 | FENCEGRD | 0.464 | 0.452 | 0.441 | 0.431 | 0.075 | 0.478 | 0.126 | 0.124 | 0.123 | 0.122 |
| 167087.443908975 | 167087.44 | 3908975.32 | FENCEGRD | 0.420 | 0.410 | 0.400 | 0.391 | 0.075 | 0.402 | 0.133 | 0.132 | 0.130 | 0.129 |
| 167096.463908954 | 167096.46 | 3908954.60 | FENCEGRD | 0.381 | 0.373 | 0.364 | 0.357 | 0.071 | 0.364 | 0.116 | 0.115 | 0.114 | 0.113 |
| 167106.639089311 | 167106.60 | 3908931.29 | FENCEGRD | 0.344 | 0.337 | 0.330 | 0.323 | 0.068 | 0.323 | 0.101 | 0.100 | 0.099 | 0.098 |
| 166992.613908943 | 166992.61 | 3908943.58 | FENCEGRD | 0.341 | 0.334 | 0.326 | 0.320 | 0.069 | 0.309 | 0.119 | 0.118 | 0.116 | 0.115 |
| 167001.683908922 | 167001.68 | 3908922.75 | FENCEGRD | 0.315 | 0.309 | 0.302 | 0.296 | 0.066 | 0.281 | 0.106 | 0.105 | 0.104 | 0.103 |
| 167010.753908901 | 167010.75 | 3908901.92 | FENCEGRD | 0.291 | 0.285 | 0.280 | 0.275 | 0.063 | 0.253 | 0.095 | 0.094 | 0.093 | 0.092 |
| 167019.813908881 | 167019.81 | 3908881.09 | FENCEGRD | 0.268 | 0.263 | 0.258 | 0.254 | 0.061 | 0.227 | 0.085 | 0.084 | 0.083 | 0.083 |
| 166897.783908911 | 166897.78 | 3908911.84 | FENCEGRD | 0.282 | 0.277 | 0.271 | 0.266 | 0.064 | 0.243 | 0.106 | 0.105 | 0.104 | 0.104 |
| 166906.893908890 | 166906.89 | 3908890.93 | FENCEGRD | 0.262 | 0.258 | 0.253 | 0.248 | 0.060 | 0.221 | 0.096 | 0.095 | 0.094 | 0.094 |
| 166915.993908870 | 166915.99 | 3908870.02 | FENCEGRD | 0.244 | 0.240 | 0.235 | 0.232 | 0.058 | 0.200 | 0.086 | 0.086 | 0.085 | 0.085 |
| 166925.093908849 | 166925.09 | 3908849.11 | FENCEGRD | 0.228 | 0.224 | 0.221 | 0.217 | 0.056 | 0.182 | 0.078 | 0.078 | 0.077 | 0.077 |
| 166934.193908828 | 166934.19 | 3908828.19 | FENCEGRD | 0.214 | 0.211 | 0.207 | 0.204 | 0.055 | 0.166 | 0.072 | 0.071 | 0.071 | 0.070 |
| 167363.013909118 | 167363.01 | 3909118.12 | FENCEGRD | 1.556 | 1.483 | 1.409 | 1.343 | 0.106 | 1.236 | 0.378 | 0.363 | 0.350 | 0.340 |
| 167359.573909162 | 167359.57 | 3909162.59 | FENCEGRD | 2.503 | 2.389 | 2.270 | 2.166 | 0.145 | 1.398 | 0.722 | 0.690 | 0.662 | 0.637 |
| 167359.573909185 | 167359.57 | 3909185.91 | FENCEGRD | 3.002 | 2.874 | 2.739 | 2.622 | 0.185 | 1.477 | 0.977 | 0.938 | 0.903 | 0.871 |
| 167359.573909209 | 167359.57 | 3909209.24 | FENCEGRD | 3.467 | 3.333 | 3.186 | 3.060 | 0.252 | 1.543 | 1.269 | 1.224 | 1.184 | 1.145 |
| 167359.573909232 | 167359.57 | 3909232.56 | FENCEGRD | 3.857 | 3.732 | 3.587 | 3.460 | 0.363 | 1.587 | 1.568 | 1.521 | 1.477 | 1.435 |
| 167359.573909255 | 167359.57 | 3909255.88 | FENCEGRD | 4.130 | 4.028 | 3.901 | 3.786 | 0.539 | 1.606 | 1.840 | 1.794 | 1.752 | 1.709 |
| 167312.839091191 | 167312.80 | 3909119.44 | FENCEGRD | 1.509 | 1.434 | 1.361 | 1.298 | 0.114 | 1.131 | 0.388 | 0.375 | 0.363 | 0.354 |
| 167319.263909079 | 167319.26 | 3909079.78 | FENCEGRD | 0.984 | 0.944 | 0.906 | 0.873 | 0.094 | 0.974 | 0.240 | 0.234 | 0.229 | 0.225 |
| 167309.573909162 | 167309.57 | 3909162.59 | FENCEGRD | 2.245 | 2.141 | 2.035 | 1.944 | 0.159 | 1.294 | 0.663 | 0.638 | 0.616 | 0.596 |
| 167309.573909185 | 167309.57 | 3909185.91 | FENCEGRD | 2.647 | 2.533 | 2.414 | 2.313 | 0.202 | 1.379 | 0.865 | 0.835 | 0.808 | 0.782 |
| 167309.573909209 | 167309.57 | 3909209.24 | FENCEGRD | 3.038 | 2.914 | 2.782 | 2.671 | 0.266 | 1.455 | 1.093 | 1.058 | 1.028 | 0.998 |
| 167309.573909232 | 167309.57 | 3909232.56 | FENCEGRD | 3.403 | 3.275 | 3.134 | 3.015 | 0.366 | 1.516 | 1.330 | 1.292 | 1.259 | 1.226 |
| 167309.573909255 | 167309.57 | 3909255.88 | FENCEGRD | 3.665 | 3.548 | 3.413 | 3.297 | 0.508 | 1.535 | 1.540 | 1.502 | 1.468 | 1.434 |
| 167309.573909279 | 167309.57 | 3909279.20 | FENCEGRD | 3.801 | 3.708 | 3.592 | 3.491 | 0.692 | 1.519 | 1.709 | 1.674 | 1.642 | 1.609 |
| 167262.673909120 | 167262.67 | 3909120.23 | FENCEGRD | 1.405 | 1.339 | 1.273 | 1.217 | 0.123 | 1.031 | 0.388 | 0.377 | 0.366 | 0.357 |
| 167268.873909082 | 167268.87 | 3909082.16 | FENCEGRD | 0.979 | 0.939 | 0.900 | 0.866 | 0.099 | 0.887 | 0.259 | 0.253 | 0.248 | 0.243 |
| 167259.573909162 | 167259.57 | 3909162.59 | FENCEGRD | 2.002 | 1.912 | 1.819 | 1.739 | 0.173 | 1.196 | 0.618 | 0.598 | 0.579 | 0.563 |
| 167259.573909185 | 167259.57 | 3909185.91 | FENCEGRD | 2.333 | 2.234 | 2.131 | 2.044 | 0.216 | 1.282 | 0.784 | 0.759 | 0.737 | 0.717 |
| 167259.573909209 | 167259.57 | 3909209.24 | FENCEGRD | 2.638 | 2.532 | 2.419 | 2.326 | 0.278 | 1.350 | 0.962 | 0.935 | 0.911 | 0.887 |
| 167259.573909232 | 167259.57 | 3909232.56 | FENCEGRD | 2.903 | 2.794 | 2.676 | 2.578 | 0.364 | 1.393 | 1.137 | 1.108 | 1.082 | 1.057 |
| 167259.573909255 | 167259.57 | 3909255.88 | FENCEGRD | 3.113 | 3.010 | 2.894 | 2.797 | 0.479 | 1.410 | 1.295 | 1.266 | 1.240 | 1.214 |
| 167259.573909279 | 167259.57 | 3909279.20 | FENCEGRD | 3.261 | 3.170 | 3.064 | 2.974 | 0.624 | 1.408 | 1.433 | 1.405 | 1.379 | 1.353 |
| 167163.013909118 | 167163.01 | 3909118.12 | FENCEGRD | 1.147 | 1.098 | 1.050 | 1.009 | 0.137 | 0.846 | 0.363 | 0.354 | 0.346 | 0.339 |
| 167169.939090751 | 167169.90 | 3909075.82 | FENCEGRD | 0.836 | 0.805 | 0.773 | 0.746 | 0.105 | 0.723 | 0.256 | 0.251 | 0.246 | 0.242 |
| 167176.793909033 | 167176.79 | 3909033.51 | FENCEGRD | 0.619 | 0.600 | 0.581 | 0.565 | 0.087 | 0.601 | 0.183 | 0.180 | 0.177 | 0.175 |
| 167159.573909162 | 167159.57 | 3909162.59 | FENCEGRD | 1.542 | 1.480 | 1.415 | 1.361 | 0.191 | 0.970 | 0.528 | 0.514 | 0.502 | 0.490 |
| 167159.573909185 | 167159.57 | 3909185.91 | FENCEGRD | 1.748 | 1.683 | 1.614 | 1.556 | 0.231 | 1.034 | 0.638 | 0.622 | 0.607 | 0.593 |
| 167159.573909209 | 167159.57 | 3909209.24 | FENCEGRD | 1.938 | 1.870 | 1.798 | 1.737 | 0.283 | 1.091 | 0.755 | 0.738 | 0.722 | 0.707 |
| 167159.573909232 | 167159.57 | 3909232.56 | FENCEGRD | 2.111 | 2.040 | 1.965 | 1.902 | 0.348 | 1.138 | 0.872 | 0.854 | 0.837 | 0.821 |
| 167159.573909255 | 167159.57 | 3909255.88 | FENCEGRD | 2.270 | 2.198 | 2.120 | 2.055 | 0.432 | 1.175 | 0.982 | 0.964 | 0.947 | 0.930 |
| 167159.573909279 | 167159.57 | 3909279.20 | FENCEGRD | 2.413 | 2.342 | 2.264 | 2.198 | 0.533 | 1.201 | 1.084 | 1.065 | 1.047 | 1.030 |
| 167063.263909116 | 167063.26 | 3909116.61 | FENCEGRD | 0.939 | 0.904 | 0.868 | 0.838 | 0.148 | 0.703 | 0.334 | 0.328 | 0.321 | 0.316 |
| 167066.953909093 | 167066.95 | 3909093.95 | FENCEGRD | 0.820 | 0.790 | 0.760 | 0.734 | 0.129 | 0.655 | 0.287 | 0.281 | 0.277 | 0.272 |
| 167070.643909071 | 167070.64 | 3909071.28 | FENCEGRD | 0.713 | 0.689 | 0.664 | 0.643 | 0.112 | 0.605 | 0.247 | 0.243 | 0.239 | 0.235 |
| 167074.333909048 | 167074.33 | 3909048.62 | FENCEGRD | 0.622 | 0.602 | 0.582 | 0.565 | 0.099 | 0.555 | 0.213 | 0.210 | 0.207 | 0.204 |
| 167078.023909025 | 167078.02 | 3909025.96 | FENCEGRD | 0.546 | 0.530 | 0.514 | 0.500 | 0.089 | 0.505 | 0.184 | 0.181 | 0.179 | 0.177 |
| 167081.713909003 | 167081.71 | 3909003.30 | FENCEGRD | 0.483 | 0.470 | 0.457 | 0.446 | 0.082 | 0.458 | 0.159 | 0.157 | 0.155 | 0.154 |
| 167059.573909139 | 167059.57 | 3909139.27 | FENCEGRD | 1.065 | 1.026 | 0.985 | 0.950 | 0.171 | 0.748 | 0.390 | 0.381 | 0.374 | 0.367 |
| 167059.573909162 | 167059.57 | 3909162.59 | FENCEGRD | 1.211 | 1.167 | 1.122 | 1.083 | 0.200 | 0.800 | 0.459 | 0.449 | 0.440 | 0.431 |
| 167059.573909185 | 167059.57 | 3909185.91 | FENCEGRD | 1.353 | 1.307 | 1.259 | 1.218 | 0.234 | 0.851 | 0.538 | 0.526 | 0.516 | 0.505 |
| 167059.573909209 | 167059.57 | 3909209.24 | FENCEGRD | 1.483 | 1.436 | 1.387 | 1.345 | 0.276 | 0.897 | 0.622 | 0.610 | 0.598 | 0.587 |
| 167059.573909232 | 167059.57 | 3909232.56 | FENCEGRD | 1.605 | 1.557 | 1.506 | 1.463 | 0.328 | 0.943 | 0.708 | 0.695 | 0.683 | 0.672 |
| 167059.573909255 | 167059.57 | 3909255.88 | FENCEGRD | 1.723 | 1.673 | 1.619 | 1.575 | 0.391 | 0.985 | 0.791 | 0.778 | 0.766 | 0.754 |
| 167059.573909279 | 167059.57 | 3909279.20 | FENCEGRD | 1.840 | 1.788 | 1.731 | 1.684 | 0.466 | 1.023 | 0.870 | 0.857 | 0.844 | 0.832 |
| 166963.013909118 | 166963.01 | 3909118.12 | FENCEGRD | 0.783 | 0.757 | 0.731 | 0.708 | 0.156 | 0.594 | 0.309 | 0.304 | 0.299 | 0.294 |
| 166969.939090751 | 166969.90 | 3909075.82 | FENCEGRD | 0.632 | 0.612 | 0.592 | 0.574 | 0.124 | 0.523 | 0.243 | 0.239 | 0.236 | 0.233 |
| 166976.793909033 | 166976.79 | 3909033.51 | FENCEGRD | 0.507 | 0.493 | 0.478 | 0.466 | 0.099 | 0.450 | 0.192 | 0.189 | 0.187 | 0.185 |
| 166983.683908991 | 166983.68 | 3908991.21 | FENCEGRD | 0.416 | 0.406 | 0.395 | 0.386 | 0.081 | 0.382 | 0 | | | |

AERMOD Output Concentrations with Unitized Emission Rate

| XY | X | Y | REC TYPE | AERMOD Concentrations (µg/m ³) at 1 g/s | | | | | | | | | |
|------------------|-----------|------------|----------|---|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 166881.273909006 | 166881.27 | 3909006.02 | FENCEGRD | 0.401 | 0.391 | 0.381 | 0.372 | 0.092 | 0.358 | 0.164 | 0.162 | 0.160 | 0.159 |
| 166884.893908983 | 166884.89 | 3908983.81 | FENCEGRD | 0.367 | 0.358 | 0.350 | 0.342 | 0.083 | 0.330 | 0.148 | 0.147 | 0.145 | 0.144 |
| 166888.53908961. | 166888.50 | 3908961.60 | FENCEGRD | 0.337 | 0.330 | 0.322 | 0.316 | 0.076 | 0.302 | 0.134 | 0.133 | 0.131 | 0.130 |
| 166859.573909139 | 166859.57 | 3909139.27 | FENCEGRD | 0.717 | 0.696 | 0.673 | 0.654 | 0.172 | 0.534 | 0.314 | 0.308 | 0.304 | 0.299 |
| 166859.573909162 | 166859.57 | 3909162.59 | FENCEGRD | 0.794 | 0.771 | 0.746 | 0.725 | 0.193 | 0.568 | 0.355 | 0.349 | 0.343 | 0.338 |
| 166859.573909185 | 166859.57 | 3909185.91 | FENCEGRD | 0.873 | 0.848 | 0.822 | 0.800 | 0.218 | 0.602 | 0.401 | 0.394 | 0.388 | 0.382 |
| 166859.573909209 | 166859.57 | 3909209.24 | FENCEGRD | 0.950 | 0.925 | 0.898 | 0.875 | 0.246 | 0.637 | 0.452 | 0.444 | 0.437 | 0.431 |
| 166859.573909232 | 166859.57 | 3909232.56 | FENCEGRD | 1.021 | 0.995 | 0.968 | 0.944 | 0.280 | 0.671 | 0.504 | 0.496 | 0.489 | 0.482 |
| 166859.573909255 | 166859.57 | 3909255.88 | FENCEGRD | 1.085 | 1.059 | 1.031 | 1.007 | 0.319 | 0.702 | 0.555 | 0.547 | 0.540 | 0.533 |
| 166859.573909279 | 166859.57 | 3909279.20 | FENCEGRD | 1.146 | 1.119 | 1.090 | 1.066 | 0.363 | 0.732 | 0.603 | 0.595 | 0.588 | 0.581 |
| 167540.53909215. | 167540.50 | 3909215.75 | | 2.045 | 2.099 | 2.168 | 2.225 | 0.599 | 1.843 | 3.931 | 3.912 | 3.895 | 3.782 |
| 167541.643909179 | 167541.64 | 3909179.96 | | 1.593 | 1.571 | 1.576 | 1.577 | 0.488 | 1.801 | 2.641 | 2.405 | 2.164 | 1.943 |
| 167537.743909149 | 167537.74 | 3909149.96 | | 1.006 | 0.986 | 0.977 | 0.961 | 0.406 | 1.736 | 1.193 | 1.017 | 0.869 | 0.766 |
| 167536.333909120 | 167536.33 | 3909120.68 | | 0.523 | 0.511 | 0.509 | 0.508 | 0.370 | 1.659 | 0.412 | 0.366 | 0.331 | 0.308 |
| 167536.333909106 | 167536.33 | 3909106.64 | | 0.396 | 0.397 | 0.406 | 0.414 | 0.361 | 1.619 | 0.277 | 0.259 | 0.243 | 0.232 |
| 167534.583909076 | 167534.58 | 3909076.82 | | 0.344 | 0.350 | 0.360 | 0.369 | 0.335 | 1.519 | 0.189 | 0.183 | 0.177 | 0.173 |
| 167559.143909104 | 167559.14 | 3909104.89 | | 0.338 | 0.341 | 0.346 | 0.351 | 0.518 | 1.767 | 0.336 | 0.312 | 0.291 | 0.275 |
| 167557.393909075 | 167557.39 | 3909075.06 | | 0.333 | 0.335 | 0.336 | 0.338 | 0.451 | 1.608 | 0.259 | 0.246 | 0.234 | 0.224 |
| 167589.843909052 | 167589.84 | 3909052.25 | | 0.548 | 0.466 | 0.409 | 0.382 | 0.662 | 1.836 | 0.520 | 0.475 | 0.436 | 0.403 |
| 167615.283909003 | 167615.28 | 3909003.13 | | 1.720 | 1.391 | 1.111 | 0.944 | 0.713 | 1.836 | 0.686 | 0.635 | 0.588 | 0.549 |
| 167542.473909053 | 167542.47 | 3909053.13 | | 0.334 | 0.338 | 0.345 | 0.352 | 0.353 | 1.457 | 0.195 | 0.188 | 0.181 | 0.175 |
| 167566.163909006 | 167566.16 | 3909006.64 | | 0.459 | 0.434 | 0.413 | 0.403 | 0.410 | 1.350 | 0.286 | 0.271 | 0.256 | 0.244 |
| 167539.753909198 | 167539.75 | 3909198.46 | | 1.886 | 1.908 | 1.947 | 1.976 | 0.505 | 1.811 | 3.325 | 3.190 | 3.037 | 2.838 |
| 167537.083909134 | 167537.08 | 3909134.72 | | 0.729 | 0.708 | 0.697 | 0.685 | 0.386 | 1.699 | 0.691 | 0.592 | 0.512 | 0.460 |
| 167535.553909092 | 167535.55 | 3909092.74 | | 0.353 | 0.360 | 0.371 | 0.381 | 0.348 | 1.573 | 0.218 | 0.209 | 0.200 | 0.194 |
| 167558.453909089 | 167558.45 | 3909089.69 | | 0.331 | 0.334 | 0.339 | 0.342 | 0.482 | 1.681 | 0.282 | 0.267 | 0.252 | 0.241 |
| 167553.493909032 | 167553.49 | 3909032.06 | | 0.349 | 0.346 | 0.347 | 0.351 | 0.381 | 1.409 | 0.231 | 0.220 | 0.209 | 0.200 |
| 167601.963909028 | 167601.96 | 3909028.24 | | 1.082 | 0.844 | 0.664 | 0.572 | 0.690 | 1.833 | 0.609 | 0.560 | 0.515 | 0.478 |

Project Ground Level Concentrations

Project Ground Level Concentrations-3rd Trimester

| | | | | 3rd Trimester GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167603.820034585390 | 167603.82 | 3909302.48 | FENCEGRD | 1.50E-04 | 1.55E-04 | 1.61E-04 | 1.69E-04 | 3.65E-05 | 4.57E-05 | 3.25E-06 | 3.37E-06 | 3.51E-06 | 3.66E-06 |
| 167615.268534585390 | 167615.27 | 3909280.72 | FENCEGRD | 1.43E-04 | 1.47E-04 | 1.52E-04 | 1.55E-04 | 4.31E-05 | 4.61E-05 | 3.18E-06 | 3.32E-06 | 3.48E-06 | 3.65E-06 |
| 167626.717034585390 | 167626.72 | 3909258.96 | FENCEGRD | 1.32E-04 | 1.36E-04 | 1.37E-04 | 1.38E-04 | 4.80E-05 | 4.72E-05 | 3.32E-06 | 3.49E-06 | 3.67E-06 | 3.86E-06 |
| 167638.165534585390 | 167638.17 | 3909237.19 | FENCEGRD | 1.11E-04 | 1.14E-04 | 1.17E-04 | 1.17E-04 | 5.15E-05 | 4.93E-05 | 3.68E-06 | 3.85E-06 | 4.05E-06 | 4.28E-06 |
| 167649.614034585390 | 167649.61 | 3909215.43 | FENCEGRD | 8.92E-05 | 8.95E-05 | 9.12E-05 | 9.25E-05 | 5.34E-05 | 5.37E-05 | 4.67E-06 | 4.86E-06 | 5.06E-06 | 5.35E-06 |
| 167661.062534585390 | 167661.06 | 3909193.67 | FENCEGRD | 8.62E-05 | 8.07E-05 | 7.69E-05 | 7.63E-05 | 5.24E-05 | 6.13E-05 | 6.66E-06 | 7.00E-06 | 7.33E-06 | 7.78E-06 |
| 167672.511034585390 | 167672.51 | 3909171.91 | FENCEGRD | 8.65E-05 | 7.92E-05 | 7.14E-05 | 6.62E-05 | 4.94E-05 | 7.13E-05 | 9.28E-06 | 9.86E-06 | 1.05E-05 | 1.13E-05 |
| 167683.959534585390 | 167683.96 | 3909150.15 | FENCEGRD | 9.67E-05 | 8.88E-05 | 7.96E-05 | 7.29E-05 | 4.54E-05 | 8.17E-05 | 1.20E-05 | 1.28E-05 | 1.38E-05 | 1.50E-05 |
| 167695.408034585390 | 167695.41 | 3909128.39 | FENCEGRD | 1.36E-04 | 1.39E-04 | 1.45E-04 | 1.63E-04 | 4.17E-05 | 9.14E-05 | 1.44E-05 | 1.54E-05 | 1.67E-05 | 1.80E-05 |
| 167706.856534585390 | 167706.86 | 3909106.63 | FENCEGRD | 3.12E-04 | 3.67E-04 | 4.50E-04 | 5.60E-04 | 3.85E-05 | 1.00E-04 | 1.60E-05 | 1.70E-05 | 1.81E-05 | 1.92E-05 |
| 167718.305034585390 | 167718.31 | 3909084.86 | FENCEGRD | 5.84E-04 | 6.88E-04 | 8.16E-04 | 9.40E-04 | 3.65E-05 | 1.08E-04 | 1.66E-05 | 1.73E-05 | 1.80E-05 | 1.85E-05 |
| 167729.753534585390 | 167729.75 | 3909063.10 | FENCEGRD | 8.46E-04 | 9.44E-04 | 1.05E-03 | 1.12E-03 | 3.45E-05 | 1.16E-04 | 1.64E-05 | 1.67E-05 | 1.70E-05 | 1.71E-05 |
| 167741.202034585390 | 167741.20 | 3909041.34 | FENCEGRD | 9.96E-04 | 1.06E-03 | 1.12E-03 | 1.16E-03 | 3.26E-05 | 1.24E-04 | 1.56E-05 | 1.57E-05 | 1.57E-05 | 1.56E-05 |
| 167752.650534585390 | 167752.65 | 3909019.58 | FENCEGRD | 1.04E-03 | 1.08E-03 | 1.10E-03 | 1.11E-03 | 3.07E-05 | 1.32E-04 | 1.46E-05 | 1.45E-05 | 1.44E-05 | 1.42E-05 |
| 167764.099034585390 | 167764.10 | 3908997.82 | FENCEGRD | 1.02E-03 | 1.03E-03 | 1.04E-03 | 1.03E-03 | 2.88E-05 | 1.39E-04 | 1.35E-05 | 1.33E-05 | 1.32E-05 | 1.30E-05 |
| 167775.547534585390 | 167775.55 | 3908976.06 | FENCEGRD | 9.50E-04 | 9.53E-04 | 9.50E-04 | 9.40E-04 | 2.68E-05 | 1.46E-04 | 1.24E-05 | 1.22E-05 | 1.20E-05 | 1.18E-05 |
| 167786.996034585390 | 167787.00 | 3908954.30 | FENCEGRD | 8.71E-04 | 8.66E-04 | 8.56E-04 | 8.43E-04 | 2.51E-05 | 1.52E-04 | 1.14E-05 | 1.13E-05 | 1.11E-05 | 1.09E-05 |
| 167798.444534585390 | 167798.44 | 3908932.53 | FENCEGRD | 7.86E-04 | 7.75E-04 | 7.60E-04 | 7.44E-04 | 2.31E-05 | 1.58E-04 | 1.04E-05 | 1.03E-05 | 1.01E-05 | 9.89E-06 |
| 167809.893034585390 | 167809.89 | 3908910.77 | FENCEGRD | 7.09E-04 | 6.96E-04 | 6.80E-04 | 6.64E-04 | 2.16E-05 | 1.64E-04 | 9.64E-06 | 9.47E-06 | 9.29E-06 | 9.12E-06 |
| 167821.341534585390 | 167821.34 | 3908889.01 | FENCEGRD | 6.34E-04 | 6.20E-04 | 6.04E-04 | 5.89E-04 | 1.99E-05 | 1.74E-04 | 8.85E-06 | 8.69E-06 | 8.52E-06 | 8.36E-06 |
| 167832.790034585390 | 167832.79 | 3908867.25 | FENCEGRD | 5.71E-04 | 5.58E-04 | 5.44E-04 | 5.31E-04 | 1.87E-05 | 1.86E-04 | 8.24E-06 | 8.09E-06 | 7.94E-06 | 7.80E-06 |
| 167583.765368876390 | 167583.77 | 3909333.07 | FENCEGRD | 1.56E-04 | 1.64E-04 | 1.75E-04 | 1.86E-04 | 2.66E-05 | 4.69E-05 | 3.43E-06 | 3.53E-06 | 3.66E-06 | 3.80E-06 |
| 167625.945051877390 | 167625.95 | 3909314.12 | FENCEGRD | 1.54E-04 | 1.60E-04 | 1.64E-04 | 1.67E-04 | 2.50E-05 | 3.98E-05 | 2.71E-06 | 2.82E-06 | 2.94E-06 | 3.05E-06 |
| 167637.393551877390 | 167637.39 | 3909292.36 | FENCEGRD | 1.46E-04 | 1.54E-04 | 1.61E-04 | 1.65E-04 | 3.09E-05 | 4.04E-05 | 2.70E-06 | 2.81E-06 | 2.93E-06 | 3.05E-06 |
| 167648.842051877390 | 167648.84 | 3909270.60 | FENCEGRD | 1.32E-04 | 1.41E-04 | 1.50E-04 | 1.56E-04 | 3.64E-05 | 4.16E-05 | 2.86E-06 | 2.95E-06 | 3.06E-06 | 3.18E-06 |
| 167660.290551877390 | 167660.29 | 3909248.83 | FENCEGRD | 1.14E-04 | 1.18E-04 | 1.24E-04 | 1.30E-04 | 4.06E-05 | 4.28E-05 | 3.15E-06 | 3.22E-06 | 3.30E-06 | 3.41E-06 |
| 167671.739051877390 | 167671.74 | 3909227.07 | FENCEGRD | 1.19E-04 | 1.17E-04 | 1.14E-04 | 1.14E-04 | 4.44E-05 | 4.54E-05 | 3.78E-06 | 3.86E-06 | 3.94E-06 | 4.05E-06 |
| 167683.187551877390 | 167683.19 | 3909205.31 | FENCEGRD | 1.46E-04 | 1.41E-04 | 1.33E-04 | 1.24E-04 | 4.65E-05 | 4.99E-05 | 4.83E-06 | 4.99E-06 | 5.15E-06 | 5.35E-06 |
| 167694.636051877390 | 167694.64 | 3909183.55 | FENCEGRD | 1.57E-04 | 1.55E-04 | 1.50E-04 | 1.43E-04 | 4.69E-05 | 5.66E-05 | 6.37E-06 | 6.65E-06 | 6.94E-06 | 7.29E-06 |
| 167706.084551877390 | 167706.08 | 3909161.79 | FENCEGRD | 1.64E-04 | 1.61E-04 | 1.54E-04 | 1.46E-04 | 4.54E-05 | 6.44E-05 | 8.28E-06 | 8.70E-06 | 9.17E-06 | 9.72E-06 |
| 167717.533051877390 | 167717.53 | 3909140.03 | FENCEGRD | 1.87E-04 | 1.90E-04 | 1.89E-04 | 1.90E-04 | 4.30E-05 | 7.28E-05 | 1.04E-05 | 1.09E-05 | 1.16E-05 | 1.24E-05 |
| 167728.981551877390 | 167728.98 | 3909118.27 | FENCEGRD | 2.46E-04 | 2.68E-04 | 2.94E-04 | 3.31E-04 | 4.05E-05 | 7.99E-05 | 1.21E-05 | 1.27E-05 | 1.35E-05 | 1.44E-05 |
| 167740.430051877390 | 167740.43 | 3909096.50 | FENCEGRD | 3.85E-04 | 4.35E-04 | 5.01E-04 | 5.77E-04 | 3.86E-05 | 8.76E-05 | 1.34E-05 | 1.41E-05 | 1.48E-05 | 1.56E-05 |
| 167751.878551877390 | 167751.88 | 3909074.74 | FENCEGRD | 5.77E-04 | 6.52E-04 | 7.43E-04 | 8.31E-04 | 3.68E-05 | 9.57E-05 | 1.43E-05 | 1.48E-05 | 1.54E-05 | 1.59E-05 |
| 167763.327051877390 | 167763.33 | 3909052.98 | FENCEGRD | 7.57E-04 | 8.33E-04 | 9.16E-04 | 9.87E-04 | 3.52E-05 | 1.04E-04 | 1.46E-05 | 1.49E-05 | 1.53E-05 | 1.56E-05 |
| 167774.775551877390 | 167774.78 | 3909031.22 | FENCEGRD | 8.66E-04 | 9.30E-04 | 9.95E-04 | 1.04E-03 | 3.30E-05 | 1.12E-04 | 1.43E-05 | 1.45E-05 | 1.47E-05 | 1.48E-05 |
| 167786.224051877390 | 167786.22 | 3909009.46 | FENCEGRD | 9.00E-04 | 9.43E-04 | 9.86E-04 | 1.01E-03 | 3.05E-05 | 1.19E-04 | 1.36E-05 | 1.37E-05 | 1.37E-05 | 1.37E-05 |
| 167797.672551877390 | 167797.67 | 3908987.70 | FENCEGRD | 8.83E-04 | 9.08E-04 | 9.29E-04 | 9.39E-04 | 2.79E-05 | 1.25E-04 | 1.27E-05 | 1.27E-05 | 1.27E-05 | 1.26E-05 |
| 167809.121051877390 | 167809.12 | 3908965.94 | FENCEGRD | 8.40E-04 | 8.52E-04 | 8.59E-04 | 8.57E-04 | 2.57E-05 | 1.33E-04 | 1.19E-05 | 1.18E-05 | 1.17E-05 | 1.16E-05 |
| 167820.569551877390 | 167820.57 | 3908944.17 | FENCEGRD | 7.83E-04 | 7.85E-04 | 7.83E-04 | 7.74E-04 | 2.35E-05 | 1.43E-04 | 1.11E-05 | 1.10E-05 | 1.08E-05 | 1.07E-05 |
| 167832.018051877390 | 167832.02 | 3908922.41 | FENCEGRD | 7.16E-04 | 7.13E-04 | 7.05E-04 | 6.93E-04 | 2.18E-05 | 1.55E-04 | 1.04E-05 | 1.02E-05 | 1.01E-05 | 9.91E-06 |
| 167843.466551877390 | 167843.47 | 3908900.65 | FENCEGRD | 6.34E-04 | 6.28E-04 | 6.20E-04 | 6.08E-04 | 2.03E-05 | 1.71E-04 | 9.80E-06 | 9.64E-06 | 9.47E-06 | 9.30E-06 |
| 167854.915051877390 | 167854.92 | 3908878.89 | FENCEGRD | 5.55E-04 | 5.48E-04 | 5.40E-04 | 5.30E-04 | 1.91E-05 | 1.85E-04 | 9.16E-06 | 9.00E-06 | 8.84E-06 | 8.68E-06 |
| 167610.577017612390 | 167610.58 | 3909342.60 | FENCEGRD | 1.49E-04 | 1.53E-04 | 1.57E-04 | 1.61E-04 | 1.69E-05 | 3.99E-05 | 2.89E-06 | 2.97E-06 | 3.06E-06 | 3.14E-06 |
| 167554.337440276390 | 167554.34 | 3909367.86 | FENCEGRD | 1.75E-04 | 1.87E-04 | 2.02E-04 | 2.17E-04 | 1.82E-05 | 4.90E-05 | 3.65E-06 | 3.79E-06 | 3.95E-06 | 4.11E-06 |
| 167648.070069173909 | 167648.07 | 3909325.76 | FENCEGRD | 1.35E-04 | 1.45E-04 | 1.56E-04 | 1.63E-04 | 1.87E-05 | 3.63E-05 | 2.39E-06 | 2.48E-06 | 2.58E-06 | 2.67E-06 |
| 167659.518569173909 | 167659.52 | 3909304.00 | FENCEGRD | 1.27E-04 | 1.36E-04 | 1.48E-04 | 1.57E-04 | 2.29E-05 | 3.70E-05 | 2.47E-06 | 2.54E-06 | 2.62E-06 | 2.70E-06 |
| 167670.967069173909 | 167670.97 | 3909282.24 | FENCEGRD | 1.18E-04 | 1.25E-04 | 1.34E-04 | 1.42E-04 | 2.74E-05 | 3.79E-05 | 2.67E-06 | 2.71E-06 | 2.76E-06 | 2.83E-06 |
| 167682.415569173909 | 167682.42 | 3909260.47 | FENCEGRD | 1.19E-04 | 1.20E-04 | 1.22E-04 | 1.24E-04 | 3.16E-05 | 3.88E-05 | 2.94E-06 | 2.97E-06 | 3.01E-06 | 3.06E-06 |
| 167693.864069173909 | 167693.86 | 3909238.71 | FENCEGRD | 1.38E-04 | 1.36E-04 | 1.32E-04 | 1.28E-04 | 3.56E-05 | 4.02E-05 | 3.31E-06 | 3.37E-06 | 3.43E-06 | 3.49E-06 |
| 167705.312569173909 | 167705.31 | 3909216.95 | FENCEGRD | 1.69E-04 | 1.73E-04 | 1.73E-04 | 1.72E-04 | 3.96E-05 | 4.36E-05 | 3.98E-06 | 4.08E-06 | 4.18E-06 | 4.30E-06 |
| 167716.761069173909 | 167716.76 | 3909195.19 | FENCEGRD | 1.77E-04 | 1.81E-04 | 1.83E-04 | 1.84E-04 | 4.19E-05 | 4.80E-05 | 4.91E-06 | 5.07E-06 | 5.23E-06 | 5.42E-06 |
| 167728.209569173909 | 167728.21 | 3909173.43 | FENCEGRD | 1.78E-04 | 1.81E-04 | 1.81E-04 | 1.79E-04 | 4.21E-05 | 5.28E-05 | 6.03E-06 | 6.26E-06 | 6.51E-06 | 6.79E-06 |
| 167739.658069173909 | 167739.66 | 3909151.67 | FENCEGRD | 1.78E-04 | 1.80E-04 | 1.81E-04 | 1.80E-04 | 4.14E-05 | 5.82E-05 | 7.38E-06 | 7.71E-06 | 8.07E-06 | 8.47E-06 |
| 167751.106569173909 | 167751.11 | 3909129.91 | FENCEGRD | 2.04E-04 | 2.16E-04 | 2.28E-04 | 2.42E-04 | 4.02E-05 | 6.45E-05 | 8.89E-06 | 9.32E-06 | 9.80E-06 | 1.03E-05 |
| 167762.555069173909 | 167762.56 | 3909108.14 | FENCEGRD | 2.84E-04 | 3.11E-04 | 3.44E-04 | 3.83E-04 | 3.89E-05 | 7.14E-05 | 1.03E-05 | 1.08E-05 | 1.14E-05 | 1.20E-05 |
| 167774.003569173909 | 167774.00 | 3909086.38 | FENCEGRD | 4.04E-04 | 4.50E-04 | 5.09E-04 | 5.70E-04 | 3.75E-05 | 7.88E-05 | 1.16E-05 | 1.21E-05 | 1.26E-05 | 1.32E-05 |
| 167785.452069173909 | 167785.45 | 3909064.62 | FENCEGRD | 5.41E-04 | 6.02E-04 | 6.76E-04 | 7.47E-04 | 3.61E-05 | 8.65E-05 | 1.24E-05 | 1.29E-05 | 1.34E-05 | 1.38E-05 |
| 167796.900569173909 | 167796.90 | 3909042.86 | FENCEGRD | 6.62E-04 | 7.24E-04 | 7.94E-04 | 8.55E-04 | 3.39E-05 | 9.38E-05 | 1.28E-05 | 1.31E-05 | 1.35E-05 | 1.38E-05 |
| 167808.349069173909 | 167808.35 | 3909021.10 | FENCEGRD | 7.38E-04 | 7.90E-04 | 8.46E-04 | 8.90E-04 | 3.15E-05 | 1.01E-04 | 1.27E-05 | 1.30E-05 | 1.32E-05 | 1.34E-05 |
| 167819.797569173908 | 167819.80 | 3908999.34 | FENCEGRD | 7.73E-04 | 8.12E-04 | 8.52E-04 | 8.80E-04 | 2.90E-05 | 1.10E-04 | 1.24E-05 | 1.26E-05 | 1.27E-05 | 1.28E-05 |
| 167831.246069173908 | 167831.25 | 3908977.57 | FENCEGRD | 7.73E-04 | 8.01E-04 | 8. | | | | | | | |

Project Ground Level Concentrations-3rd Trimester

| | | | | 3rd Trimester GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167818.253603755390 | 167818.25 | 3909109.66 | FENCEGRD | 2.47E-04 | 2.66E-04 | 2.88E-04 | 3.11E-04 | 3.41E-05 | 5.59E-05 | 7.27E-06 | 7.54E-06 | 7.83E-06 | 8.13E-06 |
| 167829.702103755390 | 167829.70 | 3909087.90 | FENCEGRD | 3.08E-04 | 3.33E-04 | 3.64E-04 | 3.96E-04 | 3.37E-05 | 6.13E-05 | 8.22E-06 | 8.51E-06 | 8.84E-06 | 9.18E-06 |
| 167841.150603755390 | 167841.15 | 3909066.14 | FENCEGRD | 3.77E-04 | 4.10E-04 | 4.50E-04 | 4.90E-04 | 3.29E-05 | 6.78E-05 | 9.09E-06 | 9.40E-06 | 9.75E-06 | 1.01E-05 |
| 167852.599103755390 | 167852.60 | 3909044.38 | FENCEGRD | 4.46E-04 | 4.86E-04 | 5.34E-04 | 5.78E-04 | 3.16E-05 | 7.53E-05 | 9.85E-06 | 1.01E-05 | 1.05E-05 | 1.08E-05 |
| 167864.047603755390 | 167864.05 | 3909022.62 | FENCEGRD | 4.98E-04 | 5.42E-04 | 5.93E-04 | 6.37E-04 | 3.04E-05 | 8.55E-05 | 1.06E-05 | 1.08E-05 | 1.11E-05 | 1.14E-05 |
| 167875.496103755390 | 167875.50 | 3909000.85 | FENCEGRD | 4.72E-04 | 5.12E-04 | 5.59E-04 | 6.00E-04 | 2.95E-05 | 9.85E-05 | 1.13E-05 | 1.15E-05 | 1.18E-05 | 1.20E-05 |
| 167886.944603755390 | 167886.94 | 3908979.09 | FENCEGRD | 3.64E-04 | 3.92E-04 | 4.26E-04 | 4.56E-04 | 2.80E-05 | 1.06E-04 | 1.13E-05 | 1.15E-05 | 1.18E-05 | 1.20E-05 |
| 167898.393103755390 | 167898.39 | 3908957.33 | FENCEGRD | 3.41E-04 | 3.63E-04 | 3.90E-04 | 4.13E-04 | 2.62E-05 | 1.11E-04 | 1.09E-05 | 1.11E-05 | 1.13E-05 | 1.14E-05 |
| 167909.841603755390 | 167909.84 | 3908935.57 | FENCEGRD | 3.42E-04 | 3.61E-04 | 3.83E-04 | 4.02E-04 | 2.45E-05 | 1.16E-04 | 1.05E-05 | 1.06E-05 | 1.07E-05 | 1.09E-05 |
| 167921.290103755390 | 167921.29 | 3908913.81 | FENCEGRD | 3.82E-04 | 3.99E-04 | 4.18E-04 | 4.34E-04 | 2.32E-05 | 1.24E-04 | 1.01E-05 | 1.02E-05 | 1.03E-05 | 1.04E-05 |
| 167716.119382945390 | 167716.12 | 3909381.50 | FENCEGRD | 2.54E-05 | 2.70E-05 | 2.94E-05 | 3.18E-05 | 9.23E-06 | 2.39E-05 | 1.67E-06 | 1.69E-06 | 1.71E-06 | 1.74E-06 |
| 167675.217872155390 | 167675.22 | 3909399.88 | FENCEGRD | 5.75E-05 | 6.23E-05 | 6.89E-05 | 7.51E-05 | 1.02E-05 | 2.78E-05 | 1.79E-06 | 1.85E-06 | 1.91E-06 | 1.98E-06 |
| 167634.316361365390 | 167634.32 | 3909418.25 | FENCEGRD | 1.09E-04 | 1.14E-04 | 1.19E-04 | 1.22E-04 | 8.48E-06 | 3.11E-05 | 2.18E-06 | 2.25E-06 | 2.31E-06 | 2.38E-06 |
| 167593.414850576390 | 167593.41 | 3909436.62 | FENCEGRD | 1.16E-04 | 1.19E-04 | 1.22E-04 | 1.26E-04 | 7.70E-06 | 3.38E-05 | 2.45E-06 | 2.48E-06 | 2.51E-06 | 2.55E-06 |
| 167552.513339786390 | 167552.51 | 3909454.99 | FENCEGRD | 1.26E-04 | 1.31E-04 | 1.38E-04 | 1.45E-04 | 9.57E-06 | 3.68E-05 | 2.60E-06 | 2.66E-06 | 2.73E-06 | 2.80E-06 |
| 167387.213968908390 | 167387.21 | 3909314.50 | FENCEGRD | 4.20E-04 | 4.25E-04 | 4.28E-04 | 4.29E-04 | 1.98E-05 | 1.09E-04 | 1.01E-05 | 1.01E-05 | 1.01E-05 | 1.01E-05 |
| 167373.391984454390 | 167373.39 | 3909296.85 | FENCEGRD | 4.51E-04 | 4.50E-04 | 4.46E-04 | 4.41E-04 | 1.51E-05 | 1.17E-04 | 1.01E-05 | 9.97E-06 | 9.87E-06 | 9.75E-06 |
| 167748.018638343909 | 167748.02 | 3909350.56 | FENCEGRD | 2.92E-05 | 3.02E-05 | 3.17E-05 | 3.34E-05 | 1.03E-05 | 2.50E-05 | 1.99E-06 | 2.02E-06 | 2.04E-06 | 2.06E-06 |
| 167759.467138343909 | 167759.47 | 3909328.79 | FENCEGRD | 3.33E-05 | 3.41E-05 | 3.54E-05 | 3.68E-05 | 1.18E-05 | 2.61E-05 | 2.18E-06 | 2.21E-06 | 2.25E-06 | 2.28E-06 |
| 167770.915638343909 | 167770.92 | 3909307.03 | FENCEGRD | 4.07E-05 | 4.21E-05 | 4.42E-05 | 4.63E-05 | 1.36E-05 | 2.74E-05 | 2.35E-06 | 2.39E-06 | 2.44E-06 | 2.49E-06 |
| 167782.364138343909 | 167782.36 | 3909285.27 | FENCEGRD | 6.09E-05 | 6.41E-05 | 6.86E-05 | 7.29E-05 | 1.57E-05 | 2.95E-05 | 2.54E-06 | 2.58E-06 | 2.63E-06 | 2.68E-06 |
| 167793.812638343909 | 167793.81 | 3909263.51 | FENCEGRD | 8.47E-05 | 8.95E-05 | 9.58E-05 | 1.02E-04 | 1.77E-05 | 3.09E-05 | 2.67E-06 | 2.72E-06 | 2.77E-06 | 2.82E-06 |
| 167805.261138343909 | 167805.26 | 3909241.75 | FENCEGRD | 1.06E-04 | 1.11E-04 | 1.18E-04 | 1.24E-04 | 1.97E-05 | 3.19E-05 | 2.79E-06 | 2.84E-06 | 2.89E-06 | 2.94E-06 |
| 167816.709638343909 | 167816.71 | 3909219.99 | FENCEGRD | 1.15E-04 | 1.21E-04 | 1.28E-04 | 1.35E-04 | 2.19E-05 | 3.35E-05 | 3.03E-06 | 3.08E-06 | 3.14E-06 | 3.21E-06 |
| 167828.158138343909 | 167828.16 | 3909198.23 | FENCEGRD | 1.21E-04 | 1.27E-04 | 1.35E-04 | 1.42E-04 | 2.40E-05 | 3.57E-05 | 3.40E-06 | 3.48E-06 | 3.55E-06 | 3.64E-06 |
| 167839.606638343909 | 167839.61 | 3909176.46 | FENCEGRD | 1.31E-04 | 1.38E-04 | 1.47E-04 | 1.55E-04 | 2.57E-05 | 3.82E-05 | 3.88E-06 | 3.98E-06 | 4.08E-06 | 4.19E-06 |
| 167851.055138343909 | 167851.06 | 3909154.70 | FENCEGRD | 1.44E-04 | 1.52E-04 | 1.62E-04 | 1.72E-04 | 2.69E-05 | 4.10E-05 | 4.42E-06 | 4.54E-06 | 4.67E-06 | 4.81E-06 |
| 167862.503638343909 | 167862.50 | 3909132.94 | FENCEGRD | 1.67E-04 | 1.78E-04 | 1.92E-04 | 2.06E-04 | 2.78E-05 | 4.39E-05 | 4.99E-06 | 5.13E-06 | 5.29E-06 | 5.45E-06 |
| 167873.952138343909 | 167873.95 | 3909111.18 | FENCEGRD | 2.00E-04 | 2.15E-04 | 2.32E-04 | 2.50E-04 | 2.83E-05 | 4.73E-05 | 5.60E-06 | 5.76E-06 | 5.94E-06 | 6.12E-06 |
| 167885.400638343909 | 167885.40 | 3909089.42 | FENCEGRD | 2.38E-04 | 2.55E-04 | 2.76E-04 | 2.96E-04 | 2.86E-05 | 5.16E-05 | 6.26E-06 | 6.44E-06 | 6.65E-06 | 6.85E-06 |
| 167896.849138343909 | 167896.85 | 3909067.66 | FENCEGRD | 2.72E-04 | 2.92E-04 | 3.17E-04 | 3.41E-04 | 2.86E-05 | 5.72E-05 | 6.96E-06 | 7.17E-06 | 7.40E-06 | 7.63E-06 |
| 167908.297638343909 | 167908.30 | 3909045.90 | FENCEGRD | 2.99E-04 | 3.22E-04 | 3.52E-04 | 3.80E-04 | 2.84E-05 | 6.36E-05 | 7.64E-06 | 7.87E-06 | 8.12E-06 | 8.37E-06 |
| 167919.746138343909 | 167919.75 | 3909024.13 | FENCEGRD | 3.19E-04 | 3.45E-04 | 3.78E-04 | 4.09E-04 | 2.79E-05 | 7.04E-05 | 8.24E-06 | 8.48E-06 | 8.74E-06 | 8.98E-06 |
| 167931.194638343909 | 167931.19 | 3909002.37 | FENCEGRD | 3.35E-04 | 3.63E-04 | 3.96E-04 | 4.26E-04 | 2.72E-05 | 7.67E-05 | 8.68E-06 | 8.90E-06 | 9.14E-06 | 9.36E-06 |
| 167942.643138343909 | 167942.64 | 3908980.61 | FENCEGRD | 3.56E-04 | 3.82E-04 | 4.13E-04 | 4.40E-04 | 2.63E-05 | 8.22E-05 | 8.89E-06 | 9.08E-06 | 9.29E-06 | 9.48E-06 |
| 167954.091638343909 | 167954.09 | 3908958.85 | FENCEGRD | 3.80E-04 | 4.03E-04 | 4.30E-04 | 4.53E-04 | 2.54E-05 | 8.71E-05 | 8.93E-06 | 9.09E-06 | 9.26E-06 | 9.41E-06 |
| 167965.540138343909 | 167965.54 | 3908937.09 | FENCEGRD | 4.01E-04 | 4.21E-04 | 4.44E-04 | 4.63E-04 | 2.44E-05 | 9.14E-05 | 8.85E-06 | 8.97E-06 | 9.11E-06 | 9.23E-06 |
| 167759.189566257390 | 167759.19 | 3909405.31 | FENCEGRD | 1.26E-05 | 1.26E-05 | 1.26E-05 | 1.26E-05 | 4.14E-06 | 1.25E-05 | 8.50E-07 | 8.61E-07 | 8.68E-07 | 8.78E-07 |
| 167737.558959589390 | 167737.56 | 3909415.03 | FENCEGRD | 1.32E-05 | 1.35E-05 | 1.39E-05 | 1.43E-05 | 5.14E-06 | 1.51E-05 | 9.77E-07 | 9.91E-07 | 1.00E-06 | 1.02E-06 |
| 167715.928352922390 | 167715.93 | 3909424.75 | FENCEGRD | 1.97E-05 | 2.07E-05 | 2.23E-05 | 2.39E-05 | 6.80E-06 | 1.93E-05 | 1.21E-06 | 1.23E-06 | 1.26E-06 | 1.28E-06 |
| 167694.297746254390 | 167694.30 | 3909434.46 | FENCEGRD | 4.10E-05 | 4.40E-05 | 4.82E-05 | 5.21E-05 | 7.97E-06 | 2.35E-05 | 1.46E-06 | 1.49E-06 | 1.54E-06 | 1.58E-06 |
| 167672.667139586390 | 167672.67 | 3909444.18 | FENCEGRD | 6.89E-05 | 7.37E-05 | 7.98E-05 | 8.52E-05 | 7.71E-06 | 2.58E-05 | 1.63E-06 | 1.68E-06 | 1.74E-06 | 1.80E-06 |
| 167651.036532919390 | 167651.04 | 3909453.89 | FENCEGRD | 8.91E-05 | 9.39E-05 | 9.90E-05 | 1.03E-04 | 6.94E-06 | 2.73E-05 | 1.82E-06 | 1.87E-06 | 1.93E-06 | 1.99E-06 |
| 167629.405926251390 | 167629.41 | 3909463.61 | FENCEGRD | 9.93E-05 | 1.02E-04 | 1.05E-04 | 1.08E-04 | 6.39E-06 | 2.86E-05 | 2.02E-06 | 2.06E-06 | 2.11E-06 | 2.15E-06 |
| 167607.775319583390 | 167607.78 | 3909473.33 | FENCEGRD | 1.02E-04 | 1.04E-04 | 1.07E-04 | 1.09E-04 | 6.34E-06 | 3.00E-05 | 2.17E-06 | 2.20E-06 | 2.23E-06 | 2.25E-06 |
| 167586.144712916390 | 167586.14 | 3909483.04 | FENCEGRD | 1.04E-04 | 1.06E-04 | 1.09E-04 | 1.12E-04 | 6.88E-06 | 3.11E-05 | 2.23E-06 | 2.25E-06 | 2.28E-06 | 2.31E-06 |
| 167564.514106248390 | 167564.51 | 3909492.76 | FENCEGRD | 1.07E-04 | 1.10E-04 | 1.15E-04 | 1.20E-04 | 7.92E-06 | 3.23E-05 | 2.27E-06 | 2.30E-06 | 2.34E-06 | 2.38E-06 |
| 167542.883499583909 | 167542.88 | 3909502.47 | FENCEGRD | 1.14E-04 | 1.19E-04 | 1.25E-04 | 1.31E-04 | 8.89E-06 | 3.41E-05 | 2.38E-06 | 2.43E-06 | 2.49E-06 | 2.55E-06 |
| 167521.252892913390 | 167521.25 | 3909512.19 | FENCEGRD | 1.27E-04 | 1.32E-04 | 1.40E-04 | 1.46E-04 | 9.82E-06 | 3.69E-05 | 2.63E-06 | 2.70E-06 | 2.77E-06 | 2.84E-06 |
| 167411.905846443909 | 167411.91 | 3909409.89 | FENCEGRD | 2.82E-04 | 2.86E-04 | 2.90E-04 | 2.94E-04 | 3.43E-05 | 7.58E-05 | 6.27E-06 | 6.35E-06 | 6.44E-06 | 6.53E-06 |
| 167397.286439805390 | 167397.29 | 3909391.22 | FENCEGRD | 3.04E-04 | 3.09E-04 | 3.15E-04 | 3.20E-04 | 3.43E-05 | 8.19E-05 | 7.05E-06 | 7.15E-06 | 7.27E-06 | 7.39E-06 |
| 167382.667033171390 | 167382.67 | 3909372.55 | FENCEGRD | 3.34E-04 | 3.40E-04 | 3.47E-04 | 3.52E-04 | 3.13E-05 | 8.93E-05 | 8.04E-06 | 8.16E-06 | 8.28E-06 | 8.40E-06 |
| 167368.047626537390 | 167368.05 | 3909353.88 | FENCEGRD | 3.69E-04 | 3.75E-04 | 3.80E-04 | 3.84E-04 | 2.65E-05 | 9.74E-05 | 8.93E-06 | 9.02E-06 | 9.10E-06 | 9.15E-06 |
| 167353.428219903390 | 167353.43 | 3909335.21 | FENCEGRD | 4.04E-04 | 4.08E-04 | 4.09E-04 | 4.08E-04 | 2.15E-05 | 1.06E-04 | 9.44E-06 | 9.44E-06 | 9.44E-06 | 9.41E-06 |
| 167338.808813268390 | 167338.81 | 3909316.54 | FENCEGRD | 4.28E-04 | 4.26E-04 | 4.21E-04 | 4.16E-04 | 1.69E-05 | 1.12E-04 | 9.37E-06 | 9.29E-06 | 9.21E-06 | 9.11E-06 |
| 167324.189406634390 | 167324.19 | 3909297.87 | FENCEGRD | 4.28E-04 | 4.22E-04 | 4.12E-04 | 4.03E-04 | 1.30E-05 | 1.15E-04 | 8.74E-06 | 8.60E-06 | 8.47E-06 | 8.33E-06 |
| 167780.820172925390 | 167780.82 | 3909395.60 | FENCEGRD | 1.34E-05 | 1.32E-05 | 1.30E-05 | 1.29E-05 | 3.57E-06 | 1.09E-05 | 7.73E-07 | 7.83E-07 | 7.90E-07 | 7.99E-07 |
| 167792.268672925390 | 167792.27 | 3909373.84 | FENCEGRD | 1.49E-05 | 1.46E-05 | 1.43E-05 | 1.41E-05 | 4.04E-06 | 1.15E-05 | 8.61E-07 | 8.75E-07 | 8.87E-07 | 9.00E-07 |
| 167803.717172925390 | 167803.72 | 3909352.07 | FENCEGRD | 1.60E-05 | 1.59E-05 | 1.57E-05 | 1.56E-05 | 4.77E-06 | 1.25E-05 | 9.75E-07 | 9.95E-07 | 1.01E-06 | 1.03E-06 |
| 167815.165672925390 | 167815.17 | 3909330.31 | FENCEGRD | 1.66E-05 | 1.67E-05 | 1.67E-05 | 1.68E-05 | 6.39E-06 | 1.51E-05 | 1.23E-06 | 1.26E-06 | 1.28E-06 | 1.31E-06 |
| 167826.614172925390 | 167826.61 | 3909308.55 | FENCEGRD | 2.05E-05 | 2.09E-05 | 2.14E-05 | 2.20E-05 | 9.07E-06 | 1.95E-05 | 1.65E-06 | 1.69E-06 | 1.72E-06 | 1.75E-06 |
| 167838.062672925390 | 167838.06 | 3909286.79 | FENCEGRD | 3.22E-05 | 3.34E-05 | 3. | | | | | | | |

Project Ground Level Concentrations-3rd Trimester

| | | | | 3rd Trimester GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167656.351475502390 | 167656.35 | 3909494.66 | FENCEGRD | 7.84E-05 | 8.23E-05 | 8.67E-05 | 9.02E-05 | 5.72E-06 | 2.49E-05 | 1.65E-06 | 1.69E-06 | 1.74E-06 | 1.79E-06 |
| 167635.261634001390 | 167635.26 | 3909504.14 | FENCEGRD | 8.64E-05 | 8.93E-05 | 9.22E-05 | 9.44E-05 | 5.50E-06 | 2.62E-05 | 1.84E-06 | 1.88E-06 | 1.92E-06 | 1.95E-06 |
| 167614.171792539095 | 167614.17 | 3909513.61 | FENCEGRD | 9.00E-05 | 9.18E-05 | 9.38E-05 | 9.55E-05 | 5.62E-06 | 2.72E-05 | 1.98E-06 | 2.01E-06 | 2.03E-06 | 2.06E-06 |
| 167593.081950999390 | 167593.08 | 3909523.08 | FENCEGRD | 9.12E-05 | 9.30E-05 | 9.52E-05 | 9.74E-05 | 6.20E-06 | 2.81E-05 | 2.04E-06 | 2.06E-06 | 2.07E-06 | 2.09E-06 |
| 167571.992109498390 | 167571.99 | 3909532.55 | FENCEGRD | 9.36E-05 | 9.60E-05 | 9.92E-05 | 1.02E-04 | 7.01E-06 | 2.90E-05 | 2.05E-06 | 2.07E-06 | 2.09E-06 | 2.12E-06 |
| 167550.902267997390 | 167550.90 | 3909542.03 | FENCEGRD | 9.87E-05 | 1.02E-04 | 1.07E-04 | 1.11E-04 | 7.74E-06 | 3.03E-05 | 2.10E-06 | 2.14E-06 | 2.17E-06 | 2.21E-06 |
| 167529.812426496390 | 167529.81 | 3909551.50 | FENCEGRD | 1.07E-04 | 1.12E-04 | 1.17E-04 | 1.22E-04 | 8.35E-06 | 3.24E-05 | 2.26E-06 | 2.31E-06 | 2.36E-06 | 2.41E-06 |
| 167508.722584995390 | 167508.72 | 3909560.97 | FENCEGRD | 1.20E-04 | 1.25E-04 | 1.31E-04 | 1.38E-04 | 9.38E-06 | 3.55E-05 | 2.53E-06 | 2.59E-06 | 2.65E-06 | 2.72E-06 |
| 167416.363136152390 | 167416.36 | 3909479.43 | FENCEGRD | 2.29E-04 | 2.33E-04 | 2.36E-04 | 2.38E-04 | 2.21E-05 | 6.22E-05 | 4.96E-06 | 5.01E-06 | 5.08E-06 | 5.13E-06 |
| 167402.109214684390 | 167402.11 | 3909461.23 | FENCEGRD | 2.44E-04 | 2.47E-04 | 2.50E-04 | 2.52E-04 | 2.59E-05 | 6.71E-05 | 5.34E-06 | 5.39E-06 | 5.45E-06 | 5.51E-06 |
| 167387.855293216390 | 167387.86 | 3909443.03 | FENCEGRD | 2.60E-04 | 2.63E-04 | 2.66E-04 | 2.69E-04 | 2.97E-05 | 7.15E-05 | 5.80E-06 | 5.86E-06 | 5.93E-06 | 6.00E-06 |
| 167373.601371747390 | 167373.60 | 3909424.82 | FENCEGRD | 2.80E-04 | 2.84E-04 | 2.88E-04 | 2.92E-04 | 3.19E-05 | 7.68E-05 | 6.42E-06 | 6.50E-06 | 6.60E-06 | 6.69E-06 |
| 167359.347450279390 | 167359.35 | 3909406.62 | FENCEGRD | 3.00E-04 | 3.06E-04 | 3.11E-04 | 3.16E-04 | 3.13E-05 | 8.19E-05 | 7.12E-06 | 7.22E-06 | 7.33E-06 | 7.43E-06 |
| 167345.093528813909 | 167345.09 | 3909388.42 | FENCEGRD | 3.25E-04 | 3.31E-04 | 3.36E-04 | 3.40E-04 | 2.87E-05 | 8.77E-05 | 7.85E-06 | 7.94E-06 | 8.03E-06 | 8.11E-06 |
| 167330.839607342390 | 167330.84 | 3909370.21 | FENCEGRD | 3.52E-04 | 3.56E-04 | 3.60E-04 | 3.62E-04 | 2.51E-05 | 9.39E-05 | 8.40E-06 | 8.45E-06 | 8.50E-06 | 8.52E-06 |
| 167316.585685874390 | 167316.59 | 3909352.01 | FENCEGRD | 3.73E-04 | 3.75E-04 | 3.75E-04 | 3.74E-04 | 2.10E-05 | 9.94E-05 | 8.59E-06 | 8.58E-06 | 8.57E-06 | 8.54E-06 |
| 167302.331764405390 | 167302.33 | 3909333.81 | FENCEGRD | 3.88E-04 | 3.86E-04 | 3.81E-04 | 3.77E-04 | 1.73E-05 | 1.04E-04 | 8.46E-06 | 8.39E-06 | 8.32E-06 | 8.24E-06 |
| 167288.077842937390 | 167288.08 | 3909315.61 | FENCEGRD | 3.88E-04 | 3.82E-04 | 3.74E-04 | 3.67E-04 | 1.40E-05 | 1.07E-04 | 7.99E-06 | 7.89E-06 | 7.79E-06 | 7.68E-06 |
| 167273.823921468390 | 167273.82 | 3909297.40 | FENCEGRD | 3.75E-04 | 3.67E-04 | 3.57E-04 | 3.48E-04 | 1.13E-05 | 1.08E-04 | 7.33E-06 | 7.20E-06 | 7.08E-06 | 6.96E-06 |
| 167825.070207513909 | 167825.07 | 3909418.88 | FENCEGRD | 1.46E-05 | 1.44E-05 | 1.42E-05 | 1.40E-05 | 1.45E-06 | 5.22E-06 | 3.64E-07 | 3.66E-07 | 3.67E-07 | 3.69E-07 |
| 167836.518707513909 | 167836.52 | 3909397.12 | FENCEGRD | 1.57E-05 | 1.56E-05 | 1.55E-05 | 1.54E-05 | 1.55E-06 | 5.32E-06 | 3.81E-07 | 3.84E-07 | 3.86E-07 | 3.89E-07 |
| 167847.967207513909 | 167847.97 | 3909375.35 | FENCEGRD | 1.59E-05 | 1.59E-05 | 1.60E-05 | 1.60E-05 | 1.74E-06 | 5.62E-06 | 4.12E-07 | 4.16E-07 | 4.20E-07 | 4.24E-07 |
| 167859.415707509390 | 167859.42 | 3909353.59 | FENCEGRD | 1.54E-05 | 1.54E-05 | 1.55E-05 | 1.56E-05 | 2.34E-06 | 6.73E-06 | 5.13E-07 | 5.20E-07 | 5.26E-07 | 5.33E-07 |
| 167870.864207509390 | 167870.86 | 3909331.83 | FENCEGRD | 1.50E-05 | 1.51E-05 | 1.51E-05 | 1.51E-05 | 3.96E-06 | 9.86E-06 | 7.98E-07 | 8.13E-07 | 8.25E-07 | 8.38E-07 |
| 167882.312707509390 | 167882.31 | 3909310.07 | FENCEGRD | 1.63E-05 | 1.64E-05 | 1.65E-05 | 1.67E-05 | 6.15E-06 | 1.40E-05 | 1.18E-06 | 1.20E-06 | 1.22E-06 | 1.25E-06 |
| 167893.761207509390 | 167893.76 | 3909288.31 | FENCEGRD | 1.97E-05 | 2.00E-05 | 2.03E-05 | 2.07E-05 | 7.67E-06 | 1.64E-05 | 1.40E-06 | 1.43E-06 | 1.46E-06 | 1.48E-06 |
| 167905.209707509390 | 167905.21 | 3909266.55 | FENCEGRD | 2.05E-05 | 2.08E-05 | 2.11E-05 | 2.15E-05 | 8.40E-06 | 1.67E-05 | 1.43E-06 | 1.46E-06 | 1.49E-06 | 1.51E-06 |
| 167916.658207509390 | 167916.66 | 3909244.78 | FENCEGRD | 2.08E-05 | 2.10E-05 | 2.14E-05 | 2.18E-05 | 9.20E-06 | 1.72E-05 | 1.49E-06 | 1.52E-06 | 1.55E-06 | 1.58E-06 |
| 167928.106707509390 | 167928.11 | 3909223.02 | FENCEGRD | 2.43E-05 | 2.48E-05 | 2.55E-05 | 2.63E-05 | 1.08E-05 | 1.97E-05 | 1.74E-06 | 1.78E-06 | 1.82E-06 | 1.86E-06 |
| 167939.555207509390 | 167939.56 | 3909201.26 | FENCEGRD | 3.21E-05 | 3.31E-05 | 3.45E-05 | 3.59E-05 | 1.28E-05 | 2.32E-05 | 2.10E-06 | 2.15E-06 | 2.19E-06 | 2.24E-06 |
| 167951.003707513909 | 167951.00 | 3909179.50 | FENCEGRD | 4.21E-05 | 4.39E-05 | 4.62E-05 | 4.87E-05 | 1.46E-05 | 2.67E-05 | 2.49E-06 | 2.55E-06 | 2.61E-06 | 2.67E-06 |
| 167962.452207513909 | 167962.45 | 3909157.74 | FENCEGRD | 5.48E-05 | 5.77E-05 | 6.16E-05 | 6.56E-05 | 1.60E-05 | 2.99E-05 | 2.89E-06 | 2.96E-06 | 3.04E-06 | 3.12E-06 |
| 167973.900707513909 | 167973.90 | 3909135.98 | FENCEGRD | 7.12E-05 | 7.56E-05 | 8.11E-05 | 8.66E-05 | 1.73E-05 | 3.30E-05 | 3.28E-06 | 3.37E-06 | 3.45E-06 | 3.54E-06 |
| 167985.349207513909 | 167985.35 | 3909114.22 | FENCEGRD | 8.87E-05 | 9.44E-05 | 1.02E-04 | 1.09E-04 | 1.83E-05 | 3.59E-05 | 3.64E-06 | 3.73E-06 | 3.83E-06 | 3.92E-06 |
| 167996.797707513909 | 167996.80 | 3909092.45 | FENCEGRD | 1.12E-04 | 1.20E-04 | 1.29E-04 | 1.38E-04 | 1.92E-05 | 3.89E-05 | 3.99E-06 | 4.09E-06 | 4.18E-06 | 4.28E-06 |
| 168008.246207513909 | 168008.25 | 3909070.69 | FENCEGRD | 1.39E-04 | 1.48E-04 | 1.58E-04 | 1.68E-04 | 1.99E-05 | 4.17E-05 | 4.32E-06 | 4.42E-06 | 4.52E-06 | 4.63E-06 |
| 168019.694707513909 | 168019.69 | 3909048.93 | FENCEGRD | 1.63E-04 | 1.72E-04 | 1.83E-04 | 1.94E-04 | 2.04E-05 | 4.46E-05 | 4.65E-06 | 4.76E-06 | 4.87E-06 | 4.99E-06 |
| 168031.143207513909 | 168031.14 | 3909027.17 | FENCEGRD | 1.83E-04 | 1.93E-04 | 2.05E-04 | 2.17E-04 | 2.07E-05 | 4.76E-05 | 4.98E-06 | 5.10E-06 | 5.22E-06 | 5.35E-06 |
| 168042.591707513909 | 168042.59 | 3909005.41 | FENCEGRD | 2.03E-04 | 2.15E-04 | 2.29E-04 | 2.42E-04 | 2.10E-05 | 5.08E-05 | 5.32E-06 | 5.44E-06 | 5.58E-06 | 5.71E-06 |
| 168054.040207513908 | 168054.04 | 3908983.65 | FENCEGRD | 2.25E-04 | 2.38E-04 | 2.53E-04 | 2.68E-04 | 2.12E-05 | 5.41E-05 | 5.65E-06 | 5.78E-06 | 5.92E-06 | 6.05E-06 |
| 167892.145675789390 | 167892.15 | 3909475.06 | FENCEGRD | 1.47E-05 | 1.47E-05 | 1.47E-05 | 1.46E-05 | 1.12E-06 | 4.11E-06 | 3.05E-07 | 3.06E-07 | 3.07E-07 | 3.08E-07 |
| 167870.721074939094 | 167870.72 | 3909484.68 | FENCEGRD | 1.38E-05 | 1.37E-05 | 1.36E-05 | 1.35E-05 | 1.12E-06 | 4.19E-06 | 3.04E-07 | 3.04E-07 | 3.05E-07 | 3.05E-07 |
| 167849.296474013909 | 167849.30 | 3909494.31 | FENCEGRD | 1.27E-05 | 1.26E-05 | 1.24E-05 | 1.23E-05 | 1.12E-06 | 4.33E-06 | 2.97E-07 | 2.97E-07 | 2.97E-07 | 2.97E-07 |
| 167827.871873123909 | 167827.87 | 3909503.93 | FENCEGRD | 1.17E-05 | 1.17E-05 | 1.16E-05 | 1.16E-05 | 1.16E-06 | 4.59E-06 | 2.91E-07 | 2.91E-07 | 2.91E-07 | 2.91E-07 |
| 167806.447272233909 | 167806.45 | 3909513.55 | FENCEGRD | 1.12E-05 | 1.12E-05 | 1.13E-05 | 1.13E-05 | 1.31E-06 | 5.30E-06 | 3.03E-07 | 3.04E-07 | 3.05E-07 | 3.06E-07 |
| 167785.022671343909 | 167785.02 | 3909523.18 | FENCEGRD | 1.12E-05 | 1.12E-05 | 1.14E-05 | 1.15E-05 | 1.83E-06 | 7.11E-06 | 3.86E-07 | 3.90E-07 | 3.93E-07 | 3.97E-07 |
| 167763.598070453909 | 167763.60 | 3909532.80 | FENCEGRD | 1.22E-05 | 1.25E-05 | 1.29E-05 | 1.33E-05 | 2.79E-06 | 1.02E-05 | 5.56E-07 | 5.65E-07 | 5.74E-07 | 5.84E-07 |
| 167742.173469563909 | 167742.17 | 3909542.42 | FENCEGRD | 1.73E-05 | 1.81E-05 | 1.92E-05 | 2.02E-05 | 3.81E-06 | 1.37E-05 | 7.67E-07 | 7.84E-07 | 8.01E-07 | 8.19E-07 |
| 167720.748868671390 | 167720.75 | 3909552.05 | FENCEGRD | 2.67E-05 | 2.81E-05 | 3.01E-05 | 3.20E-05 | 4.35E-06 | 1.65E-05 | 9.60E-07 | 9.83E-07 | 1.01E-06 | 1.03E-06 |
| 167699.324267781390 | 167699.32 | 3909561.67 | FENCEGRD | 3.66E-05 | 3.87E-05 | 4.15E-05 | 4.41E-05 | 4.42E-06 | 1.85E-05 | 1.13E-06 | 1.15E-06 | 1.19E-06 | 1.22E-06 |
| 167677.899666891390 | 167677.90 | 3909571.29 | FENCEGRD | 4.55E-05 | 4.81E-05 | 5.13E-05 | 5.42E-05 | 4.34E-06 | 1.99E-05 | 1.29E-06 | 1.32E-06 | 1.36E-06 | 1.40E-06 |
| 167656.475066001390 | 167656.48 | 3909580.92 | FENCEGRD | 5.43E-05 | 5.69E-05 | 5.98E-05 | 6.23E-05 | 4.37E-06 | 2.12E-05 | 1.46E-06 | 1.50E-06 | 1.54E-06 | 1.57E-06 |
| 167635.050465111390 | 167635.05 | 3909590.54 | FENCEGRD | 6.46E-05 | 6.66E-05 | 6.87E-05 | 7.04E-05 | 4.62E-06 | 2.24E-05 | 1.62E-06 | 1.65E-06 | 1.68E-06 | 1.70E-06 |
| 167613.625864221390 | 167613.63 | 3909600.17 | FENCEGRD | 7.06E-05 | 7.19E-05 | 7.32E-05 | 7.44E-05 | 5.04E-06 | 2.32E-05 | 1.71E-06 | 1.73E-06 | 1.74E-06 | 1.76E-06 |
| 167592.201263331390 | 167592.20 | 3909609.79 | FENCEGRD | 7.39E-05 | 7.51E-05 | 7.66E-05 | 7.81E-05 | 5.57E-06 | 2.39E-05 | 1.73E-06 | 1.74E-06 | 1.75E-06 | 1.76E-06 |
| 167570.776662442390 | 167570.78 | 3909619.41 | FENCEGRD | 7.79E-05 | 7.96E-05 | 8.18E-05 | 8.41E-05 | 6.13E-06 | 2.50E-05 | 1.75E-06 | 1.77E-06 | 1.78E-06 | 1.80E-06 |
| 167549.352061552390 | 167549.35 | 3909629.04 | FENCEGRD | 8.39E-05 | 8.64E-05 | 8.98E-05 | 9.29E-05 | 6.73E-06 | 2.65E-05 | 1.83E-06 | 1.86E-06 | 1.88E-06 | 1.91E-06 |
| 167527.927460662390 | 167527.93 | 3909638.66 | FENCEGRD | 9.23E-05 | 9.56E-05 | 9.98E-05 | 1.04E-04 | 7.42E-06 | 2.88E-05 | 2.00E-06 | 2.03E-06 | 2.07E-06 | 2.11E-06 |
| 167518.002116919390 | 167518.00 | 3909600.16 | FENCEGRD | 1.04E-04 | 1.08E-04 | 1.13E-04 | 1.18E-04 | 8.18E-06 | 3.16E-05 | 2.21E-06 | 2.26E-06 | 2.31E-06 | 2.36E-06 |
| 167385.289837416390 | 167385.29 | 3909619.12 | FENCEGRD | 1.45E-04 | 1.47E-04 | 1.49E-04 | 1.51E-04 | 1.25E-05 | 4.47E-05 | 3.29E-06 | 3.32E-06 | 3.35E-06 | 3.39E-06 |
| 167391.252787042390 | 167391.25 | 3909575.07 | FENCEGRD | 1.70E-04 | 1.73E-04 | 1.75E-04 | 1.77E-04 | 1.50E-05 | 5.05E-05 | 3.81E-06 | 3.85E-06 | 3.89E-06 | 3.93E-06 |
| 167376.772612852390 | 167376.77 | 3909556.58 | FENCEGRD | 1.85E-04 | 1.88E-04 | 1. | | | | | | | |

Project Ground Level Concentrations-3rd Trimester

| | | | | 3rd Trimester GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.158276679390 | 168005.16 | 3909291.34 | FENCEGRD | 1.66E-05 | 1.68E-05 | 1.69E-05 | 1.70E-05 | 3.46E-06 | 8.51E-06 | 6.71E-07 | 6.81E-07 | 6.89E-07 | 6.99E-07 |
| 168016.606776679390 | 168016.61 | 3909269.58 | FENCEGRD | 1.80E-05 | 1.82E-05 | 1.85E-05 | 1.87E-05 | 4.98E-06 | 1.16E-05 | 9.25E-07 | 9.41E-07 | 9.55E-07 | 9.71E-07 |
| 168028.055276679390 | 168028.06 | 3909247.82 | FENCEGRD | 2.21E-05 | 2.26E-05 | 2.32E-05 | 2.37E-05 | 6.48E-06 | 1.49E-05 | 1.19E-06 | 1.21E-06 | 1.23E-06 | 1.25E-06 |
| 168039.503776679390 | 168039.50 | 3909226.06 | FENCEGRD | 2.77E-05 | 2.84E-05 | 2.94E-05 | 3.04E-05 | 7.71E-06 | 1.75E-05 | 1.41E-06 | 1.44E-06 | 1.46E-06 | 1.49E-06 |
| 168050.952276679390 | 168050.95 | 3909204.30 | FENCEGRD | 3.39E-05 | 3.50E-05 | 3.65E-05 | 3.79E-05 | 8.79E-06 | 1.99E-05 | 1.64E-06 | 1.67E-06 | 1.70E-06 | 1.73E-06 |
| 168062.400776679390 | 168062.40 | 3909182.54 | FENCEGRD | 4.18E-05 | 4.35E-05 | 4.56E-05 | 4.78E-05 | 9.78E-06 | 2.22E-05 | 1.88E-06 | 1.92E-06 | 1.96E-06 | 1.99E-06 |
| 168073.849276679390 | 168073.85 | 3909160.77 | FENCEGRD | 5.18E-05 | 5.41E-05 | 5.71E-05 | 6.00E-05 | 1.06E-05 | 2.43E-05 | 2.13E-06 | 2.18E-06 | 2.22E-06 | 2.26E-06 |
| 168085.297776679390 | 168085.30 | 3909139.01 | FENCEGRD | 6.37E-05 | 6.68E-05 | 7.05E-05 | 7.42E-05 | 1.15E-05 | 2.63E-05 | 2.38E-06 | 2.43E-06 | 2.48E-06 | 2.52E-06 |
| 168096.746276679390 | 168096.75 | 3909117.25 | FENCEGRD | 7.66E-05 | 8.03E-05 | 8.49E-05 | 8.93E-05 | 1.22E-05 | 2.81E-05 | 2.61E-06 | 2.66E-06 | 2.71E-06 | 2.76E-06 |
| 168108.194776679390 | 168108.19 | 3909095.49 | FENCEGRD | 9.09E-05 | 9.54E-05 | 1.01E-04 | 1.06E-04 | 1.30E-05 | 2.99E-05 | 2.82E-06 | 2.88E-06 | 2.93E-06 | 2.98E-06 |
| 168119.643276679390 | 168119.64 | 3909073.73 | FENCEGRD | 1.05E-04 | 1.10E-04 | 1.16E-04 | 1.22E-04 | 1.38E-05 | 3.17E-05 | 3.03E-06 | 3.08E-06 | 3.14E-06 | 3.19E-06 |
| 168131.091776679390 | 168131.09 | 3909051.97 | FENCEGRD | 1.19E-04 | 1.24E-04 | 1.30E-04 | 1.36E-04 | 1.45E-05 | 3.37E-05 | 3.23E-06 | 3.28E-06 | 3.34E-06 | 3.40E-06 |
| 168142.540276679390 | 168142.54 | 3909030.21 | FENCEGRD | 1.30E-04 | 1.36E-04 | 1.43E-04 | 1.49E-04 | 1.51E-05 | 3.57E-05 | 3.43E-06 | 3.50E-06 | 3.56E-06 | 3.62E-06 |
| 167980.439739182390 | 167980.44 | 3909521.71 | FENCEGRD | 1.39E-05 | 1.40E-05 | 1.41E-05 | 1.42E-05 | 1.02E-06 | 3.76E-06 | 2.79E-07 | 2.81E-07 | 2.82E-07 | 2.84E-07 |
| 167958.809132514390 | 167958.81 | 3909531.43 | FENCEGRD | 1.40E-05 | 1.41E-05 | 1.41E-05 | 1.41E-05 | 1.00E-06 | 3.72E-06 | 2.79E-07 | 2.81E-07 | 2.82E-07 | 2.83E-07 |
| 167937.178525846390 | 167937.18 | 3909541.14 | FENCEGRD | 1.36E-05 | 1.36E-05 | 1.36E-05 | 1.35E-05 | 9.91E-07 | 3.72E-06 | 2.79E-07 | 2.80E-07 | 2.81E-07 | 2.81E-07 |
| 167915.547919179390 | 167915.55 | 3909550.86 | FENCEGRD | 1.28E-05 | 1.27E-05 | 1.26E-05 | 1.26E-05 | 9.87E-07 | 3.74E-06 | 2.75E-07 | 2.76E-07 | 2.76E-07 | 2.76E-07 |
| 167893.917312511390 | 167893.92 | 3909560.58 | FENCEGRD | 1.18E-05 | 1.18E-05 | 1.17E-05 | 1.16E-05 | 9.91E-07 | 3.82E-06 | 2.69E-07 | 2.69E-07 | 2.69E-07 | 2.69E-07 |
| 167872.286705843390 | 167872.29 | 3909570.29 | FENCEGRD | 1.10E-05 | 1.10E-05 | 1.09E-05 | 1.09E-05 | 1.03E-06 | 4.04E-06 | 2.65E-07 | 2.65E-07 | 2.65E-07 | 2.65E-07 |
| 167850.656099176390 | 167850.66 | 3909580.01 | FENCEGRD | 1.05E-05 | 1.05E-05 | 1.05E-05 | 1.05E-05 | 1.18E-06 | 4.72E-06 | 2.82E-07 | 2.84E-07 | 2.84E-07 | 2.85E-07 |
| 167829.025492508390 | 167829.03 | 3909589.72 | FENCEGRD | 1.04E-05 | 1.04E-05 | 1.05E-05 | 1.06E-05 | 1.60E-06 | 6.17E-06 | 3.50E-07 | 3.53E-07 | 3.55E-07 | 3.58E-07 |
| 167807.394885843909 | 167807.39 | 3909599.44 | FENCEGRD | 1.11E-05 | 1.13E-05 | 1.16E-05 | 1.19E-05 | 2.25E-06 | 8.38E-06 | 4.67E-07 | 4.73E-07 | 4.78E-07 | 4.84E-07 |
| 167785.764279173390 | 167785.76 | 3909609.16 | FENCEGRD | 1.48E-05 | 1.53E-05 | 1.60E-05 | 1.67E-05 | 2.97E-06 | 1.11E-05 | 6.15E-07 | 6.24E-07 | 6.34E-07 | 6.44E-07 |
| 167764.133672505390 | 167764.13 | 3909618.87 | FENCEGRD | 2.22E-05 | 2.32E-05 | 2.45E-05 | 2.58E-05 | 3.44E-06 | 1.35E-05 | 7.58E-07 | 7.71E-07 | 7.86E-07 | 8.01E-07 |
| 167742.503065837390 | 167742.50 | 3909628.59 | FENCEGRD | 3.10E-05 | 3.24E-05 | 3.43E-05 | 3.60E-05 | 3.51E-06 | 1.53E-05 | 8.74E-07 | 8.91E-07 | 9.09E-07 | 9.28E-07 |
| 167720.872459173909 | 167720.87 | 3909638.30 | FENCEGRD | 3.90E-05 | 4.08E-05 | 4.31E-05 | 4.51E-05 | 3.39E-06 | 1.66E-05 | 9.75E-07 | 9.95E-07 | 1.02E-06 | 1.04E-06 |
| 167699.241852502390 | 167699.24 | 3909648.02 | FENCEGRD | 4.61E-05 | 4.82E-05 | 5.07E-05 | 5.29E-05 | 3.33E-06 | 1.77E-05 | 1.08E-06 | 1.10E-06 | 1.13E-06 | 1.15E-06 |
| 167677.611245834390 | 167677.61 | 3909657.74 | FENCEGRD | 5.30E-05 | 5.51E-05 | 5.75E-05 | 5.95E-05 | 3.41E-06 | 1.86E-05 | 1.19E-06 | 1.22E-06 | 1.24E-06 | 1.27E-06 |
| 167655.980639167390 | 167655.98 | 3909667.45 | FENCEGRD | 5.90E-05 | 6.09E-05 | 6.29E-05 | 6.45E-05 | 3.65E-06 | 1.95E-05 | 1.31E-06 | 1.33E-06 | 1.36E-06 | 1.38E-06 |
| 167634.350032499390 | 167634.35 | 3909677.17 | FENCEGRD | 6.39E-05 | 6.54E-05 | 6.69E-05 | 6.82E-05 | 4.05E-06 | 2.04E-05 | 1.42E-06 | 1.44E-06 | 1.46E-06 | 1.48E-06 |
| 167612.719425831390 | 167612.72 | 3909686.88 | FENCEGRD | 6.69E-05 | 6.81E-05 | 6.94E-05 | 7.06E-05 | 4.60E-06 | 2.13E-05 | 1.51E-06 | 1.52E-06 | 1.54E-06 | 1.55E-06 |
| 167591.088819164390 | 167591.09 | 3909696.60 | FENCEGRD | 6.99E-05 | 7.12E-05 | 7.29E-05 | 7.45E-05 | 5.25E-06 | 2.24E-05 | 1.58E-06 | 1.59E-06 | 1.61E-06 | 1.62E-06 |
| 167569.458212496390 | 167569.46 | 3909706.32 | FENCEGRD | 7.46E-05 | 7.63E-05 | 7.86E-05 | 8.08E-05 | 5.99E-06 | 2.39E-05 | 1.68E-06 | 1.69E-06 | 1.71E-06 | 1.73E-06 |
| 167547.827605829390 | 167547.83 | 3909716.03 | FENCEGRD | 7.82E-05 | 8.03E-05 | 8.32E-05 | 8.61E-05 | 6.52E-06 | 2.51E-05 | 1.76E-06 | 1.78E-06 | 1.80E-06 | 1.83E-06 |
| 167482.935785826390 | 167482.94 | 3909745.18 | FENCEGRD | 8.49E-05 | 8.62E-05 | 8.75E-05 | 8.86E-05 | 6.27E-06 | 2.82E-05 | 1.88E-06 | 1.90E-06 | 1.92E-06 | 1.94E-06 |
| 167461.305179158390 | 167461.31 | 3909754.90 | FENCEGRD | 8.36E-05 | 8.49E-05 | 8.62E-05 | 8.72E-05 | 6.26E-06 | 2.80E-05 | 1.88E-06 | 1.90E-06 | 1.92E-06 | 1.94E-06 |
| 167425.055165856390 | 167425.06 | 3909745.94 | FENCEGRD | 8.96E-05 | 9.09E-05 | 9.22E-05 | 9.34E-05 | 7.06E-06 | 3.00E-05 | 2.06E-06 | 2.08E-06 | 2.10E-06 | 2.12E-06 |
| 167410.435759222390 | 167410.44 | 3909727.27 | FENCEGRD | 9.60E-05 | 9.75E-05 | 9.89E-05 | 1.00E-04 | 7.75E-06 | 3.19E-05 | 2.21E-06 | 2.23E-06 | 2.26E-06 | 2.28E-06 |
| 167395.816352588390 | 167395.82 | 3909708.60 | FENCEGRD | 1.03E-04 | 1.04E-04 | 1.06E-04 | 1.07E-04 | 8.50E-06 | 3.38E-05 | 2.38E-06 | 2.40E-06 | 2.42E-06 | 2.45E-06 |
| 167381.196945953390 | 167381.20 | 3909689.93 | FENCEGRD | 1.10E-04 | 1.12E-04 | 1.13E-04 | 1.15E-04 | 9.32E-06 | 3.57E-05 | 2.55E-06 | 2.57E-06 | 2.60E-06 | 2.62E-06 |
| 167366.577539319390 | 167366.58 | 3909671.26 | FENCEGRD | 1.20E-04 | 1.22E-04 | 1.24E-04 | 1.25E-04 | 1.04E-05 | 3.84E-05 | 2.78E-06 | 2.81E-06 | 2.84E-06 | 2.87E-06 |
| 167351.958132685390 | 167351.96 | 3909652.59 | FENCEGRD | 1.32E-04 | 1.34E-04 | 1.36E-04 | 1.38E-04 | 1.18E-05 | 4.20E-05 | 3.09E-06 | 3.12E-06 | 3.15E-06 | 3.18E-06 |
| 167337.338726051390 | 167337.34 | 3909633.92 | FENCEGRD | 1.47E-04 | 1.49E-04 | 1.50E-04 | 1.52E-04 | 1.34E-05 | 4.61E-05 | 3.44E-06 | 3.47E-06 | 3.51E-06 | 3.54E-06 |
| 167322.719319416390 | 167322.72 | 3909615.25 | FENCEGRD | 1.59E-04 | 1.61E-04 | 1.63E-04 | 1.64E-04 | 1.49E-05 | 4.98E-05 | 3.76E-06 | 3.79E-06 | 3.82E-06 | 3.85E-06 |
| 167308.099912782390 | 167308.10 | 3909596.58 | FENCEGRD | 1.71E-04 | 1.72E-04 | 1.74E-04 | 1.75E-04 | 1.65E-05 | 5.31E-05 | 4.05E-06 | 4.07E-06 | 4.10E-06 | 4.13E-06 |
| 167293.480506148390 | 167293.48 | 3909577.92 | FENCEGRD | 1.81E-04 | 1.82E-04 | 1.83E-04 | 1.85E-04 | 1.83E-05 | 5.60E-05 | 4.30E-06 | 4.33E-06 | 4.36E-06 | 4.39E-06 |
| 167278.861099514390 | 167278.86 | 3909559.25 | FENCEGRD | 1.91E-04 | 1.93E-04 | 1.95E-04 | 1.96E-04 | 2.03E-05 | 5.89E-05 | 4.60E-06 | 4.63E-06 | 4.67E-06 | 4.71E-06 |
| 167264.241692879390 | 167264.24 | 3909540.58 | FENCEGRD | 2.06E-04 | 2.08E-04 | 2.10E-04 | 2.12E-04 | 2.26E-05 | 6.28E-05 | 5.02E-06 | 5.06E-06 | 5.11E-06 | 5.16E-06 |
| 167249.622286245390 | 167249.62 | 3909521.91 | FENCEGRD | 2.22E-04 | 2.25E-04 | 2.28E-04 | 2.30E-04 | 2.42E-05 | 6.70E-05 | 5.50E-06 | 5.55E-06 | 5.61E-06 | 5.66E-06 |
| 167235.002879611390 | 167235.00 | 3909503.24 | FENCEGRD | 2.39E-04 | 2.42E-04 | 2.45E-04 | 2.47E-04 | 2.49E-05 | 7.12E-05 | 5.97E-06 | 6.03E-06 | 6.08E-06 | 6.14E-06 |
| 167220.383472977390 | 167220.38 | 3909484.57 | FENCEGRD | 2.57E-04 | 2.59E-04 | 2.62E-04 | 2.63E-04 | 2.46E-05 | 7.59E-05 | 6.42E-06 | 6.47E-06 | 6.51E-06 | 6.55E-06 |
| 167205.764066342390 | 167205.76 | 3909465.90 | FENCEGRD | 2.71E-04 | 2.73E-04 | 2.74E-04 | 2.75E-04 | 2.35E-05 | 8.00E-05 | 6.73E-06 | 6.75E-06 | 6.77E-06 | 6.79E-06 |
| 167191.144659708390 | 167191.14 | 3909447.23 | FENCEGRD | 2.83E-04 | 2.83E-04 | 2.82E-04 | 2.82E-04 | 2.18E-05 | 8.37E-05 | 6.87E-06 | 6.87E-06 | 6.87E-06 | 6.86E-06 |
| 167176.525253074390 | 167176.53 | 3909428.56 | FENCEGRD | 2.89E-04 | 2.88E-04 | 2.86E-04 | 2.83E-04 | 2.00E-05 | 8.69E-05 | 6.86E-06 | 6.84E-06 | 6.81E-06 | 6.78E-06 |
| 167161.905846443909 | 167161.91 | 3909409.89 | FENCEGRD | 2.91E-04 | 2.88E-04 | 2.84E-04 | 2.80E-04 | 1.80E-05 | 8.92E-05 | 6.71E-06 | 6.66E-06 | 6.62E-06 | 6.57E-06 |
| 167147.286439805390 | 167147.29 | 3909391.22 | FENCEGRD | 2.87E-04 | 2.83E-04 | 2.78E-04 | 2.73E-04 | 1.61E-05 | 9.06E-05 | 6.44E-06 | 6.38E-06 | 6.33E-06 | 6.26E-06 |
| 167132.667033171390 | 167132.67 | 3909372.55 | FENCEGRD | 2.78E-04 | 2.73E-04 | 2.67E-04 | 2.62E-04 | 1.41E-05 | 9.06E-05 | 6.08E-06 | 6.01E-06 | 5.94E-06 | 5.87E-06 |
| 167118.047626537390 | 167118.05 | 3909353.88 | FENCEGRD | 2.66E-04 | 2.60E-04 | 2.53E-04 | 2.48E-04 | 1.23E-05 | 8.95E-05 | 5.67E-06 | 5.59E-06 | 5.52E-06 | 5.45E-06 |
| 167103.428219903390 | 167103.43 | 3909335.21 | FENCEGRD | 2.51E-04 | 2.45E-04 | 2.38E-04 | 2.32E-04 | 1.07E-05 | 8.77E-05 | 5.24E-06 | 5.17E-06 | 5.10E-06 | 5.03E-06 |
| 167088.808813268390 | 167088.81 | 3909316.54 | FENCEGRD | 2.34E-04 | 2.28E-04 | 2.21E-04 | 2.16E-04 | 9.19E-06 | 8.50E-05 | 4.81E-06 | 4.74E-06 | 4.67E-06 | 4.61E-06 |
| 167074.189406634390 | 167074.19 | 3909297.87 | FENCEGRD | 2.17E-04 | 2.11E-04 | 2.04E-04 | 1.99E-04 | 7.87E-06 | 8.17E-05 | 4.40E-06 | 4.33E-06 | 4.27E-06 | 4.21E-06 |
| 168002.070345849390 | 168002.07 | 3909511.99 | FENCEGRD | 1.35E-05 | 1.36E-05 | 1. | | | | | | | |

Project Ground Level Concentrations-3rd Trimester

| | | | | 3rd Trimester GLC (µg/m ³) | | | | | | | | | |
|----------------------|-----------|------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168025.259938113390 | 168025.26 | 3909587.89 | FENCEGRD | 1.44E-05 | 1.46E-05 | 1.48E-05 | 1.50E-05 | 1.99E-06 | 6.78E-06 | 5.31E-07 | 5.37E-07 | 5.43E-07 | 5.49E-07 |
| 168003.489779144390 | 168003.49 | 3909597.67 | FENCEGRD | 1.42E-05 | 1.44E-05 | 1.45E-05 | 1.46E-05 | 1.98E-06 | 6.72E-06 | 5.34E-07 | 5.40E-07 | 5.45E-07 | 5.50E-07 |
| 167981.719620175390 | 167981.72 | 3909607.45 | FENCEGRD | 1.37E-05 | 1.38E-05 | 1.39E-05 | 1.39E-05 | 1.97E-06 | 6.71E-06 | 5.34E-07 | 5.40E-07 | 5.44E-07 | 5.49E-07 |
| 167959.949461207390 | 167959.95 | 3909617.23 | FENCEGRD | 1.26E-05 | 1.26E-05 | 1.26E-05 | 1.26E-05 | 1.86E-06 | 6.38E-06 | 4.99E-07 | 5.04E-07 | 5.07E-07 | 5.10E-07 |
| 167938.179302238390 | 167938.18 | 3909627.00 | FENCEGRD | 1.15E-05 | 1.15E-05 | 1.14E-05 | 1.15E-05 | 1.73E-06 | 6.03E-06 | 4.53E-07 | 4.56E-07 | 4.58E-07 | 4.61E-07 |
| 167916.409143269390 | 167916.41 | 3909636.78 | FENCEGRD | 1.09E-05 | 1.09E-05 | 1.09E-05 | 1.10E-05 | 1.80E-06 | 6.25E-06 | 4.46E-07 | 4.49E-07 | 4.51E-07 | 4.53E-07 |
| 167894.638984339090 | 167894.64 | 3909646.56 | FENCEGRD | 1.09E-05 | 1.09E-05 | 1.11E-05 | 1.12E-05 | 2.01E-06 | 6.89E-06 | 4.65E-07 | 4.69E-07 | 4.70E-07 | 4.73E-07 |
| 167872.868825332390 | 167872.87 | 3909656.34 | FENCEGRD | 1.19E-05 | 1.20E-05 | 1.23E-05 | 1.25E-05 | 2.35E-06 | 8.02E-06 | 5.12E-07 | 5.16E-07 | 5.19E-07 | 5.23E-07 |
| 167851.098666363390 | 167851.10 | 3909666.12 | FENCEGRD | 1.48E-05 | 1.52E-05 | 1.57E-05 | 1.62E-05 | 2.77E-06 | 9.59E-06 | 5.83E-07 | 5.89E-07 | 5.93E-07 | 5.98E-07 |
| 167829.328507394390 | 167829.33 | 3909675.90 | FENCEGRD | 2.00E-05 | 2.07E-05 | 2.15E-05 | 2.23E-05 | 3.05E-06 | 1.12E-05 | 6.53E-07 | 6.60E-07 | 6.66E-07 | 6.73E-07 |
| 167807.558348426390 | 167807.56 | 3909685.68 | FENCEGRD | 2.59E-05 | 2.68E-05 | 2.80E-05 | 2.91E-05 | 3.06E-06 | 1.25E-05 | 7.02E-07 | 7.10E-07 | 7.18E-07 | 7.27E-07 |
| 167785.788189457390 | 167785.79 | 3909695.46 | FENCEGRD | 3.12E-05 | 3.24E-05 | 3.38E-05 | 3.50E-05 | 2.93E-06 | 1.35E-05 | 7.43E-07 | 7.53E-07 | 7.65E-07 | 7.76E-07 |
| 167764.018030488390 | 167764.02 | 3909705.23 | FENCEGRD | 3.57E-05 | 3.70E-05 | 3.86E-05 | 4.00E-05 | 2.80E-06 | 1.44E-05 | 7.97E-07 | 8.09E-07 | 8.23E-07 | 8.36E-07 |
| 167742.247871519390 | 167742.25 | 3909715.01 | FENCEGRD | 4.04E-05 | 4.19E-05 | 4.37E-05 | 4.53E-05 | 2.75E-06 | 1.53E-05 | 8.68E-07 | 8.82E-07 | 8.98E-07 | 9.14E-07 |
| 167720.477712551390 | 167720.48 | 3909724.79 | FENCEGRD | 4.53E-05 | 4.69E-05 | 4.90E-05 | 5.07E-05 | 2.82E-06 | 1.63E-05 | 9.56E-07 | 9.73E-07 | 9.92E-07 | 1.01E-06 |
| 167698.707553582390 | 167698.71 | 3909734.57 | FENCEGRD | 5.04E-05 | 5.21E-05 | 5.43E-05 | 5.61E-05 | 3.02E-06 | 1.73E-05 | 1.06E-06 | 1.08E-06 | 1.10E-06 | 1.12E-06 |
| 167676.937394613390 | 167676.94 | 3909744.35 | FENCEGRD | 5.55E-05 | 5.72E-05 | 5.93E-05 | 6.10E-05 | 3.35E-06 | 1.83E-05 | 1.18E-06 | 1.20E-06 | 1.22E-06 | 1.24E-06 |
| 167655.167235645390 | 167655.17 | 3909754.13 | FENCEGRD | 5.97E-05 | 6.13E-05 | 6.32E-05 | 6.48E-05 | 3.79E-06 | 1.93E-05 | 1.30E-06 | 1.32E-06 | 1.34E-06 | 1.36E-06 |
| 167633.397076676390 | 167633.40 | 3909763.91 | FENCEGRD | 6.28E-05 | 6.42E-05 | 6.58E-05 | 6.73E-05 | 4.31E-06 | 2.02E-05 | 1.40E-06 | 1.42E-06 | 1.44E-06 | 1.45E-06 |
| 167611.626917707390 | 167611.63 | 3909773.69 | FENCEGRD | 6.57E-05 | 6.70E-05 | 6.87E-05 | 7.02E-05 | 4.94E-06 | 2.12E-05 | 1.50E-06 | 1.52E-06 | 1.53E-06 | 1.55E-06 |
| 167524.546281832390 | 167524.55 | 3909812.80 | FENCEGRD | 7.03E-05 | 7.13E-05 | 7.20E-05 | 7.26E-05 | 5.52E-06 | 2.37E-05 | 1.62E-06 | 1.62E-06 | 1.63E-06 | 1.64E-06 |
| 167502.776122863390 | 167502.78 | 3909822.58 | FENCEGRD | 7.00E-05 | 7.08E-05 | 7.16E-05 | 7.23E-05 | 5.43E-06 | 2.42E-05 | 1.60E-06 | 1.61E-06 | 1.62E-06 | 1.63E-06 |
| 167481.005963895390 | 167481.01 | 3909832.36 | FENCEGRD | 7.06E-05 | 7.15E-05 | 7.25E-05 | 7.33E-05 | 5.49E-06 | 2.47E-05 | 1.64E-06 | 1.65E-06 | 1.66E-06 | 1.67E-06 |
| 167459.235804926390 | 167459.24 | 3909842.14 | FENCEGRD | 7.14E-05 | 7.24E-05 | 7.34E-05 | 7.42E-05 | 5.61E-06 | 2.52E-05 | 1.68E-06 | 1.69E-06 | 1.71E-06 | 1.72E-06 |
| 167437.465645957390 | 167437.47 | 3909851.92 | FENCEGRD | 7.11E-05 | 7.20E-05 | 7.30E-05 | 7.38E-05 | 5.66E-06 | 2.52E-05 | 1.69E-06 | 1.70E-06 | 1.72E-06 | 1.73E-06 |
| 167400.981761602390 | 167400.98 | 3909842.90 | FENCEGRD | 7.25E-05 | 7.34E-05 | 7.44E-05 | 7.52E-05 | 5.99E-06 | 2.57E-05 | 1.75E-06 | 1.76E-06 | 1.78E-06 | 1.79E-06 |
| 167386.268036215390 | 167386.27 | 3909824.11 | FENCEGRD | 7.61E-05 | 7.71E-05 | 7.82E-05 | 7.90E-05 | 6.41E-06 | 2.67E-05 | 1.84E-06 | 1.85E-06 | 1.87E-06 | 1.89E-06 |
| 167371.554310828390 | 167371.55 | 3909805.32 | FENCEGRD | 8.15E-05 | 8.26E-05 | 8.37E-05 | 8.46E-05 | 6.98E-06 | 2.84E-05 | 1.97E-06 | 1.99E-06 | 2.01E-06 | 2.02E-06 |
| 167356.840585442390 | 167356.84 | 3909786.53 | FENCEGRD | 8.73E-05 | 8.85E-05 | 8.97E-05 | 9.07E-05 | 7.61E-06 | 3.01E-05 | 2.12E-06 | 2.13E-06 | 2.15E-06 | 2.17E-06 |
| 167342.126860055390 | 167342.13 | 3909767.74 | FENCEGRD | 9.31E-05 | 9.44E-05 | 9.57E-05 | 9.69E-05 | 8.26E-06 | 3.18E-05 | 2.26E-06 | 2.28E-06 | 2.30E-06 | 2.32E-06 |
| 167327.413134668390 | 167327.41 | 3909748.95 | FENCEGRD | 9.92E-05 | 1.01E-04 | 1.02E-04 | 1.03E-04 | 9.00E-06 | 3.36E-05 | 2.41E-06 | 2.43E-06 | 2.46E-06 | 2.48E-06 |
| 167312.699409281390 | 167312.70 | 3909730.16 | FENCEGRD | 1.06E-04 | 1.07E-04 | 1.09E-04 | 1.10E-04 | 9.80E-06 | 3.54E-05 | 2.58E-06 | 2.60E-06 | 2.63E-06 | 2.65E-06 |
| 167297.985683895390 | 167297.99 | 3909711.37 | FENCEGRD | 1.13E-04 | 1.15E-04 | 1.16E-04 | 1.17E-04 | 1.07E-05 | 3.77E-05 | 2.77E-06 | 2.80E-06 | 2.82E-06 | 2.85E-06 |
| 167283.271958508390 | 167283.27 | 3909692.58 | FENCEGRD | 1.21E-04 | 1.23E-04 | 1.24E-04 | 1.25E-04 | 1.16E-05 | 4.02E-05 | 2.98E-06 | 3.01E-06 | 3.03E-06 | 3.06E-06 |
| 167268.558233121390 | 167268.56 | 3909673.79 | FENCEGRD | 1.31E-04 | 1.32E-04 | 1.33E-04 | 1.34E-04 | 1.27E-05 | 4.31E-05 | 3.22E-06 | 3.24E-06 | 3.27E-06 | 3.29E-06 |
| 167253.844507735390 | 167253.84 | 3909655.00 | FENCEGRD | 1.40E-04 | 1.41E-04 | 1.42E-04 | 1.43E-04 | 1.39E-05 | 4.59E-05 | 3.45E-06 | 3.47E-06 | 3.50E-06 | 3.52E-06 |
| 167239.130782348390 | 167239.13 | 3909636.21 | FENCEGRD | 1.48E-04 | 1.50E-04 | 1.51E-04 | 1.52E-04 | 1.54E-05 | 4.85E-05 | 3.69E-06 | 3.71E-06 | 3.74E-06 | 3.76E-06 |
| 167224.417056961390 | 167224.42 | 3909617.42 | FENCEGRD | 1.58E-04 | 1.59E-04 | 1.61E-04 | 1.62E-04 | 1.70E-05 | 5.12E-05 | 3.95E-06 | 3.98E-06 | 4.01E-06 | 4.04E-06 |
| 167209.703331574390 | 167209.70 | 3909598.63 | FENCEGRD | 1.68E-04 | 1.70E-04 | 1.72E-04 | 1.74E-04 | 1.87E-05 | 5.41E-05 | 4.26E-06 | 4.30E-06 | 4.34E-06 | 4.38E-06 |
| 167194.989606188390 | 167194.99 | 3909579.84 | FENCEGRD | 1.80E-04 | 1.83E-04 | 1.85E-04 | 1.87E-04 | 2.02E-05 | 5.74E-05 | 4.62E-06 | 4.67E-06 | 4.71E-06 | 4.76E-06 |
| 167180.275880801390 | 167180.28 | 3909561.05 | FENCEGRD | 1.94E-04 | 1.96E-04 | 1.99E-04 | 2.01E-04 | 2.12E-05 | 6.11E-05 | 5.02E-06 | 5.06E-06 | 5.11E-06 | 5.15E-06 |
| 167165.562155414390 | 167165.56 | 3909542.26 | FENCEGRD | 2.08E-04 | 2.11E-04 | 2.13E-04 | 2.15E-04 | 2.16E-05 | 6.51E-05 | 5.41E-06 | 5.45E-06 | 5.49E-06 | 5.52E-06 |
| 167150.848430027390 | 167150.85 | 3909523.47 | FENCEGRD | 2.22E-04 | 2.24E-04 | 2.26E-04 | 2.27E-04 | 2.15E-05 | 6.92E-05 | 5.74E-06 | 5.77E-06 | 5.80E-06 | 5.82E-06 |
| 167136.134704641390 | 167136.13 | 3909504.68 | FENCEGRD | 2.34E-04 | 2.35E-04 | 2.35E-04 | 2.35E-04 | 2.08E-05 | 7.30E-05 | 5.97E-06 | 5.98E-06 | 5.99E-06 | 6.00E-06 |
| 167121.420979254390 | 167121.42 | 3909485.89 | FENCEGRD | 2.42E-04 | 2.42E-04 | 2.42E-04 | 2.41E-04 | 1.97E-05 | 7.64E-05 | 6.08E-06 | 6.07E-06 | 6.07E-06 | 6.06E-06 |
| 167106.707253867390 | 167106.71 | 3909467.10 | FENCEGRD | 2.48E-04 | 2.47E-04 | 2.45E-04 | 2.43E-04 | 1.85E-05 | 7.95E-05 | 6.10E-06 | 6.07E-06 | 6.05E-06 | 6.02E-06 |
| 167091.993528481390 | 167091.99 | 3909448.31 | FENCEGRD | 2.50E-04 | 2.48E-04 | 2.45E-04 | 2.42E-04 | 1.71E-05 | 8.18E-05 | 6.01E-06 | 5.97E-06 | 5.94E-06 | 5.90E-06 |
| 167077.279803094390 | 167077.28 | 3909429.52 | FENCEGRD | 2.47E-04 | 2.44E-04 | 2.40E-04 | 2.36E-04 | 1.56E-05 | 8.27E-05 | 5.80E-06 | 5.76E-06 | 5.71E-06 | 5.66E-06 |
| 167062.566077707390 | 167062.57 | 3909410.73 | FENCEGRD | 2.40E-04 | 2.36E-04 | 2.31E-04 | 2.27E-04 | 1.42E-05 | 8.26E-05 | 5.53E-06 | 5.47E-06 | 5.42E-06 | 5.37E-06 |
| 167047.852352323909 | 167047.85 | 3909391.94 | FENCEGRD | 2.30E-04 | 2.26E-04 | 2.21E-04 | 2.17E-04 | 1.27E-05 | 8.15E-05 | 5.21E-06 | 5.15E-06 | 5.10E-06 | 5.04E-06 |
| 167033.138626934390 | 167033.14 | 3909373.15 | FENCEGRD | 2.19E-04 | 2.14E-04 | 2.09E-04 | 2.05E-04 | 1.14E-05 | 7.98E-05 | 4.87E-06 | 4.82E-06 | 4.76E-06 | 4.71E-06 |
| 167018.424901547390 | 167018.42 | 3909354.36 | FENCEGRD | 2.07E-04 | 2.02E-04 | 1.97E-04 | 1.92E-04 | 1.01E-05 | 7.77E-05 | 4.54E-06 | 4.48E-06 | 4.43E-06 | 4.37E-06 |
| 167003.711176163909 | 167003.71 | 3909335.57 | FENCEGRD | 1.94E-04 | 1.89E-04 | 1.84E-04 | 1.80E-04 | 8.88E-06 | 7.52E-05 | 4.21E-06 | 4.16E-06 | 4.10E-06 | 4.05E-06 |
| 166988.997450773390 | 166989.00 | 3909316.78 | FENCEGRD | 1.80E-04 | 1.76E-04 | 1.71E-04 | 1.67E-04 | 7.77E-06 | 7.21E-05 | 3.88E-06 | 3.83E-06 | 3.78E-06 | 3.74E-06 |
| 166974.283725387390 | 166974.28 | 3909297.99 | FENCEGRD | 1.67E-04 | 1.63E-04 | 1.58E-04 | 1.54E-04 | 6.77E-06 | 6.88E-05 | 3.57E-06 | 3.53E-06 | 3.48E-06 | 3.44E-06 |
| 168090.570415019390 | 168090.57 | 3909558.55 | FENCEGRD | 1.42E-05 | 1.45E-05 | 1.48E-05 | 1.50E-05 | 2.10E-06 | 7.32E-06 | 5.44E-07 | 5.51E-07 | 5.56E-07 | 5.62E-07 |
| 168102.018915019390 | 168102.02 | 3909536.79 | FENCEGRD | 1.34E-05 | 1.36E-05 | 1.38E-05 | 1.40E-05 | 1.98E-06 | 6.98E-06 | 5.16E-07 | 5.21E-07 | 5.26E-07 | 5.32E-07 |
| 168113.467415019390 | 168113.47 | 3909515.03 | FENCEGRD | 1.29E-05 | 1.30E-05 | 1.32E-05 | 1.34E-05 | 1.91E-06 | 6.83E-06 | 5.04E-07 | 5.10E-07 | 5.15E-07 | 5.20E-07 |
| 168124.915915019390 | 168124.92 | 3909493.27 | FENCEGRD | 1.27E-05 | 1.28E-05 | 1.30E-05 | 1.32E-05 | 1.92E-06 | 6.93E-06 | 5.14E-07 | 5.20E-07 | 5.25E-07 | 5.30E-07 |
| 168136.364415019390 | 168136.36 | 3909471.51 | FENCEGRD | 1.30E-05 | 1.31E-05 | 1.33E-05 | 1.35E-05 | 1.97E-06 | 7.15E-06 | 5.31E-07 | 5.37E-07 | 5.42E-07 | 5.48E-07 |
| 168147.8112915019390 | 168147.81 | 3909449.75 | FENCEGRD | 1.40E-05 | 1.42E-05 | 1.44E-05 | 1.47E-05 | 2.12E-06 | 7.72E-06 | 5.69E-07 | 5.76E-07 | 5.81E-07 | 5.87E-07 |
| 168159.261415019390 | 168159.26 | 3909427.98 | FENCEGRD | 1.53E-05 | 1.55E-05 | 1 | | | | | | | |

Project Ground Level Concentrations-3rd Trimester

| | | | | 3rd Trimester GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167982.231963513390 | 167982.23 | 3909693.53 | FENCEGRD | 2.21E-05 | 2.24E-05 | 2.28E-05 | 2.32E-05 | 2.71E-06 | 9.26E-06 | 7.24E-07 | 7.27E-07 | 7.29E-07 | 7.31E-07 |
| 167960.361016772390 | 167960.36 | 3909703.35 | FENCEGRD | 2.15E-05 | 2.18E-05 | 2.22E-05 | 2.26E-05 | 2.76E-06 | 9.32E-06 | 7.00E-07 | 7.02E-07 | 7.04E-07 | 7.05E-07 |
| 167938.490070033909 | 167938.49 | 3909713.18 | FENCEGRD | 2.12E-05 | 2.16E-05 | 2.20E-05 | 2.25E-05 | 2.80E-06 | 9.43E-06 | 6.71E-07 | 6.73E-07 | 6.74E-07 | 6.76E-07 |
| 167916.619123288390 | 167916.62 | 3909723.00 | FENCEGRD | 2.20E-05 | 2.25E-05 | 2.30E-05 | 2.35E-05 | 2.83E-06 | 9.71E-06 | 6.48E-07 | 6.51E-07 | 6.53E-07 | 6.55E-07 |
| 167894.748176546390 | 167894.75 | 3909732.82 | FENCEGRD | 2.34E-05 | 2.38E-05 | 2.44E-05 | 2.50E-05 | 2.81E-06 | 1.01E-05 | 6.32E-07 | 6.35E-07 | 6.38E-07 | 6.41E-07 |
| 167872.877229805390 | 167872.88 | 3909742.65 | FENCEGRD | 2.46E-05 | 2.51E-05 | 2.58E-05 | 2.64E-05 | 2.75E-06 | 1.05E-05 | 6.25E-07 | 6.29E-07 | 6.33E-07 | 6.37E-07 |
| 167851.006283063390 | 167851.01 | 3909752.47 | FENCEGRD | 2.62E-05 | 2.69E-05 | 2.77E-05 | 2.85E-05 | 2.65E-06 | 1.11E-05 | 6.31E-07 | 6.36E-07 | 6.42E-07 | 6.47E-07 |
| 167829.135336321390 | 167829.14 | 3909762.30 | FENCEGRD | 2.84E-05 | 2.92E-05 | 3.02E-05 | 3.11E-05 | 2.54E-06 | 1.18E-05 | 6.51E-07 | 6.57E-07 | 6.65E-07 | 6.72E-07 |
| 167807.264389583909 | 167807.26 | 3909772.12 | FENCEGRD | 3.10E-05 | 3.20E-05 | 3.32E-05 | 3.42E-05 | 2.46E-06 | 1.25E-05 | 6.85E-07 | 6.94E-07 | 7.03E-07 | 7.13E-07 |
| 167785.393442838390 | 167785.39 | 3909781.94 | FENCEGRD | 3.40E-05 | 3.51E-05 | 3.65E-05 | 3.77E-05 | 2.44E-06 | 1.33E-05 | 7.35E-07 | 7.46E-07 | 7.57E-07 | 7.68E-07 |
| 167763.522496096390 | 167763.52 | 3909791.77 | FENCEGRD | 3.71E-05 | 3.84E-05 | 3.99E-05 | 4.13E-05 | 2.47E-06 | 1.42E-05 | 7.96E-07 | 8.09E-07 | 8.22E-07 | 8.36E-07 |
| 167741.651549354390 | 167741.65 | 3909801.59 | FENCEGRD | 4.04E-05 | 4.18E-05 | 4.35E-05 | 4.49E-05 | 2.58E-06 | 1.50E-05 | 8.68E-07 | 8.82E-07 | 8.98E-07 | 9.13E-07 |
| 167719.780602613390 | 167719.78 | 3909811.42 | FENCEGRD | 4.40E-05 | 4.55E-05 | 4.73E-05 | 4.88E-05 | 2.77E-06 | 1.58E-05 | 9.51E-07 | 9.67E-07 | 9.84E-07 | 1.00E-06 |
| 167697.909655871390 | 167697.91 | 3909821.24 | FENCEGRD | 4.78E-05 | 4.93E-05 | 5.11E-05 | 5.26E-05 | 3.04E-06 | 1.66E-05 | 1.04E-06 | 1.06E-06 | 1.08E-06 | 1.10E-06 |
| 167676.038709129390 | 167676.04 | 3909831.07 | FENCEGRD | 5.14E-05 | 5.28E-05 | 5.45E-05 | 5.59E-05 | 3.39E-06 | 1.74E-05 | 1.14E-06 | 1.16E-06 | 1.18E-06 | 1.20E-06 |
| 167654.167762388390 | 167654.17 | 3909840.89 | FENCEGRD | 5.52E-05 | 5.65E-05 | 5.81E-05 | 5.94E-05 | 3.89E-06 | 1.85E-05 | 1.26E-06 | 1.28E-06 | 1.29E-06 | 1.31E-06 |
| 167566.683975421390 | 167566.68 | 3909880.19 | FENCEGRD | 5.93E-05 | 6.06E-05 | 6.13E-05 | 6.16E-05 | 4.89E-06 | 2.04E-05 | 1.44E-06 | 1.45E-06 | 1.45E-06 | 1.46E-06 |
| 167544.813028679390 | 167544.81 | 3909890.01 | FENCEGRD | 5.89E-05 | 5.92E-05 | 5.95E-05 | 5.98E-05 | 4.76E-06 | 2.08E-05 | 1.39E-06 | 1.39E-06 | 1.40E-06 | 1.40E-06 |
| 167522.942081937390 | 167522.94 | 3909899.83 | FENCEGRD | 5.74E-05 | 5.78E-05 | 5.82E-05 | 5.86E-05 | 4.62E-06 | 2.04E-05 | 1.35E-06 | 1.35E-06 | 1.36E-06 | 1.36E-06 |
| 167501.071135196390 | 167501.07 | 3909909.66 | FENCEGRD | 5.63E-05 | 5.68E-05 | 5.73E-05 | 5.77E-05 | 4.51E-06 | 2.02E-05 | 1.33E-06 | 1.33E-06 | 1.34E-06 | 1.35E-06 |
| 167479.200188454390 | 167479.20 | 3909919.48 | FENCEGRD | 5.55E-05 | 5.61E-05 | 5.67E-05 | 5.72E-05 | 4.44E-06 | 2.01E-05 | 1.31E-06 | 1.32E-06 | 1.33E-06 | 1.34E-06 |
| 167457.329241712390 | 167457.33 | 3909929.31 | FENCEGRD | 5.52E-05 | 5.58E-05 | 5.64E-05 | 5.70E-05 | 4.43E-06 | 2.01E-05 | 1.32E-06 | 1.33E-06 | 1.34E-06 | 1.35E-06 |
| 167435.458294973909 | 167435.46 | 3909939.13 | FENCEGRD | 5.56E-05 | 5.63E-05 | 5.70E-05 | 5.76E-05 | 4.53E-06 | 2.04E-05 | 1.35E-06 | 1.36E-06 | 1.37E-06 | 1.38E-06 |
| 167413.587348229390 | 167413.59 | 3909948.95 | FENCEGRD | 5.65E-05 | 5.72E-05 | 5.79E-05 | 5.85E-05 | 4.69E-06 | 2.09E-05 | 1.39E-06 | 1.40E-06 | 1.41E-06 | 1.43E-06 |
| 167376.934557001390 | 167376.93 | 3909939.90 | FENCEGRD | 6.05E-05 | 6.12E-05 | 6.19E-05 | 6.25E-05 | 5.20E-06 | 2.25E-05 | 1.52E-06 | 1.53E-06 | 1.54E-06 | 1.55E-06 |
| 167362.152712515390 | 167362.15 | 3909921.02 | FENCEGRD | 6.38E-05 | 6.46E-05 | 6.53E-05 | 6.59E-05 | 5.56E-06 | 2.35E-05 | 1.60E-06 | 1.62E-06 | 1.63E-06 | 1.64E-06 |
| 167347.370868033909 | 167347.37 | 3909902.15 | FENCEGRD | 6.74E-05 | 6.82E-05 | 6.90E-05 | 6.96E-05 | 5.96E-06 | 2.47E-05 | 1.70E-06 | 1.71E-06 | 1.72E-06 | 1.74E-06 |
| 167332.589023544390 | 167332.59 | 3909883.27 | FENCEGRD | 7.14E-05 | 7.22E-05 | 7.30E-05 | 7.38E-05 | 6.39E-06 | 2.59E-05 | 1.80E-06 | 1.81E-06 | 1.83E-06 | 1.84E-06 |
| 167317.807179058390 | 167317.81 | 3909864.39 | FENCEGRD | 7.60E-05 | 7.69E-05 | 7.78E-05 | 7.86E-05 | 6.89E-06 | 2.74E-05 | 1.92E-06 | 1.93E-06 | 1.95E-06 | 1.96E-06 |
| 167303.025334572390 | 167303.03 | 3909845.51 | FENCEGRD | 8.07E-05 | 8.17E-05 | 8.27E-05 | 8.36E-05 | 7.43E-06 | 2.88E-05 | 2.04E-06 | 2.05E-06 | 2.07E-06 | 2.09E-06 |
| 167288.243490087390 | 167288.24 | 3909826.64 | FENCEGRD | 8.61E-05 | 8.72E-05 | 8.83E-05 | 8.93E-05 | 8.04E-06 | 3.05E-05 | 2.18E-06 | 2.19E-06 | 2.21E-06 | 2.23E-06 |
| 167273.461645601390 | 167273.46 | 3909807.76 | FENCEGRD | 9.14E-05 | 9.26E-05 | 9.37E-05 | 9.47E-05 | 8.67E-06 | 3.21E-05 | 2.32E-06 | 2.33E-06 | 2.36E-06 | 2.37E-06 |
| 167258.679801115390 | 167258.68 | 3909788.88 | FENCEGRD | 9.69E-05 | 9.80E-05 | 9.92E-05 | 1.00E-04 | 9.34E-06 | 3.39E-05 | 2.46E-06 | 2.48E-06 | 2.50E-06 | 2.52E-06 |
| 167243.897956629390 | 167243.90 | 3909770.01 | FENCEGRD | 1.02E-04 | 1.04E-04 | 1.05E-04 | 1.06E-04 | 1.00E-05 | 3.57E-05 | 2.62E-06 | 2.63E-06 | 2.66E-06 | 2.67E-06 |
| 167229.116112144390 | 167229.12 | 3909751.13 | FENCEGRD | 1.08E-04 | 1.09E-04 | 1.10E-04 | 1.11E-04 | 1.07E-05 | 3.75E-05 | 2.77E-06 | 2.79E-06 | 2.81E-06 | 2.83E-06 |
| 167214.334267658390 | 167214.33 | 3909732.25 | FENCEGRD | 1.14E-04 | 1.15E-04 | 1.16E-04 | 1.17E-04 | 1.15E-05 | 3.95E-05 | 2.93E-06 | 2.95E-06 | 2.97E-06 | 2.98E-06 |
| 167199.552423172390 | 167199.55 | 3909713.37 | FENCEGRD | 1.20E-04 | 1.21E-04 | 1.22E-04 | 1.23E-04 | 1.24E-05 | 4.16E-05 | 3.10E-06 | 3.12E-06 | 3.14E-06 | 3.16E-06 |
| 167184.770578686390 | 167184.77 | 3909694.50 | FENCEGRD | 1.27E-04 | 1.28E-04 | 1.29E-04 | 1.30E-04 | 1.35E-05 | 4.36E-05 | 3.29E-06 | 3.31E-06 | 3.33E-06 | 3.35E-06 |
| 167169.988734201390 | 167169.99 | 3909675.62 | FENCEGRD | 1.34E-04 | 1.35E-04 | 1.36E-04 | 1.38E-04 | 1.47E-05 | 4.56E-05 | 3.49E-06 | 3.51E-06 | 3.54E-06 | 3.57E-06 |
| 167155.206889715390 | 167155.21 | 3909656.74 | FENCEGRD | 1.41E-04 | 1.43E-04 | 1.44E-04 | 1.46E-04 | 1.60E-05 | 4.77E-05 | 3.72E-06 | 3.75E-06 | 3.78E-06 | 3.82E-06 |
| 167140.425045229390 | 167140.43 | 3909637.87 | FENCEGRD | 1.50E-04 | 1.52E-04 | 1.54E-04 | 1.56E-04 | 1.72E-05 | 5.01E-05 | 3.99E-06 | 4.03E-06 | 4.06E-06 | 4.10E-06 |
| 167125.643200743390 | 167125.64 | 3909618.99 | FENCEGRD | 1.60E-04 | 1.62E-04 | 1.64E-04 | 1.66E-04 | 1.82E-05 | 5.30E-05 | 4.29E-06 | 4.33E-06 | 4.37E-06 | 4.41E-06 |
| 167110.861356258390 | 167110.86 | 3909600.11 | FENCEGRD | 1.71E-04 | 1.73E-04 | 1.75E-04 | 1.77E-04 | 1.89E-05 | 5.62E-05 | 4.61E-06 | 4.64E-06 | 4.68E-06 | 4.71E-06 |
| 167096.079511772390 | 167096.08 | 3909581.23 | FENCEGRD | 1.82E-04 | 1.84E-04 | 1.85E-04 | 1.87E-04 | 1.91E-05 | 5.96E-05 | 4.89E-06 | 4.92E-06 | 4.95E-06 | 4.98E-06 |
| 167081.297667286390 | 167081.30 | 3909562.36 | FENCEGRD | 1.92E-04 | 1.94E-04 | 1.95E-04 | 1.96E-04 | 1.90E-05 | 6.31E-05 | 5.14E-06 | 5.16E-06 | 5.18E-06 | 5.19E-06 |
| 167066.515822839099 | 167066.52 | 3909543.48 | FENCEGRD | 2.01E-04 | 2.02E-04 | 2.02E-04 | 2.02E-04 | 1.85E-05 | 6.63E-05 | 5.30E-06 | 5.31E-06 | 5.31E-06 | 5.31E-06 |
| 167051.733978315390 | 167051.73 | 3909524.60 | FENCEGRD | 2.06E-04 | 2.06E-04 | 2.05E-04 | 2.05E-04 | 1.77E-05 | 6.88E-05 | 5.36E-06 | 5.36E-06 | 5.35E-06 | 5.34E-06 |
| 167036.952133829390 | 167036.95 | 3909505.73 | FENCEGRD | 2.09E-04 | 2.08E-04 | 2.07E-04 | 2.05E-04 | 1.68E-05 | 7.10E-05 | 5.35E-06 | 5.34E-06 | 5.32E-06 | 5.30E-06 |
| 167022.170289343390 | 167022.17 | 3909486.85 | FENCEGRD | 2.10E-04 | 2.08E-04 | 2.06E-04 | 2.04E-04 | 1.57E-05 | 7.26E-05 | 5.27E-06 | 5.25E-06 | 5.22E-06 | 5.19E-06 |
| 167007.388444857390 | 167007.39 | 3909467.97 | FENCEGRD | 2.08E-04 | 2.06E-04 | 2.03E-04 | 2.00E-04 | 1.47E-05 | 7.35E-05 | 5.14E-06 | 5.10E-06 | 5.07E-06 | 5.03E-06 |
| 166992.606600372390 | 166992.61 | 3909449.09 | FENCEGRD | 2.04E-04 | 2.01E-04 | 1.98E-04 | 1.95E-04 | 1.36E-05 | 7.37E-05 | 4.95E-06 | 4.91E-06 | 4.87E-06 | 4.83E-06 |
| 166977.824755886390 | 166977.82 | 3909430.22 | FENCEGRD | 1.98E-04 | 1.95E-04 | 1.91E-04 | 1.88E-04 | 1.25E-05 | 7.34E-05 | 4.74E-06 | 4.69E-06 | 4.65E-06 | 4.61E-06 |
| 166963.042911439094 | 166963.04 | 3909411.34 | FENCEGRD | 1.91E-04 | 1.87E-04 | 1.83E-04 | 1.80E-04 | 1.14E-05 | 7.23E-05 | 4.49E-06 | 4.45E-06 | 4.40E-06 | 4.36E-06 |
| 166948.261066914390 | 166948.26 | 3909392.46 | FENCEGRD | 1.82E-04 | 1.78E-04 | 1.74E-04 | 1.71E-04 | 1.04E-05 | 7.07E-05 | 4.23E-06 | 4.19E-06 | 4.14E-06 | 4.10E-06 |
| 166933.479222429390 | 166933.48 | 3909373.59 | FENCEGRD | 1.73E-04 | 1.69E-04 | 1.65E-04 | 1.61E-04 | 9.41E-06 | 6.89E-05 | 3.98E-06 | 3.93E-06 | 3.89E-06 | 3.84E-06 |
| 166918.697377943390 | 166918.70 | 3909354.71 | FENCEGRD | 1.63E-04 | 1.59E-04 | 1.55E-04 | 1.52E-04 | 8.45E-06 | 6.67E-05 | 3.72E-06 | 3.68E-06 | 3.64E-06 | 3.59E-06 |
| 166903.915533457390 | 166903.92 | 3909335.83 | FENCEGRD | 1.53E-04 | 1.49E-04 | 1.45E-04 | 1.42E-04 | 7.54E-06 | 6.42E-05 | 3.47E-06 | 3.43E-06 | 3.39E-06 | 3.35E-06 |
| 166889.133688972390 | 166889.13 | 3909316.95 | FENCEGRD | 1.43E-04 | 1.40E-04 | 1.36E-04 | 1.33E-04 | 6.69E-06 | 6.16E-05 | 3.24E-06 | 3.20E-06 | 3.16E-06 | 3.12E-06 |
| 166874.351844486390 | 166874.35 | 3909298.08 | FENCEGRD | 1.33E-04 | 1.30E-04 | 1.27E-04 | 1.24E-04 | 5.92E-06 | 5.88E-05 | 3.00E-06 | 2.96E-06 | 2.93E-06 | 2.90E-06 |
| 168179.070484189390 | 168179.07 | 3909605.11 | FENCEGRD | 1.56E-05 | 1.59E-05 | 1.63E-05 | 1.67E-05 | 2.12E-06 | 7.88E-06 | 5.63E-07 | 5.69E-07 | 5.73E-07 | 5.79E-07 |
| 168190.518984189390 | 168190.52 | 3909583.35 | FENCEGRD | 1.51E-05 | 1.54E-05 | 1.58E-05 | 1.62E-05 | 2.10E-06 | 7.92E-06 | 5.65E-07 | 5.71E-07 | 5.75E-07 | 5.80E-07 |
| 168201.967484189390 | 168201.97 | 3909561.59 | FENCEGRD | 1.46E-05 | 1.49E-05 | 1. | | | | | | | |

Project Ground Level Concentrations-3rd Trimester

| | | | | 3rd Trimester GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167691.681442745390 | 167691.68 | 3908875.12 | FENCEGRD | 3.55E-04 | 3.23E-04 | 2.89E-04 | 2.63E-04 | 1.17E-05 | 1.10E-04 | 4.53E-06 | 4.32E-06 | 4.11E-06 | 3.92E-06 |
| 167670.783442745390 | 167670.78 | 3908888.20 | FENCEGRD | 2.99E-04 | 2.70E-04 | 2.39E-04 | 2.17E-04 | 1.04E-05 | 9.45E-05 | 3.81E-06 | 3.62E-06 | 3.44E-06 | 3.27E-06 |
| 167762.006885491390 | 167762.01 | 3908801.59 | FENCEGRD | 3.84E-04 | 3.62E-04 | 3.37E-04 | 3.16E-04 | 1.33E-05 | 1.26E-04 | 5.52E-06 | 5.35E-06 | 5.18E-06 | 5.01E-06 |
| 167741.108885491390 | 167741.11 | 3908814.67 | FENCEGRD | 3.61E-04 | 3.38E-04 | 3.12E-04 | 2.90E-04 | 1.24E-05 | 1.04E-04 | 5.04E-06 | 4.87E-06 | 4.69E-06 | 4.53E-06 |
| 167720.210885491390 | 167720.21 | 3908827.76 | FENCEGRD | 3.34E-04 | 3.09E-04 | 2.83E-04 | 2.62E-04 | 1.15E-05 | 8.64E-05 | 4.55E-06 | 4.38E-06 | 4.21E-06 | 4.05E-06 |
| 167699.312885491390 | 167699.31 | 3908840.84 | FENCEGRD | 2.97E-04 | 2.73E-04 | 2.48E-04 | 2.28E-04 | 1.05E-05 | 7.17E-05 | 3.99E-06 | 3.82E-06 | 3.66E-06 | 3.51E-06 |
| 167678.414885491390 | 167678.41 | 3908853.93 | FENCEGRD | 2.61E-04 | 2.38E-04 | 2.15E-04 | 1.97E-04 | 9.58E-06 | 6.28E-05 | 3.46E-06 | 3.31E-06 | 3.15E-06 | 3.02E-06 |
| 167657.516885491390 | 167657.52 | 3908867.01 | FENCEGRD | 2.23E-04 | 2.03E-04 | 1.82E-04 | 1.67E-04 | 8.66E-06 | 5.75E-05 | 2.95E-06 | 2.81E-06 | 2.68E-06 | 2.56E-06 |
| 167794.142777813390 | 167794.14 | 3908784.69 | FENCEGRD | 3.99E-04 | 3.86E-04 | 3.68E-04 | 3.49E-04 | 1.45E-05 | 1.54E-04 | 6.13E-06 | 6.00E-06 | 5.85E-06 | 5.69E-06 |
| 167816.844002601390 | 167816.84 | 3908786.84 | FENCEGRD | 4.15E-04 | 4.05E-04 | 3.95E-04 | 3.85E-04 | 1.59E-05 | 1.90E-04 | 6.52E-06 | 6.44E-06 | 6.35E-06 | 6.27E-06 |
| 167748.740328236390 | 167748.74 | 3908780.40 | FENCEGRD | 3.07E-04 | 2.89E-04 | 2.68E-04 | 2.52E-04 | 1.13E-05 | 8.67E-05 | 4.52E-06 | 4.37E-06 | 4.23E-06 | 4.09E-06 |
| 167727.842328236390 | 167727.84 | 3908793.49 | FENCEGRD | 2.89E-04 | 2.69E-04 | 2.48E-04 | 2.31E-04 | 1.06E-05 | 7.21E-05 | 4.14E-06 | 3.99E-06 | 3.85E-06 | 3.71E-06 |
| 167706.944328236390 | 167706.94 | 3908806.57 | FENCEGRD | 2.62E-04 | 2.43E-04 | 2.22E-04 | 2.06E-04 | 9.81E-06 | 5.86E-05 | 3.69E-06 | 3.55E-06 | 3.41E-06 | 3.28E-06 |
| 167686.046328236390 | 167686.05 | 3908819.65 | FENCEGRD | 2.35E-04 | 2.16E-04 | 1.97E-04 | 1.82E-04 | 9.02E-06 | 4.90E-05 | 3.25E-06 | 3.12E-06 | 2.99E-06 | 2.87E-06 |
| 167665.148328236390 | 167665.15 | 3908832.74 | FENCEGRD | 2.05E-04 | 1.88E-04 | 1.71E-04 | 1.58E-04 | 8.20E-06 | 4.26E-05 | 2.81E-06 | 2.69E-06 | 2.57E-06 | 2.47E-06 |
| 167644.250328236390 | 167644.25 | 3908845.82 | FENCEGRD | 1.75E-04 | 1.61E-04 | 1.46E-04 | 1.35E-04 | 7.37E-06 | 3.89E-05 | 2.38E-06 | 2.28E-06 | 2.18E-06 | 2.09E-06 |
| 167783.903050533908 | 167783.90 | 3908763.79 | FENCEGRD | 3.46E-04 | 3.29E-04 | 3.10E-04 | 2.93E-04 | 1.28E-05 | 1.21E-04 | 5.32E-06 | 5.17E-06 | 5.02E-06 | 4.88E-06 |
| 167808.117690304390 | 167808.12 | 3908766.08 | FENCEGRD | 3.77E-04 | 3.67E-04 | 3.53E-04 | 3.37E-04 | 1.43E-05 | 1.50E-04 | 6.03E-06 | 5.91E-06 | 5.79E-06 | 5.65E-06 |
| 167868.842829443390 | 167868.84 | 3908842.58 | FENCEGRD | 4.76E-04 | 4.68E-04 | 4.58E-04 | 4.49E-04 | 1.73E-05 | 2.04E-04 | 7.99E-06 | 7.85E-06 | 7.70E-06 | 7.57E-06 |
| 167735.473770981390 | 167735.47 | 3908759.21 | FENCEGRD | 2.57E-04 | 2.41E-04 | 2.24E-04 | 2.09E-04 | 1.00E-05 | 6.66E-05 | 3.87E-06 | 3.74E-06 | 3.61E-06 | 3.50E-06 |
| 167714.575770981390 | 167714.58 | 3908772.30 | FENCEGRD | 2.37E-04 | 2.21E-04 | 2.04E-04 | 1.90E-04 | 9.33E-06 | 5.48E-05 | 3.50E-06 | 3.37E-06 | 3.25E-06 | 3.13E-06 |
| 167693.677770981390 | 167693.68 | 3908785.38 | FENCEGRD | 2.15E-04 | 1.99E-04 | 1.82E-04 | 1.70E-04 | 8.60E-06 | 4.49E-05 | 3.10E-06 | 2.99E-06 | 2.87E-06 | 2.76E-06 |
| 167672.779770981390 | 167672.78 | 3908798.46 | FENCEGRD | 1.90E-04 | 1.76E-04 | 1.61E-04 | 1.49E-04 | 7.85E-06 | 3.73E-05 | 2.71E-06 | 2.60E-06 | 2.50E-06 | 2.40E-06 |
| 167651.881770981390 | 167651.88 | 3908811.55 | FENCEGRD | 1.66E-04 | 1.53E-04 | 1.40E-04 | 1.31E-04 | 7.11E-06 | 3.20E-05 | 2.33E-06 | 2.24E-06 | 2.15E-06 | 2.07E-06 |
| 167630.983770981390 | 167630.98 | 3908824.63 | FENCEGRD | 1.43E-04 | 1.32E-04 | 1.22E-04 | 1.14E-04 | 6.36E-06 | 2.87E-05 | 1.98E-06 | 1.91E-06 | 1.83E-06 | 1.77E-06 |
| 167731.641881263908 | 167731.64 | 3908718.98 | FENCEGRD | 2.12E-04 | 2.00E-04 | 1.86E-04 | 1.74E-04 | 8.91E-06 | 5.51E-05 | 3.36E-06 | 3.25E-06 | 3.14E-06 | 3.04E-06 |
| 167754.343106049390 | 167754.34 | 3908721.12 | FENCEGRD | 2.46E-04 | 2.32E-04 | 2.17E-04 | 2.04E-04 | 1.00E-05 | 7.16E-05 | 3.92E-06 | 3.80E-06 | 3.68E-06 | 3.56E-06 |
| 167777.044330837390 | 167777.04 | 3908723.27 | FENCEGRD | 2.81E-04 | 2.66E-04 | 2.50E-04 | 2.37E-04 | 1.12E-05 | 9.16E-05 | 4.52E-06 | 4.39E-06 | 4.26E-06 | 4.14E-06 |
| 167799.745555625390 | 167799.75 | 3908725.42 | FENCEGRD | 3.09E-04 | 2.98E-04 | 2.83E-04 | 2.69E-04 | 1.24E-05 | 1.10E-04 | 5.10E-06 | 4.98E-06 | 4.85E-06 | 4.73E-06 |
| 167822.446780414390 | 167822.45 | 3908727.56 | FENCEGRD | 3.26E-04 | 3.18E-04 | 3.09E-04 | 2.98E-04 | 1.35E-05 | 1.29E-04 | 5.52E-06 | 5.45E-06 | 5.36E-06 | 5.26E-06 |
| 167845.148005202390 | 167845.15 | 3908729.71 | FENCEGRD | 3.41E-04 | 3.34E-04 | 3.27E-04 | 3.20E-04 | 1.45E-05 | 1.47E-04 | 5.83E-06 | 5.78E-06 | 5.71E-06 | 5.65E-06 |
| 167902.077823145390 | 167902.08 | 3908801.43 | FENCEGRD | 4.24E-04 | 4.16E-04 | 4.09E-04 | 4.02E-04 | 1.64E-05 | 1.97E-04 | 7.20E-06 | 7.09E-06 | 6.98E-06 | 6.88E-06 |
| 167905.920279267390 | 167905.92 | 3908823.90 | FENCEGRD | 4.29E-04 | 4.24E-04 | 4.19E-04 | 4.13E-04 | 1.72E-05 | 1.89E-04 | 7.89E-06 | 7.78E-06 | 7.67E-06 | 7.55E-06 |
| 167909.762735389390 | 167909.76 | 3908846.38 | FENCEGRD | 4.29E-04 | 4.29E-04 | 4.29E-04 | 4.27E-04 | 1.85E-05 | 1.73E-04 | 8.66E-06 | 8.57E-06 | 8.47E-06 | 8.37E-06 |
| 167913.605191511390 | 167913.61 | 3908868.86 | FENCEGRD | 4.14E-04 | 4.21E-04 | 4.27E-04 | 4.31E-04 | 1.99E-05 | 1.55E-04 | 9.36E-06 | 9.31E-06 | 9.25E-06 | 9.18E-06 |
| 167917.447647633390 | 167917.45 | 3908891.33 | FENCEGRD | 3.96E-04 | 4.08E-04 | 4.22E-04 | 4.32E-04 | 2.15E-05 | 1.39E-04 | 9.87E-06 | 9.88E-06 | 9.89E-06 | 9.88E-06 |
| 167708.940656472390 | 167708.94 | 3908716.83 | FENCEGRD | 1.82E-04 | 1.70E-04 | 1.58E-04 | 1.48E-04 | 7.89E-06 | 4.29E-05 | 2.86E-06 | 2.76E-06 | 2.67E-06 | 2.58E-06 |
| 167688.042656472390 | 167688.04 | 3908729.92 | FENCEGRD | 1.65E-04 | 1.54E-04 | 1.43E-04 | 1.34E-04 | 7.25E-06 | 3.56E-05 | 2.54E-06 | 2.45E-06 | 2.36E-06 | 2.28E-06 |
| 167667.144656472390 | 167667.14 | 3908743.00 | FENCEGRD | 1.48E-04 | 1.38E-04 | 1.28E-04 | 1.20E-04 | 6.62E-06 | 2.96E-05 | 2.23E-06 | 2.15E-06 | 2.07E-06 | 2.00E-06 |
| 167646.246656472390 | 167646.25 | 3908756.08 | FENCEGRD | 1.31E-04 | 1.23E-04 | 1.14E-04 | 1.07E-04 | 6.01E-06 | 2.48E-05 | 1.94E-06 | 1.87E-06 | 1.81E-06 | 1.75E-06 |
| 167625.348656472390 | 167625.35 | 3908769.17 | FENCEGRD | 1.16E-04 | 1.09E-04 | 1.02E-04 | 9.63E-05 | 5.41E-06 | 2.13E-05 | 1.69E-06 | 1.63E-06 | 1.58E-06 | 1.53E-06 |
| 167604.450656472390 | 167604.45 | 3908782.25 | FENCEGRD | 1.03E-04 | 9.69E-05 | 9.05E-05 | 8.57E-05 | 4.85E-06 | 1.89E-05 | 1.46E-06 | 1.42E-06 | 1.38E-06 | 1.34E-06 |
| 167706.622181736390 | 167706.62 | 3908676.74 | FENCEGRD | 1.56E-04 | 1.47E-04 | 1.37E-04 | 1.29E-04 | 7.17E-06 | 3.86E-05 | 2.56E-06 | 2.48E-06 | 2.40E-06 | 2.33E-06 |
| 167730.836821511390 | 167730.84 | 3908679.03 | FENCEGRD | 1.84E-04 | 1.73E-04 | 1.62E-04 | 1.52E-04 | 8.17E-06 | 4.96E-05 | 3.04E-06 | 2.94E-06 | 2.85E-06 | 2.76E-06 |
| 167755.051461285390 | 167755.05 | 3908681.32 | FENCEGRD | 2.14E-04 | 2.03E-04 | 1.90E-04 | 1.80E-04 | 9.31E-06 | 6.36E-05 | 3.59E-06 | 3.48E-06 | 3.38E-06 | 3.28E-06 |
| 167779.266101059390 | 167779.27 | 3908683.61 | FENCEGRD | 2.36E-04 | 2.28E-04 | 2.20E-04 | 2.10E-04 | 1.06E-05 | 7.55E-05 | 4.11E-06 | 4.04E-06 | 3.95E-06 | 3.86E-06 |
| 167803.480740834390 | 167803.48 | 3908685.90 | FENCEGRD | 2.51E-04 | 2.43E-04 | 2.35E-04 | 2.29E-04 | 1.17E-05 | 8.82E-05 | 4.37E-06 | 4.31E-06 | 4.23E-06 | 4.16E-06 |
| 167827.695380608390 | 167827.70 | 3908688.19 | FENCEGRD | 2.70E-04 | 2.63E-04 | 2.56E-04 | 2.50E-04 | 1.25E-05 | 1.04E-04 | 4.73E-06 | 4.67E-06 | 4.60E-06 | 4.54E-06 |
| 167851.910020382390 | 167851.91 | 3908690.47 | FENCEGRD | 2.85E-04 | 2.79E-04 | 2.72E-04 | 2.66E-04 | 1.31E-05 | 1.19E-04 | 5.02E-06 | 4.97E-06 | 4.90E-06 | 4.84E-06 |
| 167876.124660157390 | 167876.12 | 3908692.76 | FENCEGRD | 2.94E-04 | 2.88E-04 | 2.82E-04 | 2.77E-04 | 1.33E-05 | 1.31E-04 | 5.20E-06 | 5.15E-06 | 5.09E-06 | 5.03E-06 |
| 167900.339299931390 | 167900.34 | 3908695.05 | FENCEGRD | 3.09E-04 | 3.03E-04 | 2.98E-04 | 2.93E-04 | 1.41E-05 | 1.44E-04 | 5.54E-06 | 5.49E-06 | 5.43E-06 | 5.38E-06 |
| 167936.849799296390 | 167936.85 | 3908769.26 | FENCEGRD | 4.15E-04 | 4.09E-04 | 4.04E-04 | 3.99E-04 | 1.74E-05 | 1.74E-04 | 7.22E-06 | 7.15E-06 | 7.07E-06 | 7.00E-06 |
| 167940.948419159390 | 167940.95 | 3908793.24 | FENCEGRD | 4.35E-04 | 4.31E-04 | 4.27E-04 | 4.23E-04 | 1.78E-05 | 1.65E-04 | 7.56E-06 | 7.49E-06 | 7.41E-06 | 7.34E-06 |
| 167945.047030922390 | 167945.05 | 3908817.21 | FENCEGRD | 4.54E-04 | 4.53E-04 | 4.52E-04 | 4.49E-04 | 1.86E-05 | 1.53E-04 | 8.04E-06 | 7.97E-06 | 7.91E-06 | 7.84E-06 |
| 167949.145658886390 | 167949.15 | 3908841.19 | FENCEGRD | 4.64E-04 | 4.68E-04 | 4.71E-04 | 4.72E-04 | 1.97E-05 | 1.41E-04 | 8.52E-06 | 8.49E-06 | 8.45E-06 | 8.40E-06 |
| 167953.244278749390 | 167953.24 | 3908865.16 | FENCEGRD | 4.59E-04 | 4.69E-04 | 4.78E-04 | 4.84E-04 | 2.10E-05 | 1.29E-04 | 8.93E-06 | 8.94E-06 | 8.95E-06 | 8.93E-06 |
| 167957.342898613390 | 167957.34 | 3908889.14 | FENCEGRD | 4.40E-04 | 4.53E-04 | 4.69E-04 | 4.81E-04 | 2.23E-05 | 1.17E-04 | 9.16E-06 | 9.22E-06 | 9.28E-06 | 9.32E-06 |
| 167961.441518476390 | 167961.44 | 3908913.11 | FENCEGRD | 4.22E-04 | 4.39E-04 | 4.59E-04 | 4.74E-04 | 2.35E-05 | 1.04E-04 | 9.13E-06 | 9.23E-06 | 9.33E-06 | 9.42E-06 |
| 167682.407541962390 | 167682.41 | 3908674.45 | FENCEGRD | 1.33E-04 | 1.25E-04 | 1.17E-04 | 1.10E-04 | 6.27E-06 | 3.05E-05 | 2.15E-06 | 2.08E-06 | 2.02E-06 | 1.96E-06 |
| 167661.509541962390 | 167661.51 | 3908687.54 | FENCEGRD | 1.20E-04 | 1.13E-04 | 1.05E-04 | 9.97E-05 | 5.71E-06 | 2.55E-05 | 1.90E-06 | 1.84E-06 | 1.78E-06 | 1.73E-06 |
| 167640.611541962390 | 167640.61 | 3908700.62 | FENCEGRD | 1.07E-04 | 1.01E-04 | 9.52E-05 | 9.04E-05 | 5.17E-06 | 2.15E-05 | 1.66E-06 | 1.61E-06 | 1.56E-06 | 1.52E-06 |
| 167619.713541962390 | 167619.71 | 3908713.71 | FENCEGRD | 9.70E-05 | 9.19E-05 | 8. | | | | | | | |

Project Ground Level Concentrations-3rd Trimester

| | | | | 3rd Trimester GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.849192287390 | 168005.85 | 3908937.31 | FENCEGRD | 3.62E-04 | 3.80E-04 | 4.00E-04 | 4.17E-04 | 2.38E-05 | 7.71E-05 | 7.78E-06 | 7.91E-06 | 8.05E-06 | 8.17E-06 |
| 167655.874427453390 | 167655.87 | 3908632.07 | FENCEGRD | 9.87E-05 | 9.37E-05 | 8.84E-05 | 8.43E-05 | 4.96E-06 | 2.26E-05 | 1.64E-06 | 1.59E-06 | 1.54E-06 | 1.50E-06 |
| 167634.976427453390 | 167634.98 | 3908645.16 | FENCEGRD | 9.03E-05 | 8.59E-05 | 8.13E-05 | 7.77E-05 | 4.53E-06 | 1.93E-05 | 1.46E-06 | 1.42E-06 | 1.38E-06 | 1.35E-06 |
| 167614.078427453390 | 167614.08 | 3908658.24 | FENCEGRD | 8.30E-05 | 7.92E-05 | 7.51E-05 | 7.19E-05 | 4.13E-06 | 1.68E-05 | 1.31E-06 | 1.27E-06 | 1.24E-06 | 1.21E-06 |
| 167593.180427453390 | 167593.18 | 3908671.33 | FENCEGRD | 7.65E-05 | 7.30E-05 | 6.93E-05 | 6.63E-05 | 3.78E-06 | 1.47E-05 | 1.18E-06 | 1.15E-06 | 1.12E-06 | 1.10E-06 |
| 167572.282427453390 | 167572.28 | 3908684.41 | FENCEGRD | 6.98E-05 | 6.66E-05 | 6.31E-05 | 6.03E-05 | 3.46E-06 | 1.30E-05 | 1.06E-06 | 1.04E-06 | 1.01E-06 | 9.87E-07 |
| 167551.384427453390 | 167551.38 | 3908697.49 | FENCEGRD | 6.29E-05 | 5.99E-05 | 5.67E-05 | 5.42E-05 | 3.18E-06 | 1.16E-05 | 9.47E-07 | 9.24E-07 | 9.01E-07 | 8.79E-07 |
| 167653.555952718390 | 167653.56 | 3908591.98 | FENCEGRD | 8.84E-05 | 8.43E-05 | 7.99E-05 | 7.65E-05 | 4.58E-06 | 2.13E-05 | 1.51E-06 | 1.47E-06 | 1.43E-06 | 1.40E-06 |
| 167677.770592492390 | 167677.77 | 3908594.27 | FENCEGRD | 1.02E-04 | 9.68E-05 | 9.14E-05 | 8.71E-05 | 5.22E-06 | 2.60E-05 | 1.77E-06 | 1.72E-06 | 1.67E-06 | 1.63E-06 |
| 167701.985232266390 | 167701.99 | 3908596.56 | FENCEGRD | 1.19E-04 | 1.13E-04 | 1.06E-04 | 1.01E-04 | 6.00E-06 | 3.24E-05 | 2.11E-06 | 2.04E-06 | 1.98E-06 | 1.93E-06 |
| 167726.199872043908 | 167726.20 | 3908598.85 | FENCEGRD | 1.37E-04 | 1.31E-04 | 1.24E-04 | 1.18E-04 | 6.87E-06 | 3.89E-05 | 2.49E-06 | 2.42E-06 | 2.35E-06 | 2.29E-06 |
| 167750.414511815390 | 167750.41 | 3908601.14 | FENCEGRD | 1.49E-04 | 1.44E-04 | 1.39E-04 | 1.35E-04 | 7.84E-06 | 4.48E-05 | 2.78E-06 | 2.73E-06 | 2.68E-06 | 2.63E-06 |
| 167774.629151589390 | 167774.63 | 3908603.43 | FENCEGRD | 1.60E-04 | 1.54E-04 | 1.49E-04 | 1.44E-04 | 8.42E-06 | 5.14E-05 | 2.98E-06 | 2.93E-06 | 2.87E-06 | 2.82E-06 |
| 167798.843791363390 | 167798.84 | 3908605.72 | FENCEGRD | 1.72E-04 | 1.66E-04 | 1.60E-04 | 1.56E-04 | 8.82E-06 | 5.94E-05 | 3.21E-06 | 3.15E-06 | 3.09E-06 | 3.03E-06 |
| 167823.058431138390 | 167823.06 | 3908608.00 | FENCEGRD | 1.86E-04 | 1.81E-04 | 1.74E-04 | 1.69E-04 | 9.36E-06 | 6.89E-05 | 3.47E-06 | 3.42E-06 | 3.36E-06 | 3.30E-06 |
| 167847.273070912390 | 167847.27 | 3908610.29 | FENCEGRD | 2.00E-04 | 1.95E-04 | 1.89E-04 | 1.85E-04 | 1.00E-05 | 7.93E-05 | 3.76E-06 | 3.71E-06 | 3.65E-06 | 3.60E-06 |
| 167871.487710686390 | 167871.49 | 3908612.58 | FENCEGRD | 2.13E-04 | 2.08E-04 | 2.03E-04 | 1.98E-04 | 1.06E-05 | 8.90E-05 | 4.02E-06 | 3.97E-06 | 3.92E-06 | 3.87E-06 |
| 167895.702350461390 | 167895.70 | 3908614.87 | FENCEGRD | 2.23E-04 | 2.19E-04 | 2.15E-04 | 2.10E-04 | 1.11E-05 | 9.79E-05 | 4.25E-06 | 4.20E-06 | 4.15E-06 | 4.11E-06 |
| 167919.916990235390 | 167919.92 | 3908617.16 | FENCEGRD | 2.32E-04 | 2.28E-04 | 2.24E-04 | 2.20E-04 | 1.16E-05 | 1.06E-04 | 4.45E-06 | 4.41E-06 | 4.36E-06 | 4.32E-06 |
| 167944.131630009390 | 167944.13 | 3908619.45 | FENCEGRD | 2.38E-04 | 2.35E-04 | 2.31E-04 | 2.28E-04 | 1.19E-05 | 1.13E-04 | 4.62E-06 | 4.58E-06 | 4.54E-06 | 4.50E-06 |
| 167968.346269784390 | 167968.35 | 3908621.74 | FENCEGRD | 2.51E-04 | 2.47E-04 | 2.43E-04 | 2.41E-04 | 1.26E-05 | 1.22E-04 | 4.91E-06 | 4.87E-06 | 4.83E-06 | 4.79E-06 |
| 167996.659529421390 | 167996.66 | 3908648.00 | FENCEGRD | 2.94E-04 | 2.91E-04 | 2.87E-04 | 2.84E-04 | 1.49E-05 | 1.47E-04 | 5.93E-06 | 5.89E-06 | 5.85E-06 | 5.82E-06 |
| 168000.758149285390 | 168000.76 | 3908671.98 | FENCEGRD | 3.20E-04 | 3.16E-04 | 3.13E-04 | 3.09E-04 | 1.59E-05 | 1.56E-04 | 6.41E-06 | 6.37E-06 | 6.33E-06 | 6.30E-06 |
| 168004.856769148390 | 168004.86 | 3908695.95 | FENCEGRD | 3.44E-04 | 3.41E-04 | 3.38E-04 | 3.35E-04 | 1.69E-05 | 1.60E-04 | 6.83E-06 | 6.79E-06 | 6.75E-06 | 6.71E-06 |
| 168008.955389012390 | 168008.96 | 3908719.92 | FENCEGRD | 3.66E-04 | 3.63E-04 | 3.61E-04 | 3.58E-04 | 1.77E-05 | 1.58E-04 | 7.14E-06 | 7.10E-06 | 7.06E-06 | 7.02E-06 |
| 168013.054008875390 | 168013.05 | 3908743.90 | FENCEGRD | 3.84E-04 | 3.83E-04 | 3.82E-04 | 3.81E-04 | 1.83E-05 | 1.51E-04 | 7.42E-06 | 7.39E-06 | 7.35E-06 | 7.32E-06 |
| 168017.152628739390 | 168017.15 | 3908767.87 | FENCEGRD | 4.02E-04 | 4.04E-04 | 4.05E-04 | 4.05E-04 | 1.94E-05 | 1.42E-04 | 7.78E-06 | 7.77E-06 | 7.75E-06 | 7.73E-06 |
| 168021.251248602390 | 168021.25 | 3908791.85 | FENCEGRD | 4.14E-04 | 4.17E-04 | 4.21E-04 | 4.24E-04 | 2.03E-05 | 1.31E-04 | 8.04E-06 | 8.05E-06 | 8.05E-06 | 8.05E-06 |
| 168025.349868465390 | 168025.35 | 3908815.82 | FENCEGRD | 4.16E-04 | 4.23E-04 | 4.30E-04 | 4.35E-04 | 2.11E-05 | 1.19E-04 | 8.17E-06 | 8.20E-06 | 8.23E-06 | 8.26E-06 |
| 168029.448488329390 | 168029.45 | 3908839.80 | FENCEGRD | 4.11E-04 | 4.20E-04 | 4.31E-04 | 4.39E-04 | 2.19E-05 | 1.08E-04 | 8.18E-06 | 8.24E-06 | 8.30E-06 | 8.35E-06 |
| 168033.547108192390 | 168033.55 | 3908863.77 | FENCEGRD | 3.99E-04 | 4.10E-04 | 4.23E-04 | 4.34E-04 | 2.25E-05 | 9.70E-05 | 8.07E-06 | 8.15E-06 | 8.23E-06 | 8.31E-06 |
| 168037.645728056390 | 168037.65 | 3908887.75 | FENCEGRD | 3.78E-04 | 3.91E-04 | 4.06E-04 | 4.19E-04 | 2.29E-05 | 8.68E-05 | 7.83E-06 | 7.93E-06 | 8.03E-06 | 8.12E-06 |
| 168041.744347919390 | 168041.74 | 3908911.72 | FENCEGRD | 3.48E-04 | 3.63E-04 | 3.80E-04 | 3.94E-04 | 2.29E-05 | 7.74E-05 | 7.46E-06 | 7.57E-06 | 7.69E-06 | 7.80E-06 |
| 168045.842967783390 | 168045.84 | 3908935.70 | FENCEGRD | 3.09E-04 | 3.25E-04 | 3.43E-04 | 3.59E-04 | 2.26E-05 | 6.87E-05 | 6.95E-06 | 7.08E-06 | 7.21E-06 | 7.33E-06 |
| 168049.941587646390 | 168049.94 | 3908959.67 | FENCEGRD | 2.66E-04 | 2.81E-04 | 2.99E-04 | 3.15E-04 | 2.20E-05 | 6.10E-05 | 6.34E-06 | 6.47E-06 | 6.61E-06 | 6.74E-06 |
| 167629.341312943390 | 167629.34 | 3908589.69 | FENCEGRD | 7.81E-05 | 7.48E-05 | 7.12E-05 | 6.84E-05 | 4.05E-06 | 1.79E-05 | 1.31E-06 | 1.28E-06 | 1.25E-06 | 1.22E-06 |
| 167608.443312943390 | 167608.44 | 3908602.78 | FENCEGRD | 7.28E-05 | 6.98E-05 | 6.66E-05 | 6.40E-05 | 3.72E-06 | 1.57E-05 | 1.19E-06 | 1.16E-06 | 1.14E-06 | 1.11E-06 |
| 167587.545312943390 | 167587.55 | 3908615.86 | FENCEGRD | 6.77E-05 | 6.49E-05 | 6.19E-05 | 5.94E-05 | 3.43E-06 | 1.38E-05 | 1.08E-06 | 1.06E-06 | 1.04E-06 | 1.01E-06 |
| 167566.647312943390 | 167566.65 | 3908628.95 | FENCEGRD | 6.25E-05 | 5.98E-05 | 5.69E-05 | 5.46E-05 | 3.16E-06 | 1.23E-05 | 9.84E-07 | 9.63E-07 | 9.42E-07 | 9.22E-07 |
| 167545.749312943390 | 167545.75 | 3908642.03 | FENCEGRD | 5.70E-05 | 5.45E-05 | 5.18E-05 | 4.96E-05 | 2.93E-06 | 1.09E-05 | 8.89E-07 | 8.69E-07 | 8.49E-07 | 8.30E-07 |
| 167524.851312943390 | 167524.85 | 3908655.11 | FENCEGRD | 5.16E-05 | 4.93E-05 | 4.69E-05 | 4.50E-05 | 2.73E-06 | 9.87E-06 | 7.95E-07 | 7.76E-07 | 7.57E-07 | 7.40E-07 |
| 167600.489723699390 | 167600.49 | 3908507.23 | FENCEGRD | 6.14E-05 | 5.92E-05 | 5.69E-05 | 5.49E-05 | 3.27E-06 | 1.50E-05 | 1.07E-06 | 1.05E-06 | 1.03E-06 | 1.01E-06 |
| 167624.704363473390 | 167624.70 | 3908509.51 | FENCEGRD | 6.65E-05 | 6.40E-05 | 6.14E-05 | 5.93E-05 | 3.59E-06 | 1.70E-05 | 1.18E-06 | 1.15E-06 | 1.13E-06 | 1.11E-06 |
| 167648.919003247390 | 167648.92 | 3908511.80 | FENCEGRD | 7.30E-05 | 7.01E-05 | 6.70E-05 | 6.45E-05 | 3.99E-06 | 1.96E-05 | 1.32E-06 | 1.29E-06 | 1.26E-06 | 1.23E-06 |
| 167673.133643022390 | 167673.13 | 3908514.09 | FENCEGRD | 8.13E-05 | 7.79E-05 | 7.42E-05 | 7.13E-05 | 4.45E-06 | 2.28E-05 | 1.50E-06 | 1.46E-06 | 1.43E-06 | 1.40E-06 |
| 167697.348282796390 | 167697.35 | 3908516.38 | FENCEGRD | 9.11E-05 | 8.71E-05 | 8.28E-05 | 7.93E-05 | 4.97E-06 | 2.68E-05 | 1.71E-06 | 1.67E-06 | 1.62E-06 | 1.59E-06 |
| 167721.562922573908 | 167721.56 | 3908518.67 | FENCEGRD | 1.03E-04 | 9.84E-05 | 9.34E-05 | 8.94E-05 | 5.57E-06 | 3.18E-05 | 1.97E-06 | 1.92E-06 | 1.87E-06 | 1.82E-06 |
| 167745.777562345390 | 167745.78 | 3908520.96 | FENCEGRD | 1.14E-04 | 1.11E-04 | 1.06E-04 | 1.02E-04 | 6.30E-06 | 3.61E-05 | 2.26E-06 | 2.22E-06 | 2.17E-06 | 2.12E-06 |
| 167769.992202119390 | 167769.99 | 3908523.25 | FENCEGRD | 1.21E-04 | 1.17E-04 | 1.13E-04 | 1.10E-04 | 7.00E-06 | 3.99E-05 | 2.40E-06 | 2.36E-06 | 2.32E-06 | 2.28E-06 |
| 167794.206841893390 | 167794.21 | 3908525.54 | FENCEGRD | 1.29E-04 | 1.25E-04 | 1.20E-04 | 1.17E-04 | 7.26E-06 | 4.47E-05 | 2.56E-06 | 2.52E-06 | 2.47E-06 | 2.43E-06 |
| 167818.421481668390 | 167818.42 | 3908527.82 | FENCEGRD | 1.40E-04 | 1.36E-04 | 1.31E-04 | 1.28E-04 | 7.76E-06 | 5.12E-05 | 2.78E-06 | 2.74E-06 | 2.69E-06 | 2.65E-06 |
| 167842.636121442390 | 167842.64 | 3908530.11 | FENCEGRD | 1.52E-04 | 1.48E-04 | 1.44E-04 | 1.40E-04 | 8.34E-06 | 5.87E-05 | 3.04E-06 | 3.00E-06 | 2.95E-06 | 2.91E-06 |
| 167866.850761216390 | 167866.85 | 3908532.40 | FENCEGRD | 1.63E-04 | 1.59E-04 | 1.55E-04 | 1.51E-04 | 8.87E-06 | 6.62E-05 | 3.27E-06 | 3.23E-06 | 3.19E-06 | 3.15E-06 |
| 167891.065400991390 | 167891.07 | 3908534.69 | FENCEGRD | 1.73E-04 | 1.69E-04 | 1.65E-04 | 1.62E-04 | 9.37E-06 | 7.33E-05 | 3.49E-06 | 3.45E-06 | 3.41E-06 | 3.37E-06 |
| 167915.280040765390 | 167915.28 | 3908536.98 | FENCEGRD | 1.82E-04 | 1.78E-04 | 1.75E-04 | 1.72E-04 | 9.83E-06 | 7.99E-05 | 3.69E-06 | 3.66E-06 | 3.62E-06 | 3.58E-06 |
| 167939.494680539390 | 167939.49 | 3908539.27 | FENCEGRD | 1.89E-04 | 1.86E-04 | 1.83E-04 | 1.81E-04 | 1.03E-05 | 8.63E-05 | 3.89E-06 | 3.86E-06 | 3.82E-06 | 3.79E-06 |
| 167963.709320314390 | 167963.71 | 3908541.56 | FENCEGRD | 1.97E-04 | 1.94E-04 | 1.92E-04 | 1.89E-04 | 1.08E-05 | 9.26E-05 | 4.09E-06 | 4.06E-06 | 4.03E-06 | 4.00E-06 |
| 167987.923960088390 | 167987.92 | 3908543.84 | FENCEGRD | 2.06E-04 | 2.04E-04 | 2.01E-04 | 1.99E-04 | 1.14E-05 | 1.00E-04 | 4.34E-06 | 4.32E-06 | 4.29E-06 | 4.26E-06 |
| 168012.138599862390 | 168012.14 | 3908546.13 | FENCEGRD | 2.19E-04 | 2.16E-04 | 2.14E-04 | 2.10E-04 | 1.20E-05 | 1.12E-04 | 4.78E-06 | 4.76E-06 | 4.73E-06 | 4.68E-06 |
| 168036.353239637390 | 168036.35 | 3908548.42 | FENCEGRD | 2.25E-04 | 2.20E-04 | 2.16E-04 | 2.11E-04 | 1.20E-05 | 1.20E-04 | 4.90E-06 | 4.83E-06 | 4.77E-06 | 4.71E-06 |
| 168064.666499274390 | 168064.67 | 3908574.69 | FENCEGRD | 2.47E-04 | 2.44E-04 | 2.39E-04 | 2.35E-04 | 1.32E-05 | 1.32E-04 | 5.46E-06 | 5.41E-06 | 5.34E-06 | 5.27E-06 |
| 168068.765119138390 | 168068.77 | 3908598.66 | FENCEGRD | 2.64E-04 | 2.61E-04 | 2. | | | | | | | |

Project Ground Level Concentrations-3rd Trimester

| | | | | 3rd Trimester GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167471.785083924390 | 167471.79 | 3908570.36 | FENCEGRD | 3.90E-05 | 3.75E-05 | 3.59E-05 | 3.47E-05 | 2.17E-06 | 8.00E-06 | 6.10E-07 | 5.98E-07 | 5.85E-07 | 5.73E-07 |
| 167547.423494683908 | 167547.42 | 3908422.47 | FENCEGRD | 4.33E-05 | 4.27E-05 | 4.20E-05 | 4.15E-05 | 2.69E-06 | 1.09E-05 | 8.27E-07 | 8.20E-07 | 8.11E-07 | 8.03E-07 |
| 167571.638134454390 | 167571.64 | 3908424.76 | FENCEGRD | 4.73E-05 | 4.66E-05 | 4.60E-05 | 4.56E-05 | 2.93E-06 | 1.23E-05 | 9.05E-07 | 8.97E-07 | 8.88E-07 | 8.80E-07 |
| 167595.852774228390 | 167595.85 | 3908427.04 | FENCEGRD | 5.14E-05 | 5.07E-05 | 5.02E-05 | 4.99E-05 | 3.17E-06 | 1.39E-05 | 9.92E-07 | 9.84E-07 | 9.74E-07 | 9.66E-07 |
| 167620.067414003390 | 167620.07 | 3908429.33 | FENCEGRD | 5.57E-05 | 5.50E-05 | 5.44E-05 | 5.40E-05 | 3.42E-06 | 1.56E-05 | 1.09E-06 | 1.08E-06 | 1.07E-06 | 1.06E-06 |
| 167644.282053777390 | 167644.28 | 3908431.62 | FENCEGRD | 6.07E-05 | 5.98E-05 | 5.91E-05 | 5.77E-05 | 3.70E-06 | 1.77E-05 | 1.21E-06 | 1.20E-06 | 1.18E-06 | 1.16E-06 |
| 167668.496693551390 | 167668.50 | 3908433.91 | FENCEGRD | 6.68E-05 | 6.56E-05 | 6.38E-05 | 6.18E-05 | 4.03E-06 | 2.01E-05 | 1.34E-06 | 1.33E-06 | 1.30E-06 | 1.28E-06 |
| 167692.711333253908 | 167692.71 | 3908436.20 | FENCEGRD | 7.41E-05 | 7.19E-05 | 6.91E-05 | 6.67E-05 | 4.38E-06 | 2.30E-05 | 1.49E-06 | 1.47E-06 | 1.43E-06 | 1.40E-06 |
| 167716.925973139084 | 167716.93 | 3908438.49 | FENCEGRD | 8.15E-05 | 7.88E-05 | 7.54E-05 | 7.26E-05 | 4.77E-06 | 2.62E-05 | 1.66E-06 | 1.62E-06 | 1.59E-06 | 1.55E-06 |
| 167741.140612874390 | 167741.14 | 3908440.78 | FENCEGRD | 8.95E-05 | 8.65E-05 | 8.28E-05 | 7.97E-05 | 5.21E-06 | 2.98E-05 | 1.84E-06 | 1.81E-06 | 1.76E-06 | 1.72E-06 |
| 167765.355252648390 | 167765.36 | 3908443.07 | FENCEGRD | 9.62E-05 | 9.38E-05 | 9.13E-05 | 8.84E-05 | 5.76E-06 | 3.34E-05 | 2.03E-06 | 2.01E-06 | 1.97E-06 | 1.94E-06 |
| 167789.569892423390 | 167789.57 | 3908445.35 | FENCEGRD | 1.03E-04 | 9.98E-05 | 9.70E-05 | 9.48E-05 | 6.33E-06 | 3.67E-05 | 2.17E-06 | 2.14E-06 | 2.11E-06 | 2.08E-06 |
| 167813.784532197390 | 167813.78 | 3908447.64 | FENCEGRD | 1.11E-04 | 1.08E-04 | 1.05E-04 | 1.02E-04 | 6.71E-06 | 4.12E-05 | 2.34E-06 | 2.31E-06 | 2.27E-06 | 2.24E-06 |
| 167837.999171971390 | 167838.00 | 3908449.93 | FENCEGRD | 1.19E-04 | 1.16E-04 | 1.12E-04 | 1.10E-04 | 7.09E-06 | 4.60E-05 | 2.52E-06 | 2.48E-06 | 2.44E-06 | 2.41E-06 |
| 167862.213811746390 | 167862.21 | 3908452.22 | FENCEGRD | 1.28E-04 | 1.25E-04 | 1.22E-04 | 1.19E-04 | 7.61E-06 | 5.19E-05 | 2.73E-06 | 2.70E-06 | 2.66E-06 | 2.63E-06 |
| 167886.428451523908 | 167886.43 | 3908454.51 | FENCEGRD | 1.37E-04 | 1.35E-04 | 1.31E-04 | 1.29E-04 | 8.13E-06 | 5.81E-05 | 2.95E-06 | 2.92E-06 | 2.88E-06 | 2.85E-06 |
| 167910.643091294390 | 167910.64 | 3908456.80 | FENCEGRD | 1.46E-04 | 1.43E-04 | 1.40E-04 | 1.37E-04 | 8.61E-06 | 6.39E-05 | 3.15E-06 | 3.12E-06 | 3.09E-06 | 3.06E-06 |
| 167934.857731068390 | 167934.86 | 3908459.09 | FENCEGRD | 1.53E-04 | 1.51E-04 | 1.48E-04 | 1.46E-04 | 9.08E-06 | 6.96E-05 | 3.35E-06 | 3.32E-06 | 3.29E-06 | 3.26E-06 |
| 167959.072370843390 | 167959.07 | 3908461.38 | FENCEGRD | 1.62E-04 | 1.59E-04 | 1.57E-04 | 1.55E-04 | 9.64E-06 | 7.62E-05 | 3.59E-06 | 3.56E-06 | 3.53E-06 | 3.51E-06 |
| 167983.287010617390 | 167983.29 | 3908463.66 | FENCEGRD | 1.69E-04 | 1.67E-04 | 1.65E-04 | 1.62E-04 | 9.86E-06 | 8.30E-05 | 3.83E-06 | 3.81E-06 | 3.78E-06 | 3.74E-06 |
| 168007.501650391390 | 168007.50 | 3908465.95 | FENCEGRD | 1.75E-04 | 1.72E-04 | 1.68E-04 | 1.64E-04 | 9.92E-06 | 8.99E-05 | 3.93E-06 | 3.88E-06 | 3.83E-06 | 3.78E-06 |
| 168031.716290166390 | 168031.72 | 3908468.24 | FENCEGRD | 1.76E-04 | 1.73E-04 | 1.69E-04 | 1.65E-04 | 9.96E-06 | 9.14E-05 | 3.95E-06 | 3.90E-06 | 3.85E-06 | 3.81E-06 |
| 168055.930929943908 | 168055.93 | 3908470.53 | FENCEGRD | 1.79E-04 | 1.76E-04 | 1.72E-04 | 1.68E-04 | 1.02E-05 | 9.46E-05 | 4.05E-06 | 3.99E-06 | 3.95E-06 | 3.90E-06 |
| 168080.145569714390 | 168080.15 | 3908472.82 | FENCEGRD | 1.82E-04 | 1.79E-04 | 1.75E-04 | 1.72E-04 | 1.04E-05 | 9.80E-05 | 4.16E-06 | 4.11E-06 | 4.06E-06 | 4.02E-06 |
| 168104.360209489390 | 168104.36 | 3908475.11 | FENCEGRD | 1.86E-04 | 1.82E-04 | 1.79E-04 | 1.75E-04 | 1.07E-05 | 1.02E-04 | 4.28E-06 | 4.23E-06 | 4.18E-06 | 4.14E-06 |
| 168132.673469126390 | 168132.67 | 3908501.37 | FENCEGRD | 2.05E-04 | 2.02E-04 | 1.98E-04 | 1.95E-04 | 1.19E-05 | 1.15E-04 | 4.81E-06 | 4.76E-06 | 4.71E-06 | 4.66E-06 |
| 168136.772088993908 | 168136.77 | 3908525.35 | FENCEGRD | 2.20E-04 | 2.17E-04 | 2.13E-04 | 2.10E-04 | 1.26E-05 | 1.21E-04 | 5.17E-06 | 5.11E-06 | 5.06E-06 | 5.00E-06 |
| 168140.870708853390 | 168140.87 | 3908549.32 | FENCEGRD | 2.34E-04 | 2.32E-04 | 2.29E-04 | 2.25E-04 | 1.34E-05 | 1.26E-04 | 5.50E-06 | 5.46E-06 | 5.41E-06 | 5.36E-06 |
| 168144.969328717390 | 168144.97 | 3908573.30 | FENCEGRD | 2.48E-04 | 2.46E-04 | 2.42E-04 | 2.39E-04 | 1.41E-05 | 1.30E-04 | 5.79E-06 | 5.74E-06 | 5.69E-06 | 5.63E-06 |
| 168149.067948583908 | 168149.07 | 3908597.27 | FENCEGRD | 2.61E-04 | 2.59E-04 | 2.58E-04 | 2.56E-04 | 1.51E-05 | 1.31E-04 | 6.09E-06 | 6.08E-06 | 6.06E-06 | 6.03E-06 |
| 168153.166568444390 | 168153.17 | 3908621.24 | FENCEGRD | 2.71E-04 | 2.71E-04 | 2.70E-04 | 2.69E-04 | 1.60E-05 | 1.27E-04 | 6.18E-06 | 6.17E-06 | 6.16E-06 | 6.15E-06 |
| 168157.265188307390 | 168157.27 | 3908645.22 | FENCEGRD | 2.80E-04 | 2.81E-04 | 2.82E-04 | 2.82E-04 | 1.64E-05 | 1.24E-04 | 6.33E-06 | 6.33E-06 | 6.33E-06 | 6.33E-06 |
| 168161.363808171390 | 168161.36 | 3908669.19 | FENCEGRD | 2.89E-04 | 2.91E-04 | 2.92E-04 | 2.93E-04 | 1.72E-05 | 1.21E-04 | 6.53E-06 | 6.55E-06 | 6.56E-06 | 6.56E-06 |
| 168165.462428034390 | 168165.46 | 3908693.17 | FENCEGRD | 2.92E-04 | 2.95E-04 | 2.98E-04 | 3.01E-04 | 1.76E-05 | 1.14E-04 | 6.58E-06 | 6.60E-06 | 6.63E-06 | 6.64E-06 |
| 168169.561047897390 | 168169.56 | 3908717.14 | FENCEGRD | 2.91E-04 | 2.95E-04 | 3.00E-04 | 3.03E-04 | 1.79E-05 | 1.06E-04 | 6.55E-06 | 6.59E-06 | 6.62E-06 | 6.65E-06 |
| 168173.659667761390 | 168173.66 | 3908741.12 | FENCEGRD | 2.87E-04 | 2.92E-04 | 2.98E-04 | 3.03E-04 | 1.81E-05 | 9.76E-05 | 6.48E-06 | 6.52E-06 | 6.57E-06 | 6.61E-06 |
| 168177.758287624390 | 168177.76 | 3908765.09 | FENCEGRD | 2.84E-04 | 2.90E-04 | 2.97E-04 | 3.02E-04 | 1.85E-05 | 9.07E-05 | 6.44E-06 | 6.50E-06 | 6.55E-06 | 6.60E-06 |
| 168181.856907488390 | 168181.86 | 3908789.07 | FENCEGRD | 2.80E-04 | 2.86E-04 | 2.94E-04 | 3.01E-04 | 1.89E-05 | 8.45E-05 | 6.39E-06 | 6.46E-06 | 6.52E-06 | 6.59E-06 |
| 168185.955527351390 | 168185.96 | 3908813.04 | FENCEGRD | 2.69E-04 | 2.77E-04 | 2.85E-04 | 2.93E-04 | 1.90E-05 | 7.74E-05 | 6.21E-06 | 6.28E-06 | 6.36E-06 | 6.43E-06 |
| 168190.054147215390 | 168190.05 | 3908837.02 | FENCEGRD | 2.53E-04 | 2.61E-04 | 2.71E-04 | 2.80E-04 | 1.88E-05 | 7.02E-05 | 5.94E-06 | 6.02E-06 | 6.10E-06 | 6.18E-06 |
| 168194.152767078390 | 168194.15 | 3908860.99 | FENCEGRD | 2.34E-04 | 2.43E-04 | 2.54E-04 | 2.63E-04 | 1.85E-05 | 6.34E-05 | 5.62E-06 | 5.70E-06 | 5.79E-06 | 5.88E-06 |
| 168198.251386942390 | 168198.25 | 3908884.97 | FENCEGRD | 2.15E-04 | 2.24E-04 | 2.34E-04 | 2.43E-04 | 1.81E-05 | 5.73E-05 | 5.26E-06 | 5.36E-06 | 5.45E-06 | 5.54E-06 |
| 168202.350006805390 | 168202.35 | 3908908.94 | FENCEGRD | 1.89E-04 | 1.97E-04 | 2.07E-04 | 2.16E-04 | 1.73E-05 | 5.11E-05 | 4.78E-06 | 4.87E-06 | 4.96E-06 | 5.05E-06 |
| 168206.448626668390 | 168206.45 | 3908932.92 | FENCEGRD | 1.66E-04 | 1.73E-04 | 1.82E-04 | 1.90E-04 | 1.64E-05 | 4.56E-05 | 4.30E-06 | 4.38E-06 | 4.47E-06 | 4.55E-06 |
| 168210.547246532390 | 168210.55 | 3908956.89 | FENCEGRD | 1.47E-04 | 1.53E-04 | 1.61E-04 | 1.68E-04 | 1.55E-05 | 4.11E-05 | 3.86E-06 | 3.94E-06 | 4.01E-06 | 4.09E-06 |
| 168214.645866395390 | 168214.65 | 3908980.87 | FENCEGRD | 1.32E-04 | 1.38E-04 | 1.44E-04 | 1.50E-04 | 1.45E-05 | 3.72E-05 | 3.47E-06 | 3.54E-06 | 3.60E-06 | 3.67E-06 |
| 168218.744486259390 | 168218.74 | 3909004.84 | FENCEGRD | 1.19E-04 | 1.23E-04 | 1.29E-04 | 1.34E-04 | 1.34E-05 | 3.37E-05 | 3.12E-06 | 3.18E-06 | 3.23E-06 | 3.28E-06 |
| 168222.843106122390 | 168222.84 | 3909028.82 | FENCEGRD | 1.06E-04 | 1.10E-04 | 1.15E-04 | 1.19E-04 | 1.22E-05 | 3.07E-05 | 2.83E-06 | 2.87E-06 | 2.91E-06 | 2.96E-06 |
| 168226.941725986390 | 168226.94 | 3909052.79 | FENCEGRD | 9.31E-05 | 9.68E-05 | 1.01E-04 | 1.05E-04 | 1.11E-05 | 2.81E-05 | 2.57E-06 | 2.61E-06 | 2.65E-06 | 2.69E-06 |
| 167523.208854905390 | 167523.21 | 3908420.18 | FENCEGRD | 3.95E-05 | 3.88E-05 | 3.82E-05 | 3.77E-05 | 2.50E-06 | 9.75E-06 | 7.55E-07 | 7.48E-07 | 7.38E-07 | 7.30E-07 |
| 167502.310854905390 | 167502.31 | 3908433.26 | FENCEGRD | 3.85E-05 | 3.79E-05 | 3.73E-05 | 3.69E-05 | 2.47E-06 | 9.18E-06 | 7.24E-07 | 7.17E-07 | 7.07E-07 | 6.99E-07 |
| 167481.412854905390 | 167481.41 | 3908446.35 | FENCEGRD | 3.77E-05 | 3.72E-05 | 3.68E-05 | 3.63E-05 | 2.34E-06 | 8.72E-06 | 6.93E-07 | 6.86E-07 | 6.77E-07 | 6.69E-07 |
| 167460.514854905390 | 167460.51 | 3908459.43 | FENCEGRD | 3.73E-05 | 3.64E-05 | 3.51E-05 | 3.40E-05 | 2.18E-06 | 8.28E-06 | 6.44E-07 | 6.33E-07 | 6.21E-07 | 6.08E-07 |
| 167439.616854905390 | 167439.62 | 3908472.51 | FENCEGRD | 3.51E-05 | 3.40E-05 | 3.27E-05 | 3.16E-05 | 2.01E-06 | 7.82E-06 | 5.80E-07 | 5.69E-07 | 5.57E-07 | 5.47E-07 |
| 167418.718854905390 | 167418.72 | 3908485.60 | FENCEGRD | 3.27E-05 | 3.17E-05 | 3.05E-05 | 2.95E-05 | 1.84E-06 | 7.26E-06 | 5.22E-07 | 5.13E-07 | 5.03E-07 | 4.94E-07 |
| 167494.357265661390 | 167494.36 | 3908337.71 | FENCEGRD | 2.57E-05 | 2.52E-05 | 2.47E-05 | 2.43E-05 | 1.82E-06 | 7.41E-06 | 5.54E-07 | 5.47E-07 | 5.39E-07 | 5.32E-07 |
| 167518.571905435390 | 167518.57 | 3908340.00 | FENCEGRD | 2.86E-05 | 2.81E-05 | 2.75E-05 | 2.71E-05 | 1.94E-06 | 8.24E-06 | 6.07E-07 | 6.00E-07 | 5.92E-07 | 5.85E-07 |
| 167542.786545209390 | 167542.79 | 3908342.29 | FENCEGRD | 3.16E-05 | 3.11E-05 | 3.06E-05 | 3.01E-05 | 2.09E-06 | 9.16E-06 | 6.60E-07 | 6.54E-07 | 6.47E-07 | 6.40E-07 |
| 167567.001184984390 | 167567.00 | 3908344.57 | FENCEGRD | 3.44E-05 | 3.39E-05 | 3.34E-05 | 3.30E-05 | 2.25E-06 | 1.02E-05 | 7.14E-07 | 7.07E-07 | 7.00E-07 | 6.93E-07 |
| 167591.215824758390 | 167591.22 | 3908346.86 | FENCEGRD | 3.71E-05 | 3.65E-05 | 3.60E-05 | 3.56E-05 | 2.43E-06 | 1.13E-05 | 7.69E-07 | 7.62E-07 | 7.54E-07 | 7.47E-07 |
| 167615.430464532390 | 167615.43 | 3908349.15 | FENCEGRD | 3.97E-05 | 3.91E-05 | 3.86E-05 | 3.81E-05 | 2.63E-06 | 1.25E-05 | 8.31E-07 | 8.23E-07 | 8.13E-07 | 8.05E-07 |
| 167639.645104307390 | 167639.65 | 3908351.44 | FENCEGRD | 4.27E-05 | 4.19E-05 | 4. | | | | | | | |

Project Ground Level Concentrations-3rd Trimester

| | | | | 3rd Trimester GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168200.680438979390 | 168200.68 | 3908428.06 | FENCEGRD | 1.76E-04 | 1.73E-04 | 1.70E-04 | 1.68E-04 | 1.09E-05 | 1.02E-04 | 4.38E-06 | 4.33E-06 | 4.29E-06 | 4.25E-06 |
| 168204.779058843390 | 168204.78 | 3908452.03 | FENCEGRD | 1.87E-04 | 1.84E-04 | 1.81E-04 | 1.79E-04 | 1.16E-05 | 1.06E-04 | 4.65E-06 | 4.60E-06 | 4.56E-06 | 4.52E-06 |
| 168208.877678706390 | 168208.88 | 3908476.01 | FENCEGRD | 1.97E-04 | 1.95E-04 | 1.93E-04 | 1.90E-04 | 1.22E-05 | 1.10E-04 | 4.91E-06 | 4.88E-06 | 4.84E-06 | 4.79E-06 |
| 168212.976298573908 | 168212.98 | 3908499.98 | FENCEGRD | 2.08E-04 | 2.06E-04 | 2.04E-04 | 2.03E-04 | 1.29E-05 | 1.13E-04 | 5.15E-06 | 5.14E-06 | 5.12E-06 | 5.09E-06 |
| 168217.074918433390 | 168217.07 | 3908523.96 | FENCEGRD | 2.17E-04 | 2.16E-04 | 2.15E-04 | 2.14E-04 | 1.38E-05 | 1.13E-04 | 5.29E-06 | 5.28E-06 | 5.27E-06 | 5.26E-06 |
| 168221.173538297390 | 168221.17 | 3908547.93 | FENCEGRD | 2.26E-04 | 2.25E-04 | 2.25E-04 | 2.24E-04 | 1.41E-05 | 1.12E-04 | 5.40E-06 | 5.40E-06 | 5.39E-06 | 5.38E-06 |
| 168225.272158163908 | 168225.27 | 3908571.90 | FENCEGRD | 2.34E-04 | 2.34E-04 | 2.34E-04 | 2.34E-04 | 1.46E-05 | 1.12E-04 | 5.58E-06 | 5.57E-06 | 5.57E-06 | 5.56E-06 |
| 168229.370778023390 | 168229.37 | 3908595.88 | FENCEGRD | 2.42E-04 | 2.43E-04 | 2.44E-04 | 2.44E-04 | 1.53E-05 | 1.11E-04 | 5.78E-06 | 5.79E-06 | 5.79E-06 | 5.79E-06 |
| 168233.469397887390 | 168233.47 | 3908619.85 | FENCEGRD | 2.49E-04 | 2.50E-04 | 2.52E-04 | 2.53E-04 | 1.60E-05 | 1.10E-04 | 5.95E-06 | 5.97E-06 | 5.98E-06 | 5.99E-06 |
| 168237.568017753908 | 168237.57 | 3908643.83 | FENCEGRD | 2.53E-04 | 2.55E-04 | 2.58E-04 | 2.60E-04 | 1.66E-05 | 1.07E-04 | 6.07E-06 | 6.10E-06 | 6.12E-06 | 6.15E-06 |
| 168241.666637614390 | 168241.67 | 3908667.80 | FENCEGRD | 2.55E-04 | 2.58E-04 | 2.62E-04 | 2.64E-04 | 1.70E-05 | 1.02E-04 | 6.13E-06 | 6.17E-06 | 6.20E-06 | 6.23E-06 |
| 168245.765257477390 | 168245.77 | 3908691.78 | FENCEGRD | 2.55E-04 | 2.59E-04 | 2.63E-04 | 2.67E-04 | 1.74E-05 | 9.65E-05 | 6.14E-06 | 6.18E-06 | 6.22E-06 | 6.27E-06 |
| 168249.863877341390 | 168249.86 | 3908715.75 | FENCEGRD | 2.53E-04 | 2.57E-04 | 2.62E-04 | 2.66E-04 | 1.76E-05 | 9.01E-05 | 6.07E-06 | 6.12E-06 | 6.17E-06 | 6.22E-06 |
| 168253.962497204390 | 168253.96 | 3908739.73 | FENCEGRD | 2.45E-04 | 2.50E-04 | 2.56E-04 | 2.61E-04 | 1.75E-05 | 8.25E-05 | 5.88E-06 | 5.93E-06 | 5.99E-06 | 6.04E-06 |
| 168258.061117067390 | 168258.06 | 3908763.70 | FENCEGRD | 2.31E-04 | 2.37E-04 | 2.43E-04 | 2.49E-04 | 1.70E-05 | 7.41E-05 | 5.56E-06 | 5.62E-06 | 5.68E-06 | 5.73E-06 |
| 168262.159736931390 | 168262.16 | 3908787.68 | FENCEGRD | 2.18E-04 | 2.24E-04 | 2.31E-04 | 2.37E-04 | 1.66E-05 | 6.77E-05 | 5.32E-06 | 5.38E-06 | 5.44E-06 | 5.50E-06 |
| 168266.258356794390 | 168266.26 | 3908811.65 | FENCEGRD | 2.04E-04 | 2.10E-04 | 2.18E-04 | 2.25E-04 | 1.63E-05 | 6.17E-05 | 5.06E-06 | 5.13E-06 | 5.20E-06 | 5.26E-06 |
| 168270.356976658390 | 168270.36 | 3908835.63 | FENCEGRD | 1.86E-04 | 1.93E-04 | 2.01E-04 | 2.08E-04 | 1.58E-05 | 5.60E-05 | 4.76E-06 | 4.83E-06 | 4.90E-06 | 4.97E-06 |
| 168274.455596521390 | 168274.46 | 3908859.60 | FENCEGRD | 1.68E-04 | 1.75E-04 | 1.83E-04 | 1.90E-04 | 1.53E-05 | 5.06E-05 | 4.42E-06 | 4.49E-06 | 4.56E-06 | 4.63E-06 |
| 168278.554216385390 | 168278.55 | 3908883.58 | FENCEGRD | 1.53E-04 | 1.59E-04 | 1.67E-04 | 1.73E-04 | 1.48E-05 | 4.60E-05 | 4.09E-06 | 4.16E-06 | 4.23E-06 | 4.30E-06 |
| 168282.652836248390 | 168282.65 | 3908907.55 | FENCEGRD | 1.38E-04 | 1.44E-04 | 1.51E-04 | 1.57E-04 | 1.42E-05 | 4.18E-05 | 3.75E-06 | 3.81E-06 | 3.88E-06 | 3.95E-06 |
| 168286.751456111390 | 168286.75 | 3908931.53 | FENCEGRD | 1.23E-04 | 1.28E-04 | 1.34E-04 | 1.39E-04 | 1.34E-05 | 3.78E-05 | 3.39E-06 | 3.45E-06 | 3.51E-06 | 3.57E-06 |
| 168290.850075975390 | 168290.85 | 3908955.50 | FENCEGRD | 1.10E-04 | 1.14E-04 | 1.19E-04 | 1.24E-04 | 1.25E-05 | 3.43E-05 | 3.06E-06 | 3.11E-06 | 3.16E-06 | 3.21E-06 |
| 168294.948695838390 | 168294.95 | 3908979.48 | FENCEGRD | 1.00E-04 | 1.03E-04 | 1.07E-04 | 1.11E-04 | 1.16E-05 | 3.13E-05 | 2.77E-06 | 2.82E-06 | 2.86E-06 | 2.90E-06 |
| 168299.047315702390 | 168299.05 | 3909003.45 | FENCEGRD | 8.94E-05 | 9.25E-05 | 9.61E-05 | 9.95E-05 | 1.06E-05 | 2.85E-05 | 2.52E-06 | 2.56E-06 | 2.59E-06 | 2.63E-06 |
| 168303.145935565390 | 168303.15 | 3909027.42 | FENCEGRD | 7.99E-05 | 8.28E-05 | 8.63E-05 | 8.94E-05 | 9.64E-06 | 2.62E-05 | 2.32E-06 | 2.35E-06 | 2.38E-06 | 2.41E-06 |
| 168307.244555429390 | 168307.24 | 3909051.40 | FENCEGRD | 7.11E-05 | 7.38E-05 | 7.71E-05 | 8.00E-05 | 8.81E-06 | 2.41E-05 | 2.13E-06 | 2.17E-06 | 2.20E-06 | 2.23E-06 |
| 168311.343175292390 | 168311.34 | 3909075.37 | FENCEGRD | 6.33E-05 | 6.57E-05 | 6.86E-05 | 7.12E-05 | 8.08E-06 | 2.24E-05 | 1.96E-06 | 1.99E-06 | 2.02E-06 | 2.05E-06 |
| 168315.441795156390 | 168315.44 | 3909099.35 | FENCEGRD | 5.68E-05 | 5.88E-05 | 6.12E-05 | 6.35E-05 | 7.46E-06 | 2.08E-05 | 1.79E-06 | 1.81E-06 | 1.84E-06 | 1.87E-06 |
| 167470.142625886390 | 167470.14 | 3908335.42 | FENCEGRD | 2.33E-05 | 2.29E-05 | 2.24E-05 | 2.21E-05 | 1.71E-06 | 6.71E-06 | 5.04E-07 | 4.97E-07 | 4.90E-07 | 4.84E-07 |
| 167449.244625886390 | 167449.24 | 3908348.50 | FENCEGRD | 2.28E-05 | 2.24E-05 | 2.20E-05 | 2.17E-05 | 1.67E-06 | 6.29E-06 | 4.76E-07 | 4.70E-07 | 4.64E-07 | 4.58E-07 |
| 167428.346625886390 | 167428.35 | 3908361.59 | FENCEGRD | 2.22E-05 | 2.18E-05 | 2.15E-05 | 2.12E-05 | 1.61E-06 | 5.92E-06 | 4.48E-07 | 4.43E-07 | 4.37E-07 | 4.32E-07 |
| 167407.448625886390 | 167407.45 | 3908374.67 | FENCEGRD | 2.18E-05 | 2.15E-05 | 2.12E-05 | 2.10E-05 | 1.55E-06 | 5.64E-06 | 4.25E-07 | 4.20E-07 | 4.15E-07 | 4.11E-07 |
| 167386.550625886390 | 167386.55 | 3908387.76 | FENCEGRD | 2.14E-05 | 2.11E-05 | 2.08E-05 | 2.07E-05 | 1.48E-06 | 5.41E-06 | 4.04E-07 | 4.01E-07 | 3.96E-07 | 3.92E-07 |
| 167365.652625886390 | 167365.65 | 3908400.84 | FENCEGRD | 2.06E-05 | 2.03E-05 | 2.00E-05 | 1.99E-05 | 1.40E-06 | 5.19E-06 | 3.81E-07 | 3.77E-07 | 3.73E-07 | 3.69E-07 |
| 167441.291036642390 | 167441.29 | 3908252.95 | FENCEGRD | 1.69E-05 | 1.67E-05 | 1.64E-05 | 1.62E-05 | 1.39E-06 | 5.62E-06 | 4.09E-07 | 4.04E-07 | 3.98E-07 | 3.93E-07 |
| 167465.505676416390 | 167465.51 | 3908255.24 | FENCEGRD | 1.90E-05 | 1.87E-05 | 1.83E-05 | 1.81E-05 | 1.50E-06 | 6.21E-06 | 4.51E-07 | 4.46E-07 | 4.40E-07 | 4.34E-07 |
| 167489.720316193908 | 167489.72 | 3908257.53 | FENCEGRD | 2.14E-05 | 2.11E-05 | 2.07E-05 | 2.04E-05 | 1.60E-06 | 6.87E-06 | 4.97E-07 | 4.91E-07 | 4.84E-07 | 4.79E-07 |
| 167513.934955965390 | 167513.93 | 3908259.82 | FENCEGRD | 2.42E-05 | 2.39E-05 | 2.35E-05 | 2.31E-05 | 1.72E-06 | 7.63E-06 | 5.44E-07 | 5.39E-07 | 5.32E-07 | 5.27E-07 |
| 167538.149595739390 | 167538.15 | 3908262.11 | FENCEGRD | 2.73E-05 | 2.69E-05 | 2.65E-05 | 2.62E-05 | 1.87E-06 | 8.50E-06 | 5.95E-07 | 5.90E-07 | 5.84E-07 | 5.79E-07 |
| 167562.364235513390 | 167562.36 | 3908264.39 | FENCEGRD | 3.03E-05 | 3.00E-05 | 2.96E-05 | 2.93E-05 | 2.04E-06 | 9.49E-06 | 6.50E-07 | 6.45E-07 | 6.39E-07 | 6.33E-07 |
| 167586.578875288390 | 167586.58 | 3908266.68 | FENCEGRD | 3.31E-05 | 3.27E-05 | 3.23E-05 | 3.21E-05 | 2.22E-06 | 1.06E-05 | 7.06E-07 | 7.00E-07 | 6.94E-07 | 6.89E-07 |
| 167610.793515062390 | 167610.79 | 3908268.97 | FENCEGRD | 3.58E-05 | 3.54E-05 | 3.50E-05 | 3.46E-05 | 2.42E-06 | 1.17E-05 | 7.66E-07 | 7.60E-07 | 7.53E-07 | 7.47E-07 |
| 167635.008154836390 | 167635.01 | 3908271.26 | FENCEGRD | 3.85E-05 | 3.80E-05 | 3.75E-05 | 3.72E-05 | 2.64E-06 | 1.29E-05 | 8.33E-07 | 8.26E-07 | 8.17E-07 | 8.09E-07 |
| 167659.222794611390 | 167659.22 | 3908273.55 | FENCEGRD | 4.12E-05 | 4.05E-05 | 3.99E-05 | 3.95E-05 | 2.85E-06 | 1.41E-05 | 9.02E-07 | 8.92E-07 | 8.81E-07 | 8.72E-07 |
| 167683.437434385390 | 167683.44 | 3908275.84 | FENCEGRD | 4.45E-05 | 4.36E-05 | 4.29E-05 | 4.22E-05 | 3.09E-06 | 1.56E-05 | 9.85E-07 | 9.73E-07 | 9.60E-07 | 9.49E-07 |
| 167707.652074159390 | 167707.65 | 3908278.13 | FENCEGRD | 4.83E-05 | 4.74E-05 | 4.63E-05 | 4.56E-05 | 3.36E-06 | 1.72E-05 | 1.08E-06 | 1.07E-06 | 1.05E-06 | 1.04E-06 |
| 167731.866713934390 | 167731.87 | 3908280.41 | FENCEGRD | 5.28E-05 | 5.16E-05 | 5.04E-05 | 4.95E-05 | 3.65E-06 | 1.91E-05 | 1.19E-06 | 1.17E-06 | 1.16E-06 | 1.14E-06 |
| 167756.081353708390 | 167756.08 | 3908282.70 | FENCEGRD | 5.77E-05 | 5.64E-05 | 5.50E-05 | 5.39E-05 | 3.97E-06 | 2.14E-05 | 1.31E-06 | 1.29E-06 | 1.27E-06 | 1.26E-06 |
| 167780.295993482390 | 167780.30 | 3908284.99 | FENCEGRD | 6.34E-05 | 6.19E-05 | 6.04E-05 | 5.93E-05 | 4.34E-06 | 2.40E-05 | 1.45E-06 | 1.43E-06 | 1.41E-06 | 1.39E-06 |
| 167804.510633257390 | 167804.51 | 3908287.28 | FENCEGRD | 6.94E-05 | 6.78E-05 | 6.62E-05 | 6.49E-05 | 4.72E-06 | 2.70E-05 | 1.59E-06 | 1.58E-06 | 1.55E-06 | 1.53E-06 |
| 167828.725273031390 | 167828.73 | 3908289.57 | FENCEGRD | 7.52E-05 | 7.35E-05 | 7.18E-05 | 7.04E-05 | 5.09E-06 | 3.01E-05 | 1.74E-06 | 1.72E-06 | 1.70E-06 | 1.68E-06 |
| 167852.939912805390 | 167852.94 | 3908291.86 | FENCEGRD | 8.09E-05 | 7.91E-05 | 7.73E-05 | 7.58E-05 | 5.44E-06 | 3.34E-05 | 1.88E-06 | 1.86E-06 | 1.84E-06 | 1.81E-06 |
| 167877.154552583908 | 167877.15 | 3908294.15 | FENCEGRD | 8.67E-05 | 8.48E-05 | 8.29E-05 | 8.13E-05 | 5.80E-06 | 3.69E-05 | 2.02E-06 | 2.00E-06 | 1.98E-06 | 1.96E-06 |
| 167901.369192354390 | 167901.37 | 3908296.44 | FENCEGRD | 9.25E-05 | 9.06E-05 | 8.86E-05 | 8.70E-05 | 6.15E-06 | 4.06E-05 | 2.17E-06 | 2.15E-06 | 2.12E-06 | 2.10E-06 |
| 167925.583832128390 | 167925.58 | 3908298.72 | FENCEGRD | 9.83E-05 | 9.64E-05 | 9.44E-05 | 9.28E-05 | 6.53E-06 | 4.44E-05 | 2.32E-06 | 2.30E-06 | 2.28E-06 | 2.25E-06 |
| 167949.798471903390 | 167949.80 | 3908301.01 | FENCEGRD | 1.06E-04 | 1.04E-04 | 1.02E-04 | 1.00E-04 | 6.90E-06 | 5.00E-05 | 2.56E-06 | 2.53E-06 | 2.51E-06 | 2.49E-06 |
| 167974.013111677390 | 167974.01 | 3908303.30 | FENCEGRD | 1.11E-04 | 1.08E-04 | 1.05E-04 | 1.02E-04 | 6.94E-06 | 5.47E-05 | 2.64E-06 | 2.60E-06 | 2.56E-06 | 2.53E-06 |
| 167998.227751451390 | 167998.23 | 3908305.59 | FENCEGRD | 1.13E-04 | 1.10E-04 | 1.07E-04 | 1.05E-04 | 7.04E-06 | 5.61E-05 | 2.68E-06 | 2.64E-06 | 2.61E-06 | 2.58E-06 |
| 168022.442391225390 | 168022.44 | 3908307.88 | FENCEGRD | 1.15E-04 | 1.12E-04 | 1.10E-04 | 1.07E-04 | 7.19E-06 | 5.79E-05 | 2.74E-06 | 2.71E-06 | 2.67E-06 | 2.64E-06 |
| 168046.657031390830 | 168046.66 | 3908310.17 | FENCEGRD | 1.18E-04 | 1.16E-04 | 1.13E-04 | 1.11E-04 | 7.42E-06 | 6.04E-05 | 2.83E-06 | 2.80E-06 | 2.77E-06 | 2.74E-06 |
| 168070.871670774390 | 168070.87 | 3908312.46 | FENCEGRD | 1.21E-04 | 1.19E-04 | 1. | | | | | | | |

Project Ground Level Concentrations-3rd Trimester

| | | | | 3rd Trimester GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168330.166706784390 | 168330.17 | 3908714.36 | FENCEGRD | 2.00E-04 | 2.04E-04 | 2.10E-04 | 2.14E-04 | 1.52E-05 | 7.02E-05 | 5.00E-06 | 5.05E-06 | 5.10E-06 | 5.14E-06 |
| 168334.265326647390 | 168334.27 | 3908738.34 | FENCEGRD | 1.89E-04 | 1.94E-04 | 2.00E-04 | 2.04E-04 | 1.49E-05 | 6.44E-05 | 4.79E-06 | 4.84E-06 | 4.89E-06 | 4.94E-06 |
| 168338.363946511390 | 168338.36 | 3908762.31 | FENCEGRD | 1.72E-04 | 1.77E-04 | 1.83E-04 | 1.88E-04 | 1.43E-05 | 5.84E-05 | 4.50E-06 | 4.55E-06 | 4.60E-06 | 4.65E-06 |
| 168342.462566374390 | 168342.46 | 3908786.29 | FENCEGRD | 1.56E-04 | 1.61E-04 | 1.67E-04 | 1.73E-04 | 1.38E-05 | 5.33E-05 | 4.24E-06 | 4.29E-06 | 4.35E-06 | 4.40E-06 |
| 168346.561186237390 | 168346.56 | 3908810.26 | FENCEGRD | 1.44E-04 | 1.49E-04 | 1.55E-04 | 1.61E-04 | 1.34E-05 | 4.89E-05 | 4.01E-06 | 4.07E-06 | 4.12E-06 | 4.18E-06 |
| 168350.659806101390 | 168350.66 | 3908834.24 | FENCEGRD | 1.32E-04 | 1.38E-04 | 1.44E-04 | 1.49E-04 | 1.31E-05 | 4.49E-05 | 3.76E-06 | 3.82E-06 | 3.88E-06 | 3.93E-06 |
| 168354.758425964390 | 168354.76 | 3908858.21 | FENCEGRD | 1.21E-04 | 1.26E-04 | 1.32E-04 | 1.37E-04 | 1.27E-05 | 4.11E-05 | 3.49E-06 | 3.55E-06 | 3.61E-06 | 3.67E-06 |
| 168358.857045828390 | 168358.86 | 3908882.19 | FENCEGRD | 1.11E-04 | 1.15E-04 | 1.20E-04 | 1.25E-04 | 1.22E-05 | 3.77E-05 | 3.22E-06 | 3.28E-06 | 3.33E-06 | 3.39E-06 |
| 168362.955665691390 | 168362.96 | 3908906.16 | FENCEGRD | 1.03E-04 | 1.06E-04 | 1.11E-04 | 1.15E-04 | 1.17E-05 | 3.47E-05 | 2.97E-06 | 3.02E-06 | 3.07E-06 | 3.12E-06 |
| 168367.054285555390 | 168367.05 | 3908930.14 | FENCEGRD | 9.45E-05 | 9.77E-05 | 1.02E-04 | 1.05E-04 | 1.10E-05 | 3.18E-05 | 2.72E-06 | 2.76E-06 | 2.81E-06 | 2.85E-06 |
| 168371.152905418390 | 168371.15 | 3908954.11 | FENCEGRD | 8.60E-05 | 8.87E-05 | 9.21E-05 | 9.51E-05 | 1.02E-05 | 2.91E-05 | 2.48E-06 | 2.52E-06 | 2.56E-06 | 2.59E-06 |
| 168375.251525281390 | 168375.25 | 3908978.08 | FENCEGRD | 7.71E-05 | 7.95E-05 | 8.24E-05 | 8.51E-05 | 9.28E-06 | 2.65E-05 | 2.26E-06 | 2.29E-06 | 2.33E-06 | 2.36E-06 |
| 168379.350145145390 | 168379.35 | 3909002.06 | FENCEGRD | 6.90E-05 | 7.13E-05 | 7.40E-05 | 7.65E-05 | 8.46E-06 | 2.43E-05 | 2.09E-06 | 2.11E-06 | 2.14E-06 | 2.17E-06 |
| 168383.448765008390 | 168383.45 | 3909026.03 | FENCEGRD | 6.13E-05 | 6.35E-05 | 6.61E-05 | 6.84E-05 | 7.73E-06 | 2.24E-05 | 1.93E-06 | 1.96E-06 | 1.98E-06 | 2.01E-06 |
| 168387.547384872390 | 168387.55 | 3909050.01 | FENCEGRD | 5.41E-05 | 5.61E-05 | 5.85E-05 | 6.07E-05 | 7.10E-06 | 2.07E-05 | 1.78E-06 | 1.81E-06 | 1.83E-06 | 1.86E-06 |
| 168391.646004735390 | 168391.65 | 3909073.98 | FENCEGRD | 4.82E-05 | 5.00E-05 | 5.21E-05 | 5.40E-05 | 6.57E-06 | 1.92E-05 | 1.64E-06 | 1.66E-06 | 1.69E-06 | 1.71E-06 |
| 168395.744624599390 | 168395.74 | 3909097.96 | FENCEGRD | 4.37E-05 | 4.51E-05 | 4.69E-05 | 4.85E-05 | 6.12E-06 | 1.78E-05 | 1.50E-06 | 1.52E-06 | 1.54E-06 | 1.57E-06 |
| 168399.843244462390 | 168399.84 | 3909121.93 | FENCEGRD | 3.98E-05 | 4.10E-05 | 4.25E-05 | 4.40E-05 | 5.72E-06 | 1.67E-05 | 1.37E-06 | 1.39E-06 | 1.40E-06 | 1.42E-06 |
| 168403.941864325390 | 168403.94 | 3909145.91 | FENCEGRD | 3.61E-05 | 3.72E-05 | 3.86E-05 | 3.98E-05 | 5.33E-06 | 1.56E-05 | 1.24E-06 | 1.26E-06 | 1.28E-06 | 1.29E-06 |
| 167417.076396867390 | 167417.08 | 3908250.66 | FENCEGRD | 1.52E-05 | 1.50E-05 | 1.48E-05 | 1.47E-05 | 1.29E-06 | 5.10E-06 | 3.70E-07 | 3.66E-07 | 3.62E-07 | 3.57E-07 |
| 167396.178396867390 | 167396.18 | 3908263.75 | FENCEGRD | 1.45E-05 | 1.43E-05 | 1.42E-05 | 1.40E-05 | 1.22E-06 | 4.76E-06 | 3.47E-07 | 3.43E-07 | 3.39E-07 | 3.35E-07 |
| 167375.280396867390 | 167375.28 | 3908276.83 | FENCEGRD | 1.39E-05 | 1.38E-05 | 1.36E-05 | 1.35E-05 | 1.15E-06 | 4.49E-06 | 3.27E-07 | 3.24E-07 | 3.21E-07 | 3.17E-07 |
| 167354.382396867390 | 167354.38 | 3908289.91 | FENCEGRD | 1.35E-05 | 1.33E-05 | 1.31E-05 | 1.30E-05 | 1.08E-06 | 4.26E-06 | 3.11E-07 | 3.08E-07 | 3.05E-07 | 3.02E-07 |
| 167333.484396867390 | 167333.48 | 3908303.00 | FENCEGRD | 1.27E-05 | 1.26E-05 | 1.24E-05 | 1.22E-05 | 1.02E-06 | 4.06E-06 | 2.94E-07 | 2.91E-07 | 2.88E-07 | 2.85E-07 |
| 167312.586396867390 | 167312.59 | 3908316.08 | FENCEGRD | 1.19E-05 | 1.18E-05 | 1.16E-05 | 1.15E-05 | 9.66E-07 | 3.88E-06 | 2.76E-07 | 2.73E-07 | 2.69E-07 | 2.66E-07 |
| 167640.127983382390 | 167640.13 | 3908885.50 | FENCEGRD | 1.98E-04 | 1.79E-04 | 1.60E-04 | 1.47E-04 | 8.10E-06 | 6.11E-05 | 2.61E-06 | 2.49E-06 | 2.37E-06 | 2.26E-06 |
| 167628.894347019390 | 167628.89 | 3908906.15 | FENCEGRD | 1.84E-04 | 1.66E-04 | 1.48E-04 | 1.35E-04 | 7.94E-06 | 7.22E-05 | 2.47E-06 | 2.35E-06 | 2.23E-06 | 2.13E-06 |
| 167617.660710655390 | 167617.66 | 3908926.80 | FENCEGRD | 1.66E-04 | 1.49E-04 | 1.31E-04 | 1.20E-04 | 7.76E-06 | 8.40E-05 | 2.32E-06 | 2.20E-06 | 2.09E-06 | 1.99E-06 |
| 167618.166975073390 | 167618.17 | 3908873.55 | FENCEGRD | 1.46E-04 | 1.34E-04 | 1.22E-04 | 1.13E-04 | 6.58E-06 | 4.30E-05 | 1.97E-06 | 1.89E-06 | 1.81E-06 | 1.74E-06 |
| 167606.933338713908 | 167606.93 | 3908894.20 | FENCEGRD | 1.34E-04 | 1.23E-04 | 1.12E-04 | 1.04E-04 | 6.38E-06 | 5.12E-05 | 1.85E-06 | 1.77E-06 | 1.70E-06 | 1.63E-06 |
| 167595.699702346390 | 167595.70 | 3908914.85 | FENCEGRD | 1.19E-04 | 1.08E-04 | 9.79E-05 | 9.06E-05 | 6.15E-06 | 6.07E-05 | 1.72E-06 | 1.64E-06 | 1.57E-06 | 1.51E-06 |
| 167584.466065983390 | 167584.47 | 3908935.50 | FENCEGRD | 9.91E-05 | 9.02E-05 | 8.15E-05 | 7.57E-05 | 5.89E-06 | 7.02E-05 | 1.57E-06 | 1.50E-06 | 1.43E-06 | 1.37E-06 |
| 167573.232429619390 | 167573.23 | 3908956.15 | FENCEGRD | 7.80E-05 | 7.15E-05 | 6.53E-05 | 6.14E-05 | 5.60E-06 | 7.88E-05 | 1.40E-06 | 1.34E-06 | 1.27E-06 | 1.22E-06 |
| 167607.798568173908 | 167607.80 | 3908849.28 | FENCEGRD | 1.23E-04 | 1.14E-04 | 1.05E-04 | 9.82E-05 | 5.70E-06 | 3.01E-05 | 1.68E-06 | 1.62E-06 | 1.56E-06 | 1.51E-06 |
| 167584.972330401390 | 167584.97 | 3908882.26 | FENCEGRD | 1.03E-04 | 9.53E-05 | 8.74E-05 | 8.16E-05 | 5.19E-06 | 3.84E-05 | 1.44E-06 | 1.39E-06 | 1.34E-06 | 1.29E-06 |
| 167573.738694037390 | 167573.74 | 3908902.91 | FENCEGRD | 9.01E-05 | 8.35E-05 | 7.68E-05 | 7.20E-05 | 4.99E-06 | 4.61E-05 | 1.33E-06 | 1.28E-06 | 1.23E-06 | 1.18E-06 |
| 167562.505057674390 | 167562.51 | 3908923.56 | FENCEGRD | 7.53E-05 | 7.03E-05 | 6.53E-05 | 6.20E-05 | 4.77E-06 | 5.45E-05 | 1.20E-06 | 1.15E-06 | 1.11E-06 | 1.06E-06 |
| 167551.271421313908 | 167551.27 | 3908944.21 | FENCEGRD | 6.12E-05 | 5.79E-05 | 5.47E-05 | 5.26E-05 | 4.53E-06 | 6.29E-05 | 1.06E-06 | 1.02E-06 | 9.73E-07 | 9.35E-07 |
| 167540.037784946390 | 167540.04 | 3908964.86 | FENCEGRD | 4.99E-05 | 4.82E-05 | 4.65E-05 | 4.55E-05 | 4.28E-06 | 7.09E-05 | 9.09E-07 | 8.73E-07 | 8.37E-07 | 8.06E-07 |
| 167528.804148583390 | 167528.80 | 3908985.51 | FENCEGRD | 4.27E-05 | 4.24E-05 | 4.21E-05 | 4.20E-05 | 4.00E-06 | 7.84E-05 | 7.67E-07 | 7.41E-07 | 7.14E-07 | 6.92E-07 |
| 167517.570512219390 | 167517.57 | 3909006.16 | FENCEGRD | 4.02E-05 | 4.08E-05 | 4.14E-05 | 4.19E-05 | 3.68E-06 | 8.53E-05 | 6.57E-07 | 6.42E-07 | 6.25E-07 | 6.10E-07 |
| 167506.336875855390 | 167506.34 | 3909026.81 | FENCEGRD | 4.08E-05 | 4.18E-05 | 4.27E-05 | 4.34E-05 | 3.33E-06 | 9.13E-05 | 6.02E-07 | 5.92E-07 | 5.82E-07 | 5.73E-07 |
| 167495.103239492390 | 167495.10 | 3909047.46 | FENCEGRD | 4.30E-05 | 4.43E-05 | 4.56E-05 | 4.64E-05 | 2.94E-06 | 9.66E-05 | 6.05E-07 | 5.96E-07 | 5.88E-07 | 5.81E-07 |
| 167565.325626728390 | 167565.33 | 3908823.85 | FENCEGRD | 8.06E-05 | 7.57E-05 | 7.05E-05 | 6.67E-05 | 4.06E-06 | 1.91E-05 | 1.14E-06 | 1.11E-06 | 1.07E-06 | 1.04E-06 |
| 167541.050313783390 | 167541.05 | 3908858.36 | FENCEGRD | 6.60E-05 | 6.23E-05 | 5.84E-05 | 5.56E-05 | 3.68E-06 | 2.41E-05 | 9.40E-07 | 9.10E-07 | 8.79E-07 | 8.52E-07 |
| 167529.816677423908 | 167529.82 | 3908879.01 | FENCEGRD | 5.94E-05 | 5.64E-05 | 5.33E-05 | 5.10E-05 | 3.52E-06 | 2.91E-05 | 8.43E-07 | 8.16E-07 | 7.88E-07 | 7.64E-07 |
| 167518.583041056390 | 167518.58 | 3908899.66 | FENCEGRD | 5.30E-05 | 5.08E-05 | 4.85E-05 | 4.68E-05 | 3.35E-06 | 3.50E-05 | 7.45E-07 | 7.22E-07 | 6.98E-07 | 6.77E-07 |
| 167507.349404692390 | 167507.35 | 3908920.32 | FENCEGRD | 4.74E-05 | 4.61E-05 | 4.47E-05 | 4.36E-05 | 3.15E-06 | 4.15E-05 | 6.50E-07 | 6.32E-07 | 6.12E-07 | 5.95E-07 |
| 167496.115768329390 | 167496.12 | 3908940.97 | FENCEGRD | 4.37E-05 | 4.33E-05 | 4.28E-05 | 4.24E-05 | 2.92E-06 | 4.85E-05 | 5.67E-07 | 5.54E-07 | 5.40E-07 | 5.28E-07 |
| 167484.882131965390 | 167484.88 | 3908961.62 | FENCEGRD | 4.26E-05 | 4.28E-05 | 4.30E-05 | 4.31E-05 | 2.68E-06 | 5.56E-05 | 5.07E-07 | 4.99E-07 | 4.90E-07 | 4.83E-07 |
| 167473.648495601390 | 167473.65 | 3908982.27 | FENCEGRD | 4.37E-05 | 4.41E-05 | 4.46E-05 | 4.50E-05 | 2.42E-06 | 6.27E-05 | 4.80E-07 | 4.75E-07 | 4.70E-07 | 4.65E-07 |
| 167462.414859238390 | 167462.41 | 3909002.92 | FENCEGRD | 4.57E-05 | 4.62E-05 | 4.68E-05 | 4.72E-05 | 2.15E-06 | 6.97E-05 | 4.86E-07 | 4.83E-07 | 4.79E-07 | 4.76E-07 |
| 167451.181222874390 | 167451.18 | 3909023.57 | FENCEGRD | 4.91E-05 | 4.97E-05 | 5.04E-05 | 5.08E-05 | 1.90E-06 | 7.63E-05 | 5.24E-07 | 5.20E-07 | 5.16E-07 | 5.12E-07 |
| 167439.947586511390 | 167439.95 | 3909044.22 | FENCEGRD | 5.66E-05 | 5.72E-05 | 5.79E-05 | 5.83E-05 | 1.69E-06 | 8.26E-05 | 6.07E-07 | 5.99E-07 | 5.92E-07 | 5.87E-07 |
| 167522.273055216390 | 167522.27 | 3908799.03 | FENCEGRD | 5.66E-05 | 5.38E-05 | 5.09E-05 | 4.88E-05 | 3.09E-06 | 1.38E-05 | 7.99E-07 | 7.77E-07 | 7.54E-07 | 7.34E-07 |
| 167550.095298589390 | 167550.10 | 3908769.45 | FENCEGRD | 6.78E-05 | 6.42E-05 | 6.03E-05 | 5.74E-05 | 3.45E-06 | 1.33E-05 | 9.80E-07 | 9.54E-07 | 9.26E-07 | 9.01E-07 |
| 167497.128297166390 | 167497.13 | 3908834.47 | FENCEGRD | 4.79E-05 | 4.59E-05 | 4.38E-05 | 4.23E-05 | 2.76E-06 | 1.70E-05 | 6.40E-07 | 6.24E-07 | 6.07E-07 | 5.91E-07 |
| 167485.894660802390 | 167485.89 | 3908855.12 | FENCEGRD | 4.46E-05 | 4.29E-05 | 4.12E-05 | 3.99E-05 | 2.60E-06 | 2.02E-05 | 5.73E-07 | 5.59E-07 | 5.44E-07 | 5.31E-07 |
| 167474.661024438390 | 167474.66 | 3908875.77 | FENCEGRD | 4.19E-05 | 4.07E-05 | 3.94E-05 | 3.84E-05 | 2.43E-06 | 2.44E-05 | 5.11E-07 | 5.00E-07 | 4.88E-07 | 4.78E-07 |
| 167463.427388075390 | 167463.43 | 3908896.42 | FENCEGRD | 4.06E-05 | 3.98E-05 | 3.90E-05 | 3.83E-05 | 2.25E-06 | 2.93E-05 | 4.59E-07 | 4.51E-07 | 4.43E-07 | 4.35E-07 |
| 167452.193751711390 | 167452.19 | 3908917.07 | FENCEGRD | 4.10E-05 | 4.05E-05 | 4.00E-05 | 3.95E-05 | 2.06E-06 | 3.48E-05 | 4.23E-07 | 4.18E-07 | 4.13E-07 | 4.08E-07 |
| 167440.960115347390 | 167440.96 | 3908937.73 | FENCEGRD | 4.28E-05 | 4.25E-05 | 4. | | | | | | | |

Project Ground Level Concentrations-3rd Trimester

| | | | | 3rd Trimester GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167398.050627566390 | 167398.05 | 3908807.34 | FENCEGRD | 3.15E-05 | 3.09E-05 | 3.02E-05 | 2.97E-05 | 1.49E-06 | 1.25E-05 | 3.42E-07 | 3.38E-07 | 3.34E-07 | 3.31E-07 |
| 167386.816991203390 | 167386.82 | 3908827.99 | FENCEGRD | 3.21E-05 | 3.16E-05 | 3.11E-05 | 3.06E-05 | 1.39E-06 | 1.45E-05 | 3.28E-07 | 3.26E-07 | 3.23E-07 | 3.21E-07 |
| 167375.583354839390 | 167375.58 | 3908848.64 | FENCEGRD | 3.34E-05 | 3.30E-05 | 3.25E-05 | 3.20E-05 | 1.29E-06 | 1.71E-05 | 3.26E-07 | 3.24E-07 | 3.22E-07 | 3.21E-07 |
| 167364.349718476390 | 167364.35 | 3908869.29 | FENCEGRD | 3.52E-05 | 3.47E-05 | 3.42E-05 | 3.37E-05 | 1.19E-06 | 2.03E-05 | 3.35E-07 | 3.34E-07 | 3.33E-07 | 3.32E-07 |
| 167353.116082112390 | 167353.12 | 3908889.94 | FENCEGRD | 3.71E-05 | 3.65E-05 | 3.59E-05 | 3.54E-05 | 1.11E-06 | 2.39E-05 | 3.55E-07 | 3.53E-07 | 3.52E-07 | 3.51E-07 |
| 167341.882445748390 | 167341.88 | 3908910.59 | FENCEGRD | 3.86E-05 | 3.80E-05 | 3.74E-05 | 3.68E-05 | 1.05E-06 | 2.78E-05 | 3.79E-07 | 3.77E-07 | 3.76E-07 | 3.74E-07 |
| 167330.648809385390 | 167330.65 | 3908931.24 | FENCEGRD | 4.03E-05 | 3.97E-05 | 3.90E-05 | 3.84E-05 | 1.01E-06 | 3.20E-05 | 4.05E-07 | 4.03E-07 | 4.01E-07 | 3.99E-07 |
| 167319.415173021390 | 167319.42 | 3908951.89 | FENCEGRD | 4.31E-05 | 4.23E-05 | 4.16E-05 | 4.09E-05 | 9.97E-07 | 3.63E-05 | 4.35E-07 | 4.33E-07 | 4.30E-07 | 4.28E-07 |
| 167308.181536657390 | 167308.18 | 3908972.54 | FENCEGRD | 4.76E-05 | 4.67E-05 | 4.57E-05 | 4.49E-05 | 1.02E-06 | 4.08E-05 | 4.77E-07 | 4.73E-07 | 4.69E-07 | 4.67E-07 |
| 167296.947900294390 | 167296.95 | 3908993.19 | FENCEGRD | 5.39E-05 | 5.27E-05 | 5.15E-05 | 5.04E-05 | 1.07E-06 | 4.55E-05 | 5.38E-07 | 5.33E-07 | 5.28E-07 | 5.24E-07 |
| 167348.130668932390 | 167348.13 | 3908701.82 | FENCEGRD | 2.54E-05 | 2.48E-05 | 2.42E-05 | 2.37E-05 | 1.21E-06 | 7.23E-06 | 2.98E-07 | 2.95E-07 | 2.91E-07 | 2.88E-07 |
| 167379.044272683908 | 167379.04 | 3908668.95 | FENCEGRD | 2.72E-05 | 2.65E-05 | 2.56E-05 | 2.50E-05 | 1.41E-06 | 6.64E-06 | 3.51E-07 | 3.45E-07 | 3.40E-07 | 3.34E-07 |
| 167394.501074554390 | 167394.50 | 3908652.52 | FENCEGRD | 2.85E-05 | 2.77E-05 | 2.67E-05 | 2.60E-05 | 1.51E-06 | 6.52E-06 | 3.83E-07 | 3.77E-07 | 3.70E-07 | 3.63E-07 |
| 167409.957876428390 | 167409.96 | 3908636.09 | FENCEGRD | 3.01E-05 | 2.92E-05 | 2.82E-05 | 2.73E-05 | 1.63E-06 | 6.56E-06 | 4.20E-07 | 4.12E-07 | 4.04E-07 | 3.97E-07 |
| 167440.871480176390 | 167440.87 | 3908603.22 | FENCEGRD | 3.42E-05 | 3.30E-05 | 3.17E-05 | 3.07E-05 | 1.90E-06 | 7.05E-06 | 5.06E-07 | 4.96E-07 | 4.86E-07 | 4.77E-07 |
| 167456.328282053908 | 167456.33 | 3908586.79 | FENCEGRD | 3.65E-05 | 3.52E-05 | 3.38E-05 | 3.26E-05 | 2.04E-06 | 7.48E-06 | 5.56E-07 | 5.45E-07 | 5.33E-07 | 5.23E-07 |
| 167332.673867058390 | 167332.67 | 3908718.25 | FENCEGRD | 2.51E-05 | 2.46E-05 | 2.41E-05 | 2.37E-05 | 1.12E-06 | 7.70E-06 | 2.81E-07 | 2.79E-07 | 2.76E-07 | 2.74E-07 |
| 167321.440230695390 | 167321.44 | 3908738.90 | FENCEGRD | 2.55E-05 | 2.51E-05 | 2.46E-05 | 2.43E-05 | 1.05E-06 | 8.45E-06 | 2.74E-07 | 2.73E-07 | 2.71E-07 | 2.69E-07 |
| 167310.206594331390 | 167310.21 | 3908759.55 | FENCEGRD | 2.62E-05 | 2.58E-05 | 2.54E-05 | 2.50E-05 | 9.85E-07 | 9.38E-06 | 2.74E-07 | 2.73E-07 | 2.72E-07 | 2.71E-07 |
| 167298.972957967390 | 167298.97 | 3908780.20 | FENCEGRD | 2.72E-05 | 2.68E-05 | 2.64E-05 | 2.60E-05 | 9.25E-07 | 1.05E-05 | 2.82E-07 | 2.80E-07 | 2.80E-07 | 2.79E-07 |
| 167287.739321604390 | 167287.74 | 3908800.85 | FENCEGRD | 2.84E-05 | 2.80E-05 | 2.75E-05 | 2.72E-05 | 8.77E-07 | 1.20E-05 | 2.94E-07 | 2.93E-07 | 2.92E-07 | 2.92E-07 |
| 167276.505685243908 | 167276.51 | 3908821.50 | FENCEGRD | 2.96E-05 | 2.91E-05 | 2.87E-05 | 2.83E-05 | 8.43E-07 | 1.37E-05 | 3.11E-07 | 3.10E-07 | 3.09E-07 | 3.08E-07 |
| 167265.272048877390 | 167265.27 | 3908842.15 | FENCEGRD | 3.06E-05 | 3.02E-05 | 2.96E-05 | 2.92E-05 | 8.28E-07 | 1.57E-05 | 3.30E-07 | 3.29E-07 | 3.27E-07 | 3.26E-07 |
| 167254.038412513390 | 167254.04 | 3908862.81 | FENCEGRD | 3.16E-05 | 3.11E-05 | 3.05E-05 | 3.00E-05 | 8.30E-07 | 1.80E-05 | 3.49E-07 | 3.47E-07 | 3.46E-07 | 3.44E-07 |
| 167242.804776149390 | 167242.80 | 3908883.46 | FENCEGRD | 3.28E-05 | 3.22E-05 | 3.17E-05 | 3.11E-05 | 8.51E-07 | 2.07E-05 | 3.67E-07 | 3.65E-07 | 3.63E-07 | 3.61E-07 |
| 167231.571139786390 | 167231.57 | 3908904.11 | FENCEGRD | 3.47E-05 | 3.41E-05 | 3.34E-05 | 3.29E-05 | 8.87E-07 | 2.37E-05 | 3.87E-07 | 3.85E-07 | 3.83E-07 | 3.81E-07 |
| 167220.337503422390 | 167220.34 | 3908924.76 | FENCEGRD | 3.75E-05 | 3.68E-05 | 3.61E-05 | 3.54E-05 | 9.35E-07 | 2.68E-05 | 4.14E-07 | 4.12E-07 | 4.09E-07 | 4.07E-07 |
| 167209.103867058390 | 167209.10 | 3908945.41 | FENCEGRD | 4.13E-05 | 4.04E-05 | 3.96E-05 | 3.88E-05 | 9.88E-07 | 3.00E-05 | 4.54E-07 | 4.50E-07 | 4.47E-07 | 4.44E-07 |
| 167260.637926649390 | 167260.64 | 3908653.66 | FENCEGRD | 2.18E-05 | 2.14E-05 | 2.10E-05 | 2.06E-05 | 8.81E-07 | 6.36E-06 | 2.47E-07 | 2.46E-07 | 2.44E-07 | 2.43E-07 |
| 167276.446019474390 | 167276.45 | 3908636.85 | FENCEGRD | 2.19E-05 | 2.15E-05 | 2.10E-05 | 2.06E-05 | 9.55E-07 | 6.12E-06 | 2.56E-07 | 2.53E-07 | 2.51E-07 | 2.49E-07 |
| 167292.254112339088 | 167292.25 | 3908620.05 | FENCEGRD | 2.24E-05 | 2.19E-05 | 2.13E-05 | 2.09E-05 | 1.04E-06 | 5.96E-06 | 2.71E-07 | 2.68E-07 | 2.65E-07 | 2.62E-07 |
| 167308.062205126390 | 167308.06 | 3908603.24 | FENCEGRD | 2.32E-05 | 2.26E-05 | 2.19E-05 | 2.14E-05 | 1.12E-06 | 5.89E-06 | 2.91E-07 | 2.87E-07 | 2.83E-07 | 2.80E-07 |
| 167323.870297951390 | 167323.87 | 3908586.43 | FENCEGRD | 2.42E-05 | 2.35E-05 | 2.28E-05 | 2.22E-05 | 1.21E-06 | 5.88E-06 | 3.16E-07 | 3.11E-07 | 3.06E-07 | 3.02E-07 |
| 167339.678390777390 | 167339.68 | 3908569.63 | FENCEGRD | 2.53E-05 | 2.46E-05 | 2.38E-05 | 2.31E-05 | 1.30E-06 | 5.94E-06 | 3.44E-07 | 3.38E-07 | 3.33E-07 | 3.27E-07 |
| 167355.486483603390 | 167355.49 | 3908552.82 | FENCEGRD | 2.65E-05 | 2.57E-05 | 2.48E-05 | 2.41E-05 | 1.39E-06 | 6.05E-06 | 3.74E-07 | 3.67E-07 | 3.61E-07 | 3.55E-07 |
| 167371.294576428390 | 167371.29 | 3908536.02 | FENCEGRD | 2.80E-05 | 2.71E-05 | 2.61E-05 | 2.53E-05 | 1.49E-06 | 6.25E-06 | 4.07E-07 | 4.00E-07 | 3.93E-07 | 3.86E-07 |
| 167387.102669254390 | 167387.10 | 3908519.21 | FENCEGRD | 2.95E-05 | 2.85E-05 | 2.75E-05 | 2.66E-05 | 1.60E-06 | 6.52E-06 | 4.43E-07 | 4.35E-07 | 4.27E-07 | 4.20E-07 |
| 167402.910762083908 | 167402.91 | 3908502.40 | FENCEGRD | 3.11E-05 | 3.01E-05 | 2.89E-05 | 2.80E-05 | 1.72E-06 | 6.85E-06 | 4.81E-07 | 4.72E-07 | 4.64E-07 | 4.55E-07 |
| 167244.829833823390 | 167244.83 | 3908670.46 | FENCEGRD | 2.19E-05 | 2.15E-05 | 2.12E-05 | 2.08E-05 | 8.17E-07 | 6.70E-06 | 2.45E-07 | 2.44E-07 | 2.43E-07 | 2.42E-07 |
| 167233.596197459390 | 167233.60 | 3908691.11 | FENCEGRD | 2.23E-05 | 2.20E-05 | 2.16E-05 | 2.13E-05 | 7.74E-07 | 7.20E-06 | 2.49E-07 | 2.48E-07 | 2.47E-07 | 2.46E-07 |
| 167222.362561096390 | 167222.36 | 3908711.77 | FENCEGRD | 2.29E-05 | 2.26E-05 | 2.22E-05 | 2.19E-05 | 7.41E-07 | 7.81E-06 | 2.57E-07 | 2.56E-07 | 2.55E-07 | 2.54E-07 |
| 167211.128924732390 | 167211.13 | 3908732.42 | FENCEGRD | 2.36E-05 | 2.33E-05 | 2.29E-05 | 2.26E-05 | 7.19E-07 | 8.55E-06 | 2.67E-07 | 2.66E-07 | 2.65E-07 | 2.65E-07 |
| 167199.895288368390 | 167199.90 | 3908753.07 | FENCEGRD | 2.44E-05 | 2.40E-05 | 2.36E-05 | 2.33E-05 | 7.11E-07 | 9.42E-06 | 2.80E-07 | 2.79E-07 | 2.78E-07 | 2.77E-07 |
| 167188.661652005390 | 167188.66 | 3908773.72 | FENCEGRD | 2.50E-05 | 2.46E-05 | 2.42E-05 | 2.38E-05 | 7.14E-07 | 1.04E-05 | 2.93E-07 | 2.92E-07 | 2.91E-07 | 2.90E-07 |
| 167177.428015641390 | 167177.43 | 3908794.37 | FENCEGRD | 2.55E-05 | 2.51E-05 | 2.47E-05 | 2.43E-05 | 7.30E-07 | 1.16E-05 | 3.06E-07 | 3.05E-07 | 3.04E-07 | 3.02E-07 |
| 167166.194379277390 | 167166.19 | 3908815.02 | FENCEGRD | 2.60E-05 | 2.56E-05 | 2.51E-05 | 2.47E-05 | 7.55E-07 | 1.29E-05 | 3.18E-07 | 3.16E-07 | 3.15E-07 | 3.14E-07 |
| 167154.960742914390 | 167154.96 | 3908835.67 | FENCEGRD | 2.67E-05 | 2.63E-05 | 2.58E-05 | 2.54E-05 | 7.88E-07 | 1.45E-05 | 3.29E-07 | 3.27E-07 | 3.26E-07 | 3.24E-07 |
| 167143.727106553908 | 167143.73 | 3908856.32 | FENCEGRD | 2.80E-05 | 2.75E-05 | 2.71E-05 | 2.66E-05 | 8.28E-07 | 1.63E-05 | 3.43E-07 | 3.41E-07 | 3.39E-07 | 3.37E-07 |
| 167132.493470187390 | 167132.49 | 3908876.97 | FENCEGRD | 3.00E-05 | 2.94E-05 | 2.89E-05 | 2.84E-05 | 8.72E-07 | 1.83E-05 | 3.62E-07 | 3.60E-07 | 3.58E-07 | 3.56E-07 |
| 167121.259833823390 | 167121.26 | 3908897.62 | FENCEGRD | 3.25E-05 | 3.19E-05 | 3.12E-05 | 3.07E-05 | 9.15E-07 | 2.06E-05 | 3.92E-07 | 3.89E-07 | 3.86E-07 | 3.84E-07 |
| 167173.037094841390 | 167173.04 | 3908605.61 | FENCEGRD | 2.01E-05 | 1.98E-05 | 1.94E-05 | 1.91E-05 | 7.13E-07 | 6.00E-06 | 2.38E-07 | 2.37E-07 | 2.36E-07 | 2.35E-07 |
| 167189.088389095390 | 167189.09 | 3908588.55 | FENCEGRD | 2.03E-05 | 2.00E-05 | 1.96E-05 | 1.92E-05 | 7.68E-07 | 5.89E-06 | 2.41E-07 | 2.39E-07 | 2.38E-07 | 2.36E-07 |
| 167205.139683349390 | 167205.14 | 3908571.49 | FENCEGRD | 2.05E-05 | 2.01E-05 | 1.97E-05 | 1.93E-05 | 8.33E-07 | 5.83E-06 | 2.47E-07 | 2.45E-07 | 2.43E-07 | 2.41E-07 |
| 167221.190977602390 | 167221.19 | 3908554.42 | FENCEGRD | 2.09E-05 | 2.05E-05 | 2.00E-05 | 1.96E-05 | 9.12E-07 | 5.85E-06 | 2.60E-07 | 2.57E-07 | 2.55E-07 | 2.52E-07 |
| 167237.242271856390 | 167237.24 | 3908537.36 | FENCEGRD | 2.00E-05 | 2.01E-05 | 2.05E-05 | 2.02E-05 | 1.02E-06 | 5.54E-06 | 2.74E-07 | 2.74E-07 | 2.73E-07 | 2.71E-07 |
| 167253.293566113908 | 167253.29 | 3908520.29 | FENCEGRD | 1.88E-05 | 1.87E-05 | 1.88E-05 | 1.90E-05 | 1.08E-06 | 5.21E-06 | 2.74E-07 | 2.73E-07 | 2.71E-07 | 2.70E-07 |
| 167269.344860364390 | 167269.34 | 3908503.23 | FENCEGRD | 1.82E-05 | 1.81E-05 | 1.81E-05 | 1.81E-05 | 1.10E-06 | 5.01E-06 | 2.79E-07 | 2.77E-07 | 2.75E-07 | 2.73E-07 |
| 167285.396154618390 | 167285.40 | 3908486.16 | FENCEGRD | 1.82E-05 | 1.81E-05 | 1.80E-05 | 1.80E-05 | 1.14E-06 | 4.92E-06 | 2.90E-07 | 2.88E-07 | 2.85E-07 | 2.83E-07 |
| 167301.447448871390 | 167301.45 | 3908469.10 | FENCEGRD | 1.84E-05 | 1.83E-05 | 1.82E-05 | 1.81E-05 | 1.18E-06 | 4.89E-06 | 3.05E-07 | 3.02E-07 | 2.99E-07 | 2.97E-07 |
| 167317.498743125390 | 167317.50 | 3908452.03 | FENCEGRD | 1.88E-05 | 1.86E-05 | 1.85E-05 | 1.84E-05 | 1.23E-06 | 4.92E-06 | 3.23E-07 | 3.20E-07 | 3.17E-07 | 3.14E-07 |
| 167333.550037379390 | 167333.55 | 3908434.97 | FENCEGRD | 1.94E-05 | 1.92E-05 | 1.91E-05 | 1.90E-05 | 1.29E-06 | 4.99E-06 | 3.44E-07 | 3.41E-07 | 3.37E-07 | 3.33E-07 |
| 167349.601331633390 | 167349.60 | 3908417.90 | FENCEGRD | 2.00E-05 | 1.98E-05 | 1. | | | | | | | |

Project Ground Level Concentrations-3rd Trimester

| | | | | 3rd Trimester GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167024.207221897390 | 167024.21 | 3908657.50 | FENCEGRD | 1.82E-05 | 1.79E-05 | 1.76E-05 | 1.73E-05 | 6.08E-07 | 6.67E-06 | 2.48E-07 | 2.46E-07 | 2.45E-07 | 2.44E-07 |
| 167012.973585534390 | 167012.97 | 3908678.15 | FENCEGRD | 1.83E-05 | 1.80E-05 | 1.77E-05 | 1.75E-05 | 6.30E-07 | 7.17E-06 | 2.55E-07 | 2.53E-07 | 2.52E-07 | 2.51E-07 |
| 167001.739949173908 | 167001.74 | 3908698.80 | FENCEGRD | 1.84E-05 | 1.81E-05 | 1.78E-05 | 1.75E-05 | 6.50E-07 | 7.68E-06 | 2.59E-07 | 2.58E-07 | 2.57E-07 | 2.55E-07 |
| 166990.506312807390 | 166990.51 | 3908719.45 | FENCEGRD | 1.86E-05 | 1.83E-05 | 1.80E-05 | 1.77E-05 | 6.74E-07 | 8.25E-06 | 2.63E-07 | 2.61E-07 | 2.60E-07 | 2.59E-07 |
| 166979.272676443390 | 166979.27 | 3908740.10 | FENCEGRD | 1.89E-05 | 1.86E-05 | 1.83E-05 | 1.81E-05 | 6.98E-07 | 8.89E-06 | 2.67E-07 | 2.65E-07 | 2.64E-07 | 2.63E-07 |
| 166968.039040079390 | 166968.04 | 3908760.75 | FENCEGRD | 1.95E-05 | 1.92E-05 | 1.89E-05 | 1.86E-05 | 7.22E-07 | 9.61E-06 | 2.73E-07 | 2.71E-07 | 2.70E-07 | 2.69E-07 |
| 166956.805403716390 | 166956.81 | 3908781.40 | FENCEGRD | 2.04E-05 | 2.01E-05 | 1.97E-05 | 1.95E-05 | 7.45E-07 | 1.04E-05 | 2.83E-07 | 2.82E-07 | 2.80E-07 | 2.79E-07 |
| 166945.571767352390 | 166945.57 | 3908802.05 | FENCEGRD | 2.15E-05 | 2.12E-05 | 2.08E-05 | 2.05E-05 | 7.65E-07 | 1.14E-05 | 3.00E-07 | 2.98E-07 | 2.96E-07 | 2.95E-07 |
| 167371.888474415390 | 167371.89 | 3909070.62 | FENCEGRD | 9.35E-05 | 9.10E-05 | 8.84E-05 | 8.58E-05 | 1.30E-06 | 7.98E-05 | 9.13E-07 | 8.92E-07 | 8.74E-07 | 8.59E-07 |
| 167324.488572333390 | 167324.49 | 3909054.72 | FENCEGRD | 8.35E-05 | 8.09E-05 | 7.83E-05 | 7.60E-05 | 1.24E-06 | 6.67E-05 | 8.39E-07 | 8.22E-07 | 8.09E-07 | 7.97E-07 |
| 167277.083364552390 | 167277.08 | 3909038.83 | FENCEGRD | 7.34E-05 | 7.12E-05 | 6.91E-05 | 6.71E-05 | 1.22E-06 | 5.61E-05 | 7.80E-07 | 7.67E-07 | 7.56E-07 | 7.46E-07 |
| 167287.015632423390 | 167287.02 | 3909016.01 | FENCEGRD | 6.25E-05 | 6.09E-05 | 5.94E-05 | 5.79E-05 | 1.14E-06 | 5.09E-05 | 6.38E-07 | 6.30E-07 | 6.22E-07 | 6.16E-07 |
| 167182.264672139090 | 167182.26 | 3909007.07 | FENCEGRD | 5.70E-05 | 5.55E-05 | 5.40E-05 | 5.26E-05 | 1.15E-06 | 4.05E-05 | 6.85E-07 | 6.76E-07 | 6.68E-07 | 6.60E-07 |
| 167192.329370213908 | 167192.33 | 3908983.95 | FENCEGRD | 5.02E-05 | 4.90E-05 | 4.78E-05 | 4.67E-05 | 1.09E-06 | 3.64E-05 | 5.76E-07 | 5.70E-07 | 5.64E-07 | 5.59E-07 |
| 167087.440283725390 | 167087.44 | 3908975.32 | FENCEGRD | 4.55E-05 | 4.44E-05 | 4.33E-05 | 4.23E-05 | 1.08E-06 | 3.06E-05 | 6.11E-07 | 6.04E-07 | 5.98E-07 | 5.92E-07 |
| 167096.458830418390 | 167096.46 | 3908954.60 | FENCEGRD | 4.13E-05 | 4.04E-05 | 3.95E-05 | 3.87E-05 | 1.02E-06 | 2.77E-05 | 5.34E-07 | 5.28E-07 | 5.23E-07 | 5.19E-07 |
| 167106.604695447390 | 167106.60 | 3908931.29 | FENCEGRD | 3.72E-05 | 3.65E-05 | 3.57E-05 | 3.50E-05 | 9.76E-07 | 2.46E-05 | 4.63E-07 | 4.58E-07 | 4.55E-07 | 4.51E-07 |
| 166992.612970415390 | 166992.61 | 3908943.58 | FENCEGRD | 3.70E-05 | 3.62E-05 | 3.54E-05 | 3.46E-05 | 9.94E-07 | 2.36E-05 | 5.46E-07 | 5.40E-07 | 5.35E-07 | 5.30E-07 |
| 167001.680266009390 | 167001.68 | 3908922.75 | FENCEGRD | 3.41E-05 | 3.34E-05 | 3.27E-05 | 3.21E-05 | 9.47E-07 | 2.14E-05 | 4.86E-07 | 4.81E-07 | 4.77E-07 | 4.73E-07 |
| 167010.747561603390 | 167010.75 | 3908901.92 | FENCEGRD | 3.15E-05 | 3.09E-05 | 3.03E-05 | 2.98E-05 | 9.10E-07 | 1.93E-05 | 4.34E-07 | 4.30E-07 | 4.27E-07 | 4.23E-07 |
| 167019.814857197390 | 167019.81 | 3908881.09 | FENCEGRD | 2.91E-05 | 2.85E-05 | 2.80E-05 | 2.75E-05 | 8.78E-07 | 1.73E-05 | 3.89E-07 | 3.86E-07 | 3.83E-07 | 3.81E-07 |
| 166897.783956562390 | 166897.78 | 3908911.84 | FENCEGRD | 3.06E-05 | 3.00E-05 | 2.94E-05 | 2.88E-05 | 9.18E-07 | 1.85E-05 | 4.88E-07 | 4.83E-07 | 4.79E-07 | 4.75E-07 |
| 166906.886396713390 | 166906.89 | 3908890.93 | FENCEGRD | 2.84E-05 | 2.79E-05 | 2.74E-05 | 2.69E-05 | 8.68E-07 | 1.68E-05 | 4.40E-07 | 4.36E-07 | 4.33E-07 | 4.29E-07 |
| 166915.988836863390 | 166915.99 | 3908870.02 | FENCEGRD | 2.64E-05 | 2.60E-05 | 2.55E-05 | 2.51E-05 | 8.32E-07 | 1.53E-05 | 3.97E-07 | 3.94E-07 | 3.91E-07 | 3.88E-07 |
| 166925.091277014390 | 166925.09 | 3908849.11 | FENCEGRD | 2.47E-05 | 2.43E-05 | 2.39E-05 | 2.35E-05 | 8.07E-07 | 1.39E-05 | 3.60E-07 | 3.57E-07 | 3.55E-07 | 3.53E-07 |
| 166934.193717164390 | 166934.19 | 3908828.19 | FENCEGRD | 2.32E-05 | 2.28E-05 | 2.24E-05 | 2.21E-05 | 7.88E-07 | 1.27E-05 | 3.30E-07 | 3.27E-07 | 3.25E-07 | 3.23E-07 |
| 167363.014395385390 | 167363.01 | 3909118.12 | FENCEGRD | 1.69E-04 | 1.61E-04 | 1.53E-04 | 1.45E-04 | 1.52E-06 | 9.43E-05 | 1.73E-06 | 1.67E-06 | 1.61E-06 | 1.56E-06 |
| 167359.573909162.59 | 167359.57 | 3909162.59 | FENCEGRD | 2.71E-04 | 2.59E-04 | 2.46E-04 | 2.35E-04 | 2.08E-06 | 1.07E-04 | 3.31E-06 | 3.17E-06 | 3.04E-06 | 2.93E-06 |
| 167359.573909185.91 | 167359.57 | 3909185.91 | FENCEGRD | 3.25E-04 | 3.11E-04 | 2.97E-04 | 2.84E-04 | 2.67E-06 | 1.13E-04 | 4.49E-06 | 4.31E-06 | 4.15E-06 | 4.00E-06 |
| 167359.573909209.23 | 167359.57 | 3909209.24 | FENCEGRD | 3.76E-04 | 3.61E-04 | 3.45E-04 | 3.32E-04 | 3.63E-06 | 1.18E-04 | 5.82E-06 | 5.62E-06 | 5.43E-06 | 5.26E-06 |
| 167359.573909232.55 | 167359.57 | 3909232.56 | FENCEGRD | 4.18E-04 | 4.04E-04 | 3.89E-04 | 3.75E-04 | 5.23E-06 | 1.21E-04 | 7.20E-06 | 6.98E-06 | 6.78E-06 | 6.59E-06 |
| 167359.573909255.87 | 167359.57 | 3909255.88 | FENCEGRD | 4.47E-04 | 4.36E-04 | 4.23E-04 | 4.10E-04 | 7.76E-06 | 1.22E-04 | 8.44E-06 | 8.23E-06 | 8.04E-06 | 7.84E-06 |
| 167312.799120674390 | 167312.80 | 3909119.44 | FENCEGRD | 1.63E-04 | 1.55E-04 | 1.47E-04 | 1.41E-04 | 1.64E-06 | 8.63E-05 | 1.78E-06 | 1.72E-06 | 1.67E-06 | 1.62E-06 |
| 167319.257362021390 | 167319.26 | 3909079.78 | FENCEGRD | 1.07E-04 | 1.02E-04 | 9.82E-05 | 9.46E-05 | 1.35E-06 | 7.42E-05 | 1.10E-06 | 1.08E-06 | 1.05E-06 | 1.03E-06 |
| 167309.573909162.59 | 167309.57 | 3909162.59 | FENCEGRD | 2.43E-04 | 2.32E-04 | 2.20E-04 | 2.11E-04 | 2.30E-06 | 9.87E-05 | 3.04E-06 | 2.93E-06 | 2.83E-06 | 2.74E-06 |
| 167309.573909185.91 | 167309.57 | 3909185.91 | FENCEGRD | 2.87E-04 | 2.74E-04 | 2.61E-04 | 2.51E-04 | 2.90E-06 | 1.05E-04 | 3.97E-06 | 3.83E-06 | 3.71E-06 | 3.59E-06 |
| 167309.573909209.23 | 167309.57 | 3909209.24 | FENCEGRD | 3.29E-04 | 3.16E-04 | 3.01E-04 | 2.89E-04 | 3.84E-06 | 1.11E-04 | 5.01E-06 | 4.86E-06 | 4.72E-06 | 4.58E-06 |
| 167309.573909232.55 | 167309.57 | 3909232.56 | FENCEGRD | 3.69E-04 | 3.55E-04 | 3.40E-04 | 3.27E-04 | 5.27E-06 | 1.16E-04 | 6.10E-06 | 5.93E-06 | 5.78E-06 | 5.63E-06 |
| 167309.573909255.87 | 167309.57 | 3909255.88 | FENCEGRD | 3.97E-04 | 3.84E-04 | 3.70E-04 | 3.57E-04 | 7.32E-06 | 1.17E-04 | 7.07E-06 | 6.90E-06 | 6.74E-06 | 6.58E-06 |
| 167309.573909279.2 | 167309.57 | 3909279.20 | FENCEGRD | 4.12E-04 | 4.02E-04 | 3.89E-04 | 3.78E-04 | 9.97E-06 | 1.16E-04 | 7.84E-06 | 7.68E-06 | 7.54E-06 | 7.39E-06 |
| 167262.669955847390 | 167262.67 | 3909120.23 | FENCEGRD | 1.52E-04 | 1.45E-04 | 1.38E-04 | 1.32E-04 | 1.77E-06 | 7.86E-05 | 1.78E-06 | 1.73E-06 | 1.68E-06 | 1.64E-06 |
| 167268.869867543909 | 167268.87 | 3909082.16 | FENCEGRD | 1.06E-04 | 1.02E-04 | 9.75E-05 | 9.38E-05 | 1.43E-06 | 6.76E-05 | 1.19E-06 | 1.16E-06 | 1.14E-06 | 1.12E-06 |
| 167259.573909162.59 | 167259.57 | 3909162.59 | FENCEGRD | 2.17E-04 | 2.07E-04 | 1.97E-04 | 1.88E-04 | 2.49E-06 | 9.12E-05 | 2.84E-06 | 2.74E-06 | 2.66E-06 | 2.58E-06 |
| 167259.573909185.91 | 167259.57 | 3909185.91 | FENCEGRD | 2.53E-04 | 2.42E-04 | 2.31E-04 | 2.21E-04 | 3.11E-06 | 9.77E-05 | 3.60E-06 | 3.49E-06 | 3.38E-06 | 3.29E-06 |
| 167259.573909209.23 | 167259.57 | 3909209.24 | FENCEGRD | 2.86E-04 | 2.74E-04 | 2.62E-04 | 2.52E-04 | 4.00E-06 | 1.03E-04 | 4.42E-06 | 4.29E-06 | 4.18E-06 | 4.07E-06 |
| 167259.573909232.55 | 167259.57 | 3909232.56 | FENCEGRD | 3.14E-04 | 3.03E-04 | 2.90E-04 | 2.79E-04 | 5.24E-06 | 1.06E-04 | 5.22E-06 | 5.09E-06 | 4.97E-06 | 4.85E-06 |
| 167259.573909255.87 | 167259.57 | 3909255.88 | FENCEGRD | 3.37E-04 | 3.26E-04 | 3.14E-04 | 3.03E-04 | 6.90E-06 | 1.08E-04 | 5.95E-06 | 5.81E-06 | 5.69E-06 | 5.57E-06 |
| 167259.573909279.2 | 167259.57 | 3909279.20 | FENCEGRD | 3.53E-04 | 3.43E-04 | 3.32E-04 | 3.22E-04 | 8.99E-06 | 1.07E-04 | 6.58E-06 | 6.45E-06 | 6.33E-06 | 6.21E-06 |
| 167163.014395385390 | 167163.01 | 3909118.12 | FENCEGRD | 1.24E-04 | 1.19E-04 | 1.14E-04 | 1.09E-04 | 1.97E-06 | 6.45E-05 | 1.66E-06 | 1.62E-06 | 1.59E-06 | 1.56E-06 |
| 167169.903186155390 | 167169.90 | 3909075.82 | FENCEGRD | 9.06E-05 | 8.72E-05 | 8.38E-05 | 8.09E-05 | 1.52E-06 | 5.52E-05 | 1.17E-06 | 1.15E-06 | 1.13E-06 | 1.11E-06 |
| 167176.791976925390 | 167176.79 | 3909033.51 | FENCEGRD | 6.70E-05 | 6.50E-05 | 6.30E-05 | 6.12E-05 | 1.26E-06 | 4.58E-05 | 8.39E-07 | 8.25E-07 | 8.14E-07 | 8.04E-07 |
| 167159.573909162.59 | 167159.57 | 3909162.59 | FENCEGRD | 1.67E-04 | 1.60E-04 | 1.53E-04 | 1.47E-04 | 2.75E-06 | 7.40E-05 | 2.43E-06 | 2.36E-06 | 2.30E-06 | 2.25E-06 |
| 167159.573909185.91 | 167159.57 | 3909185.91 | FENCEGRD | 1.89E-04 | 1.82E-04 | 1.75E-04 | 1.69E-04 | 3.33E-06 | 7.89E-05 | 2.93E-06 | 2.85E-06 | 2.79E-06 | 2.72E-06 |
| 167159.573909209.23 | 167159.57 | 3909209.24 | FENCEGRD | 2.10E-04 | 2.03E-04 | 1.95E-04 | 1.88E-04 | 4.07E-06 | 8.32E-05 | 3.47E-06 | 3.39E-06 | 3.31E-06 | 3.24E-06 |
| 167159.573909232.55 | 167159.57 | 3909232.56 | FENCEGRD | 2.29E-04 | 2.21E-04 | 2.13E-04 | 2.06E-04 | 5.02E-06 | 8.68E-05 | 4.00E-06 | 3.92E-06 | 3.84E-06 | 3.77E-06 |
| 167159.573909255.87 | 167159.57 | 3909255.88 | FENCEGRD | 2.46E-04 | 2.38E-04 | 2.30E-04 | 2.23E-04 | 6.22E-06 | 8.96E-05 | 4.51E-06 | 4.42E-06 | 4.34E-06 | 4.27E-06 |
| 167159.573909279.2 | 167159.57 | 3909279.20 | FENCEGRD | 2.61E-04 | 2.54E-04 | 2.45E-04 | 2.38E-04 | 7.67E-06 | 9.16E-05 | 4.97E-06 | 4.89E-06 | 4.81E-06 | 4.73E-06 |
| 167063.260423627390 | 167063.26 | 3909116.61 | FENCEGRD | 1.02E-04 | 9.79E-05 | 9.40E-05 | 9.08E-05 | 2.14E-06 | 5.36E-05 | 1.54E-06 | 1.50E-06 | 1.47E-06 | 1.45E-06 |
| 167066.950847254390 | 167066.95 | 3909093.95 | FENCEGRD | 8.88E-05 | 8.56E-05 | 8.23E-05 | 7.95E-05 | 1.85E-06 | 4.99E-05 | 1.32E-06 | 1.29E-06 | 1.27E-06 | 1.25E-06 |
| 167070.641270881390 | 167070.64 | 3909071.28 | FENCEGRD | 7.73E-05 | 7.46E-05 | 7.20E-05 | 6.97E-05 | 1.62E-06 | 4.61E-05 | 1.13E-06 | 1.11E-06 | 1.10E-06 | 1.08E-06 |
| 167074.331694508390 | 167074.33 | 3909048.62 | FENCEGRD | 6.74E-05 | 6.52E-05 | 6.31E-05 | 6.12E-05 | 1.43E-06 | 4.23E-05 | 9.78E-07 | 9.62E-07 | 9.48E-07 | 9.35E-07 |
| 167078.022118134390 | 167078.02 | 3909025.96 | FENCEGRD | 5.91E-05 | 5.74E-05 | 5.56E | | | | | | | |

Project Ground Level Concentrations-3rd Trimester

| | | | | 3rd Trimester GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 166881.269690926390 | 166881.27 | 3909006.02 | FENCEGRD | 4.34E-05 | 4.23E-05 | 4.13E-05 | 4.03E-05 | 1.32E-06 | 2.73E-05 | 7.54E-07 | 7.45E-07 | 7.37E-07 | 7.29E-07 |
| 166884.886306083908 | 166884.89 | 3908983.81 | FENCEGRD | 3.97E-05 | 3.88E-05 | 3.79E-05 | 3.71E-05 | 1.20E-06 | 2.51E-05 | 6.81E-07 | 6.73E-07 | 6.66E-07 | 6.60E-07 |
| 166888.502921235390 | 166888.50 | 3908961.60 | FENCEGRD | 3.65E-05 | 3.57E-05 | 3.49E-05 | 3.42E-05 | 1.09E-06 | 2.30E-05 | 6.15E-07 | 6.08E-07 | 6.02E-07 | 5.97E-07 |
| 166859.573909139.27 | 166859.57 | 3909139.27 | FENCEGRD | 7.77E-05 | 7.53E-05 | 7.29E-05 | 7.09E-05 | 2.48E-06 | 4.07E-05 | 1.44E-06 | 1.42E-06 | 1.39E-06 | 1.37E-06 |
| 166859.573909162.59 | 166859.57 | 3909162.59 | FENCEGRD | 8.60E-05 | 8.35E-05 | 8.08E-05 | 7.86E-05 | 2.79E-06 | 4.33E-05 | 1.63E-06 | 1.60E-06 | 1.57E-06 | 1.55E-06 |
| 166859.573909185.91 | 166859.57 | 3909185.91 | FENCEGRD | 9.46E-05 | 9.19E-05 | 8.91E-05 | 8.66E-05 | 3.14E-06 | 4.59E-05 | 1.84E-06 | 1.81E-06 | 1.78E-06 | 1.75E-06 |
| 166859.573909209.23 | 166859.57 | 3909209.24 | FENCEGRD | 1.03E-04 | 1.00E-04 | 9.73E-05 | 9.47E-05 | 3.55E-06 | 4.86E-05 | 2.07E-06 | 2.04E-06 | 2.01E-06 | 1.98E-06 |
| 166859.573909232.55 | 166859.57 | 3909232.56 | FENCEGRD | 1.11E-04 | 1.08E-04 | 1.05E-04 | 1.02E-04 | 4.03E-06 | 5.11E-05 | 2.31E-06 | 2.28E-06 | 2.24E-06 | 2.21E-06 |
| 166859.573909255.87 | 166859.57 | 3909255.88 | FENCEGRD | 1.18E-04 | 1.15E-04 | 1.12E-04 | 1.09E-04 | 4.59E-06 | 5.36E-05 | 2.55E-06 | 2.51E-06 | 2.48E-06 | 2.45E-06 |
| 166859.573909279.2 | 166859.57 | 3909279.20 | FENCEGRD | 1.24E-04 | 1.21E-04 | 1.18E-04 | 1.15E-04 | 5.23E-06 | 5.58E-05 | 2.77E-06 | 2.73E-06 | 2.70E-06 | 2.67E-06 |
| 167540.497012865390 | 167540.50 | 3909215.75 | | 2.21E-04 | 2.27E-04 | 2.35E-04 | 2.41E-04 | 8.63E-06 | 1.41E-04 | 1.80E-05 | 1.80E-05 | 1.79E-05 | 1.74E-05 |
| 167541.642759649390 | 167541.64 | 3909179.96 | | 1.73E-04 | 1.70E-04 | 1.71E-04 | 1.71E-04 | 7.02E-06 | 1.37E-04 | 1.21E-05 | 1.10E-05 | 9.93E-06 | 8.92E-06 |
| 167537.739545029390 | 167537.74 | 3909149.96 | | 1.09E-04 | 1.07E-04 | 1.06E-04 | 1.04E-04 | 5.85E-06 | 1.32E-04 | 5.48E-06 | 4.67E-06 | 3.99E-06 | 3.52E-06 |
| 167536.333909120.68 | 167536.33 | 3909120.68 | | 5.67E-05 | 5.54E-05 | 5.52E-05 | 5.50E-05 | 5.34E-06 | 1.27E-04 | 1.89E-06 | 1.68E-06 | 1.52E-06 | 1.41E-06 |
| 167536.333909106.64 | 167536.33 | 3909106.64 | | 4.29E-05 | 4.30E-05 | 4.40E-05 | 4.49E-05 | 5.20E-06 | 1.23E-04 | 1.27E-06 | 1.19E-06 | 1.12E-06 | 1.07E-06 |
| 167534.583909076.82 | 167534.58 | 3909076.82 | | 3.73E-05 | 3.79E-05 | 3.90E-05 | 3.99E-05 | 4.82E-06 | 1.16E-04 | 8.68E-07 | 8.41E-07 | 8.14E-07 | 7.92E-07 |
| 167559.143909104.89 | 167559.14 | 3909104.89 | | 3.66E-05 | 3.69E-05 | 3.74E-05 | 3.80E-05 | 7.46E-06 | 1.35E-04 | 1.54E-06 | 1.43E-06 | 1.34E-06 | 1.26E-06 |
| 167557.393909075.06 | 167557.39 | 3909075.06 | | 3.61E-05 | 3.63E-05 | 3.64E-05 | 3.66E-05 | 6.50E-06 | 1.23E-04 | 1.19E-06 | 1.13E-06 | 1.07E-06 | 1.03E-06 |
| 167589.843909052.25 | 167589.84 | 3909052.25 | | 5.94E-05 | 5.05E-05 | 4.43E-05 | 4.14E-05 | 9.53E-06 | 1.40E-04 | 2.39E-06 | 2.18E-06 | 2.00E-06 | 1.85E-06 |
| 167615.283909003.13 | 167615.28 | 3909003.13 | | 1.86E-04 | 1.51E-04 | 1.20E-04 | 1.02E-04 | 1.03E-05 | 1.40E-04 | 3.15E-06 | 2.91E-06 | 2.70E-06 | 2.52E-06 |
| 167542.473909053.13 | 167542.47 | 3909053.13 | | 3.62E-05 | 3.66E-05 | 3.73E-05 | 3.82E-05 | 5.09E-06 | 1.11E-04 | 8.94E-07 | 8.63E-07 | 8.31E-07 | 8.04E-07 |
| 167566.163909006.64 | 167566.16 | 3909006.64 | | 4.98E-05 | 4.70E-05 | 4.47E-05 | 4.36E-05 | 5.91E-06 | 1.03E-04 | 1.31E-06 | 1.24E-06 | 1.18E-06 | 1.12E-06 |
| 167539.753909198.46 | 167539.75 | 3909198.46 | | 2.04E-04 | 2.07E-04 | 2.11E-04 | 2.14E-04 | 7.27E-06 | 1.38E-04 | 1.53E-05 | 1.46E-05 | 1.39E-05 | 1.30E-05 |
| 167537.083909134.72 | 167537.08 | 3909134.72 | | 7.90E-05 | 7.67E-05 | 7.55E-05 | 7.42E-05 | 5.57E-06 | 1.30E-04 | 3.17E-06 | 2.72E-06 | 2.35E-06 | 2.11E-06 |
| 167535.553909092.74 | 167535.55 | 3909092.74 | | 3.82E-05 | 3.90E-05 | 4.02E-05 | 4.13E-05 | 5.01E-06 | 1.20E-04 | 1.00E-06 | 9.59E-07 | 9.20E-07 | 8.91E-07 |
| 167558.453909089.69 | 167558.45 | 3909089.69 | | 3.59E-05 | 3.62E-05 | 3.67E-05 | 3.70E-05 | 6.95E-06 | 1.28E-04 | 1.29E-06 | 1.22E-06 | 1.16E-06 | 1.11E-06 |
| 167553.493909032.06 | 167553.49 | 3909032.06 | | 3.78E-05 | 3.75E-05 | 3.76E-05 | 3.80E-05 | 5.49E-06 | 1.07E-04 | 1.06E-06 | 1.01E-06 | 9.60E-07 | 9.19E-07 |
| 167601.963909028.24 | 167601.96 | 3909028.24 | | 1.17E-04 | 9.15E-05 | 7.20E-05 | 6.19E-05 | 9.95E-06 | 1.40E-04 | 2.79E-06 | 2.57E-06 | 2.37E-06 | 2.20E-06 |

Project Ground Level Concentrations-0<2

| | | | | 0<2 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167603.820034585390 | 167603.82 | 3909302.48 | FENCEGRD | 1.88E-04 | 1.93E-04 | 2.02E-04 | 2.11E-04 | 4.56E-05 | 5.71E-05 | 4.06E-06 | 4.21E-06 | 4.38E-06 | 4.57E-06 |
| 167615.268534585390 | 167615.27 | 3909280.72 | FENCEGRD | 1.79E-04 | 1.84E-04 | 1.89E-04 | 1.94E-04 | 5.38E-05 | 5.76E-05 | 3.97E-06 | 4.15E-06 | 4.36E-06 | 4.56E-06 |
| 167626.717034585390 | 167626.72 | 3909258.96 | FENCEGRD | 1.65E-04 | 1.69E-04 | 1.71E-04 | 1.72E-04 | 6.00E-05 | 5.90E-05 | 4.15E-06 | 4.36E-06 | 4.59E-06 | 4.83E-06 |
| 167638.165534585390 | 167638.17 | 3909237.19 | FENCEGRD | 1.39E-04 | 1.43E-04 | 1.46E-04 | 1.47E-04 | 6.44E-05 | 6.16E-05 | 4.60E-06 | 4.81E-06 | 5.06E-06 | 5.34E-06 |
| 167649.614034585390 | 167649.61 | 3909215.43 | FENCEGRD | 1.11E-04 | 1.12E-04 | 1.14E-04 | 1.16E-04 | 6.67E-05 | 6.71E-05 | 5.84E-06 | 6.08E-06 | 6.33E-06 | 6.68E-06 |
| 167661.062534585390 | 167661.06 | 3909193.67 | FENCEGRD | 1.08E-04 | 1.01E-04 | 9.61E-05 | 9.54E-05 | 6.55E-05 | 7.66E-05 | 8.33E-06 | 8.75E-06 | 9.17E-06 | 9.72E-06 |
| 167672.511034585390 | 167672.51 | 3909171.91 | FENCEGRD | 1.08E-04 | 9.90E-05 | 8.93E-05 | 8.28E-05 | 6.17E-05 | 8.91E-05 | 1.16E-05 | 1.23E-05 | 1.31E-05 | 1.41E-05 |
| 167683.959534585390 | 167683.96 | 3909150.15 | FENCEGRD | 1.21E-04 | 1.11E-04 | 9.95E-05 | 9.12E-05 | 5.68E-05 | 1.02E-04 | 1.50E-05 | 1.60E-05 | 1.73E-05 | 1.87E-05 |
| 167695.408034585390 | 167695.41 | 3909128.39 | FENCEGRD | 1.70E-04 | 1.74E-04 | 1.81E-04 | 2.04E-04 | 5.21E-05 | 1.14E-04 | 1.80E-05 | 1.92E-05 | 2.08E-05 | 2.25E-05 |
| 167706.856534585390 | 167706.86 | 3909106.63 | FENCEGRD | 3.90E-04 | 4.59E-04 | 5.62E-04 | 7.00E-04 | 4.82E-05 | 1.25E-04 | 2.00E-05 | 2.12E-05 | 2.26E-05 | 2.40E-05 |
| 167718.305034585390 | 167718.31 | 3909084.86 | FENCEGRD | 7.29E-04 | 8.60E-04 | 1.02E-03 | 1.18E-03 | 4.56E-05 | 1.35E-04 | 2.08E-05 | 2.16E-05 | 2.25E-05 | 2.31E-05 |
| 167729.753534585390 | 167729.75 | 3909063.10 | FENCEGRD | 1.06E-03 | 1.18E-03 | 1.31E-03 | 1.40E-03 | 4.31E-05 | 1.46E-04 | 2.05E-05 | 2.09E-05 | 2.12E-05 | 2.13E-05 |
| 167741.202034585390 | 167741.20 | 3909041.34 | FENCEGRD | 1.24E-03 | 1.33E-03 | 1.40E-03 | 1.45E-03 | 4.07E-05 | 1.56E-04 | 1.94E-05 | 1.96E-05 | 1.96E-05 | 1.95E-05 |
| 167752.650534585390 | 167752.65 | 3909019.58 | FENCEGRD | 1.30E-03 | 1.35E-03 | 1.38E-03 | 1.39E-03 | 3.84E-05 | 1.65E-04 | 1.82E-05 | 1.82E-05 | 1.80E-05 | 1.78E-05 |
| 167764.099034585390 | 167764.10 | 3908997.82 | FENCEGRD | 1.27E-03 | 1.29E-03 | 1.30E-03 | 1.29E-03 | 3.60E-05 | 1.74E-04 | 1.68E-05 | 1.67E-05 | 1.65E-05 | 1.62E-05 |
| 167775.547534585390 | 167775.55 | 3908976.06 | FENCEGRD | 1.19E-03 | 1.19E-03 | 1.19E-03 | 1.17E-03 | 3.35E-05 | 1.82E-04 | 1.55E-05 | 1.53E-05 | 1.50E-05 | 1.48E-05 |
| 167786.996034585390 | 167787.00 | 3908954.30 | FENCEGRD | 1.09E-03 | 1.08E-03 | 1.07E-03 | 1.05E-03 | 3.14E-05 | 1.90E-04 | 1.43E-05 | 1.41E-05 | 1.38E-05 | 1.36E-05 |
| 167798.444534585390 | 167798.44 | 3908932.53 | FENCEGRD | 9.82E-04 | 9.68E-04 | 9.50E-04 | 9.31E-04 | 2.89E-05 | 1.97E-04 | 1.31E-05 | 1.28E-05 | 1.26E-05 | 1.24E-05 |
| 167809.893034585390 | 167809.89 | 3908910.77 | FENCEGRD | 8.86E-04 | 8.70E-04 | 8.50E-04 | 8.31E-04 | 2.70E-05 | 2.05E-04 | 1.20E-05 | 1.18E-05 | 1.16E-05 | 1.14E-05 |
| 167821.341534585390 | 167821.34 | 3908889.01 | FENCEGRD | 7.93E-04 | 7.75E-04 | 7.55E-04 | 7.37E-04 | 2.48E-05 | 2.17E-04 | 1.11E-05 | 1.09E-05 | 1.06E-05 | 1.05E-05 |
| 167832.790034585390 | 167832.79 | 3908867.25 | FENCEGRD | 7.14E-04 | 6.98E-04 | 6.80E-04 | 6.63E-04 | 2.34E-05 | 2.32E-04 | 1.03E-05 | 1.01E-05 | 9.93E-06 | 9.75E-06 |
| 167583.765368876390 | 167583.77 | 3909333.07 | FENCEGRD | 1.96E-04 | 2.05E-04 | 2.18E-04 | 2.32E-04 | 3.32E-05 | 5.86E-05 | 4.29E-06 | 4.42E-06 | 4.58E-06 | 4.75E-06 |
| 167625.945051877390 | 167625.95 | 3909314.12 | FENCEGRD | 1.92E-04 | 1.99E-04 | 2.05E-04 | 2.09E-04 | 3.12E-05 | 4.98E-05 | 3.39E-06 | 3.53E-06 | 3.68E-06 | 3.81E-06 |
| 167637.393551877390 | 167637.39 | 3909292.36 | FENCEGRD | 1.82E-04 | 1.92E-04 | 2.01E-04 | 2.06E-04 | 3.86E-05 | 5.05E-05 | 3.37E-06 | 3.51E-06 | 3.66E-06 | 3.82E-06 |
| 167648.842051877390 | 167648.84 | 3909270.60 | FENCEGRD | 1.65E-04 | 1.76E-04 | 1.87E-04 | 1.95E-04 | 4.55E-05 | 5.19E-05 | 3.58E-06 | 3.69E-06 | 3.83E-06 | 3.98E-06 |
| 167660.290551877390 | 167660.29 | 3909248.83 | FENCEGRD | 1.43E-04 | 1.48E-04 | 1.55E-04 | 1.62E-04 | 5.08E-05 | 5.36E-05 | 3.94E-06 | 4.03E-06 | 4.13E-06 | 4.26E-06 |
| 167671.739051877390 | 167671.74 | 3909227.07 | FENCEGRD | 1.49E-04 | 1.46E-04 | 1.43E-04 | 1.42E-04 | 5.55E-05 | 5.68E-05 | 4.72E-06 | 4.83E-06 | 4.93E-06 | 5.06E-06 |
| 167683.187551877390 | 167683.19 | 3909205.31 | FENCEGRD | 1.82E-04 | 1.77E-04 | 1.66E-04 | 1.55E-04 | 5.82E-05 | 6.24E-05 | 6.04E-06 | 6.24E-06 | 6.44E-06 | 6.68E-06 |
| 167694.636051877390 | 167694.64 | 3909183.55 | FENCEGRD | 1.96E-04 | 1.94E-04 | 1.87E-04 | 1.78E-04 | 5.86E-05 | 7.07E-05 | 7.97E-06 | 8.32E-06 | 8.67E-06 | 9.11E-06 |
| 167706.084551877390 | 167706.08 | 3909161.79 | FENCEGRD | 2.05E-04 | 2.02E-04 | 1.93E-04 | 1.82E-04 | 5.67E-05 | 8.05E-05 | 1.03E-05 | 1.09E-05 | 1.15E-05 | 1.22E-05 |
| 167717.533051877390 | 167717.53 | 3909140.03 | FENCEGRD | 2.34E-04 | 2.37E-04 | 2.37E-04 | 2.37E-04 | 5.37E-05 | 9.10E-05 | 1.29E-05 | 1.37E-05 | 1.45E-05 | 1.55E-05 |
| 167728.981551877390 | 167728.98 | 3909118.27 | FENCEGRD | 3.07E-04 | 3.35E-04 | 3.67E-04 | 4.14E-04 | 5.06E-05 | 9.99E-05 | 1.51E-05 | 1.59E-05 | 1.69E-05 | 1.79E-05 |
| 167740.430051877390 | 167740.43 | 3909096.50 | FENCEGRD | 4.81E-04 | 5.44E-04 | 6.26E-04 | 7.21E-04 | 4.83E-05 | 1.09E-04 | 1.68E-05 | 1.76E-05 | 1.85E-05 | 1.94E-05 |
| 167751.878551877390 | 167751.88 | 3909074.74 | FENCEGRD | 7.21E-04 | 8.15E-04 | 9.28E-04 | 1.04E-03 | 4.60E-05 | 1.20E-04 | 1.78E-05 | 1.85E-05 | 1.92E-05 | 1.99E-05 |
| 167763.327051877390 | 167763.33 | 3909052.98 | FENCEGRD | 9.46E-04 | 1.04E-03 | 1.15E-03 | 1.23E-03 | 4.40E-05 | 1.30E-04 | 1.82E-05 | 1.87E-05 | 1.91E-05 | 1.95E-05 |
| 167774.775551877390 | 167774.78 | 3909031.22 | FENCEGRD | 1.08E-03 | 1.16E-03 | 1.24E-03 | 1.30E-03 | 4.12E-05 | 1.40E-04 | 1.78E-05 | 1.81E-05 | 1.83E-05 | 1.85E-05 |
| 167786.224051877390 | 167786.22 | 3909009.46 | FENCEGRD | 1.13E-03 | 1.18E-03 | 1.23E-03 | 1.27E-03 | 3.82E-05 | 1.48E-04 | 1.70E-05 | 1.71E-05 | 1.72E-05 | 1.72E-05 |
| 167797.672551877390 | 167797.67 | 3908987.70 | FENCEGRD | 1.10E-03 | 1.13E-03 | 1.16E-03 | 1.17E-03 | 3.49E-05 | 1.57E-04 | 1.59E-05 | 1.59E-05 | 1.59E-05 | 1.57E-05 |
| 167809.121051877390 | 167809.12 | 3908965.94 | FENCEGRD | 1.05E-03 | 1.07E-03 | 1.07E-03 | 1.07E-03 | 3.22E-05 | 1.66E-04 | 1.49E-05 | 1.48E-05 | 1.46E-05 | 1.45E-05 |
| 167820.569551877390 | 167820.57 | 3908944.17 | FENCEGRD | 9.79E-04 | 9.82E-04 | 9.78E-04 | 9.67E-04 | 2.94E-05 | 1.78E-04 | 1.39E-05 | 1.37E-05 | 1.35E-05 | 1.33E-05 |
| 167832.018051877390 | 167832.02 | 3908922.41 | FENCEGRD | 8.95E-04 | 8.91E-04 | 8.81E-04 | 8.67E-04 | 2.72E-05 | 1.94E-04 | 1.30E-05 | 1.28E-05 | 1.26E-05 | 1.24E-05 |
| 167843.466551877390 | 167843.47 | 3908900.65 | FENCEGRD | 7.92E-04 | 7.85E-04 | 7.74E-04 | 7.60E-04 | 2.54E-05 | 2.14E-04 | 1.22E-05 | 1.20E-05 | 1.18E-05 | 1.16E-05 |
| 167854.915051877390 | 167854.92 | 3908878.89 | FENCEGRD | 6.93E-04 | 6.85E-04 | 6.74E-04 | 6.62E-04 | 2.39E-05 | 2.32E-04 | 1.15E-05 | 1.13E-05 | 1.11E-05 | 1.08E-05 |
| 167610.577017612390 | 167610.58 | 3909342.60 | FENCEGRD | 1.87E-04 | 1.91E-04 | 1.96E-04 | 2.01E-04 | 2.11E-05 | 4.98E-05 | 3.61E-06 | 3.71E-06 | 3.82E-06 | 3.92E-06 |
| 167554.337440276390 | 167554.34 | 3909367.86 | FENCEGRD | 2.19E-04 | 2.33E-04 | 2.52E-04 | 2.71E-04 | 2.28E-05 | 6.13E-05 | 4.56E-06 | 4.74E-06 | 4.93E-06 | 5.13E-06 |
| 167648.070069173909 | 167648.07 | 3909325.76 | FENCEGRD | 1.69E-04 | 1.81E-04 | 1.94E-04 | 2.04E-04 | 2.33E-05 | 4.54E-05 | 2.99E-06 | 3.09E-06 | 3.22E-06 | 3.34E-06 |
| 167659.518569173909 | 167659.52 | 3909304.00 | FENCEGRD | 1.59E-04 | 1.70E-04 | 1.85E-04 | 1.97E-04 | 2.86E-05 | 4.62E-05 | 3.09E-06 | 3.17E-06 | 3.27E-06 | 3.38E-06 |
| 167670.967069173909 | 167670.97 | 3909282.24 | FENCEGRD | 1.48E-04 | 1.56E-04 | 1.67E-04 | 1.77E-04 | 3.42E-05 | 4.73E-05 | 3.34E-06 | 3.39E-06 | 3.46E-06 | 3.53E-06 |
| 167682.415569173909 | 167682.42 | 3909260.47 | FENCEGRD | 1.49E-04 | 1.50E-04 | 1.52E-04 | 1.55E-04 | 3.95E-05 | 4.85E-05 | 3.67E-06 | 3.72E-06 | 3.77E-06 | 3.83E-06 |
| 167693.864069173909 | 167693.86 | 3909238.71 | FENCEGRD | 1.73E-04 | 1.70E-04 | 1.65E-04 | 1.60E-04 | 4.45E-05 | 5.03E-05 | 4.14E-06 | 4.21E-06 | 4.28E-06 | 4.36E-06 |
| 167705.312569173909 | 167705.31 | 3909216.95 | FENCEGRD | 2.12E-04 | 2.16E-04 | 2.17E-04 | 2.15E-04 | 4.95E-05 | 5.45E-05 | 4.97E-06 | 5.10E-06 | 5.22E-06 | 5.37E-06 |
| 167716.761069173909 | 167716.76 | 3909195.19 | FENCEGRD | 2.21E-04 | 2.26E-04 | 2.29E-04 | 2.30E-04 | 5.23E-05 | 6.01E-05 | 6.14E-06 | 6.34E-06 | 6.54E-06 | 6.77E-06 |
| 167728.209569173909 | 167728.21 | 3909173.43 | FENCEGRD | 2.23E-04 | 2.26E-04 | 2.26E-04 | 2.24E-04 | 5.27E-05 | 6.60E-05 | 7.54E-06 | 7.83E-06 | 8.13E-06 | 8.48E-06 |
| 167739.658069173909 | 167739.66 | 3909151.67 | FENCEGRD | 2.23E-04 | 2.26E-04 | 2.26E-04 | 2.25E-04 | 5.17E-05 | 7.27E-05 | 9.22E-06 | 9.63E-06 | 1.01E-05 | 1.06E-05 |
| 167751.106569173909 | 167751.11 | 3909129.91 | FENCEGRD | 2.56E-04 | 2.70E-04 | 2.85E-04 | 3.03E-04 | 5.02E-05 | 8.06E-05 | 1.11E-05 | 1.16E-05 | 1.23E-05 | 1.29E-05 |
| 167762.555069173909 | 167762.56 | 3909108.14 | FENCEGRD | 3.54E-04 | 3.89E-04 | 4.30E-04 | 4.79E-04 | 4.86E-05 | 8.92E-05 | 1.29E-05 | 1.35E-05 | 1.42E-05 | 1.49E-05 |
| 167774.003569173909 | 167774.00 | 3909086.38 | FENCEGRD | 5.05E-04 | 5.63E-04 | 6.36E-04 | 7.12E-04 | 4.69E-05 | 9.85E-05 | 1.44E-05 | 1.51E-05 | 1.58E-05 | 1.64E-05 |
| 167785.452069173909 | 167785.45 | 3909064.62 | FENCEGRD | 6.76E-04 | 7.52E-04 | 8.45E-04 | 9.34E-04 | 4.51E-05 | 1.08E-04 | 1.55E-05 | 1.61E-05 | 1.67E-05 | 1.72E-05 |
| 167796.900569173909 | 167796.90 | 3909042.86 | FENCEGRD | 8.27E-04 | 9.04E-04 | 9.92E-04 | 1.07E-03 | 4.24E-05 | 1.17E-04 | 1.60E-05 | 1.64E-05 | 1.69E-05 | 1.72E-05 |
| 167808.349069173909 | 167808.35 | 3909021.10 | FENCEGRD | 9.23E-04 | 9.87E-04 | 1.06E-03 | 1.11E-03 | 3.94E-05 | 1.26E-04 | 1.59E-05 | 1.62E-05 | 1.65E-05 | 1.67E-05 |
| 167819.797569173908 | 167819.80 | 3908999.34 | FENCEGRD | 9.67E-04 | 1.02E-03 | 1.06E-03 | 1.10E-03 | 3.62E-05 | 1.37E-04 | 1.56E-05 | 1.57E-05 | 1.59E-05 | 1.60E-05 |
| 167831.246069173908 | 167831.25 | 3908977.57 | FENCEGRD | 9.66E-04 | 1.00E-03 | 1.04 | | | | | | | |

Project Ground Level Concentrations-0<2

| | | | | 0<2 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167818.253603755390 | 167818.25 | 3909109.66 | FENCEGRD | 3.09E-04 | 3.33E-04 | 3.61E-04 | 3.89E-04 | 4.26E-05 | 6.98E-05 | 9.09E-06 | 9.42E-06 | 9.78E-06 | 1.02E-05 |
| 167829.702103755390 | 167829.70 | 3909087.90 | FENCEGRD | 3.85E-04 | 4.17E-04 | 4.55E-04 | 4.95E-04 | 4.22E-05 | 7.67E-05 | 1.03E-05 | 1.06E-05 | 1.11E-05 | 1.15E-05 |
| 167841.150603755390 | 167841.15 | 3909066.14 | FENCEGRD | 4.71E-04 | 5.12E-04 | 5.63E-04 | 6.13E-04 | 4.11E-05 | 8.47E-05 | 1.14E-05 | 1.18E-05 | 1.22E-05 | 1.26E-05 |
| 167852.599103755390 | 167852.60 | 3909044.38 | FENCEGRD | 5.58E-04 | 6.07E-04 | 6.67E-04 | 7.22E-04 | 3.96E-05 | 9.42E-05 | 1.23E-05 | 1.27E-05 | 1.31E-05 | 1.35E-05 |
| 167864.047603755390 | 167864.05 | 3909022.62 | FENCEGRD | 6.23E-04 | 6.78E-04 | 7.41E-04 | 7.97E-04 | 3.80E-05 | 1.07E-04 | 1.32E-05 | 1.35E-05 | 1.39E-05 | 1.42E-05 |
| 167875.496103755390 | 167875.50 | 3909000.85 | FENCEGRD | 5.90E-04 | 6.40E-04 | 6.99E-04 | 7.49E-04 | 3.68E-05 | 1.23E-04 | 1.41E-05 | 1.44E-05 | 1.47E-05 | 1.50E-05 |
| 167886.944603755390 | 167886.94 | 3908979.09 | FENCEGRD | 4.55E-04 | 4.90E-04 | 5.33E-04 | 5.70E-04 | 3.50E-05 | 1.33E-04 | 1.41E-05 | 1.44E-05 | 1.47E-05 | 1.49E-05 |
| 167898.393103755390 | 167898.39 | 3908957.33 | FENCEGRD | 4.26E-04 | 4.54E-04 | 4.87E-04 | 5.17E-04 | 3.27E-05 | 1.39E-04 | 1.36E-05 | 1.38E-05 | 1.41E-05 | 1.43E-05 |
| 167909.841603755390 | 167909.84 | 3908935.57 | FENCEGRD | 4.27E-04 | 4.51E-04 | 4.79E-04 | 5.02E-04 | 3.06E-05 | 1.45E-04 | 1.31E-05 | 1.33E-05 | 1.34E-05 | 1.36E-05 |
| 167921.290103755390 | 167921.29 | 3908913.81 | FENCEGRD | 4.77E-04 | 4.98E-04 | 5.23E-04 | 5.43E-04 | 2.90E-05 | 1.55E-04 | 1.27E-05 | 1.28E-05 | 1.29E-05 | 1.29E-05 |
| 167716.119382945390 | 167716.12 | 3909381.50 | FENCEGRD | 3.18E-05 | 3.38E-05 | 3.68E-05 | 3.98E-05 | 1.15E-05 | 2.98E-05 | 2.08E-06 | 2.11E-06 | 2.14E-06 | 2.18E-06 |
| 167675.217872155390 | 167675.22 | 3909399.88 | FENCEGRD | 7.18E-05 | 7.79E-05 | 8.61E-05 | 9.38E-05 | 1.27E-05 | 3.48E-05 | 2.24E-06 | 2.31E-06 | 2.39E-06 | 2.48E-06 |
| 167634.316361365390 | 167634.32 | 3909418.25 | FENCEGRD | 1.37E-04 | 1.42E-04 | 1.48E-04 | 1.53E-04 | 1.06E-05 | 3.89E-05 | 2.73E-06 | 2.81E-06 | 2.89E-06 | 2.97E-06 |
| 167593.414850576390 | 167593.41 | 3909436.62 | FENCEGRD | 1.45E-04 | 1.48E-04 | 1.53E-04 | 1.57E-04 | 9.62E-06 | 4.23E-05 | 3.06E-06 | 3.10E-06 | 3.14E-06 | 3.18E-06 |
| 167552.513339786390 | 167552.51 | 3909454.99 | FENCEGRD | 1.57E-04 | 1.64E-04 | 1.73E-04 | 1.81E-04 | 1.20E-05 | 4.60E-05 | 3.25E-06 | 3.32E-06 | 3.41E-06 | 3.50E-06 |
| 167387.213968908390 | 167387.21 | 3909314.50 | FENCEGRD | 5.25E-04 | 5.32E-04 | 5.35E-04 | 5.37E-04 | 2.48E-05 | 1.37E-04 | 1.26E-05 | 1.26E-05 | 1.27E-05 | 1.26E-05 |
| 167373.391984454390 | 167373.39 | 3909296.85 | FENCEGRD | 5.64E-04 | 5.63E-04 | 5.58E-04 | 5.52E-04 | 1.88E-05 | 1.46E-04 | 1.26E-05 | 1.25E-05 | 1.23E-05 | 1.22E-05 |
| 167748.018638343909 | 167748.02 | 3909350.56 | FENCEGRD | 3.65E-05 | 3.77E-05 | 3.97E-05 | 4.18E-05 | 1.29E-05 | 3.12E-05 | 2.49E-06 | 2.52E-06 | 2.55E-06 | 2.58E-06 |
| 167759.467138343909 | 167759.47 | 3909328.79 | FENCEGRD | 4.16E-05 | 4.26E-05 | 4.42E-05 | 4.60E-05 | 1.47E-05 | 3.26E-05 | 2.72E-06 | 2.77E-06 | 2.81E-06 | 2.85E-06 |
| 167770.915638343909 | 167770.92 | 3909307.03 | FENCEGRD | 5.08E-05 | 5.27E-05 | 5.52E-05 | 5.78E-05 | 1.70E-05 | 3.43E-05 | 2.93E-06 | 2.99E-06 | 3.05E-06 | 3.11E-06 |
| 167782.364138343909 | 167782.36 | 3909285.27 | FENCEGRD | 7.61E-05 | 8.02E-05 | 8.57E-05 | 9.12E-05 | 1.96E-05 | 3.69E-05 | 3.17E-06 | 3.23E-06 | 3.29E-06 | 3.35E-06 |
| 167793.812638343909 | 167793.81 | 3909263.51 | FENCEGRD | 1.06E-04 | 1.12E-04 | 1.20E-04 | 1.27E-04 | 2.22E-05 | 3.86E-05 | 3.34E-06 | 3.40E-06 | 3.46E-06 | 3.52E-06 |
| 167805.261138343909 | 167805.26 | 3909241.75 | FENCEGRD | 1.32E-04 | 1.39E-04 | 1.48E-04 | 1.55E-04 | 2.46E-05 | 3.99E-05 | 3.49E-06 | 3.55E-06 | 3.61E-06 | 3.68E-06 |
| 167816.709638343909 | 167816.71 | 3909219.99 | FENCEGRD | 1.44E-04 | 1.51E-04 | 1.60E-04 | 1.69E-04 | 2.74E-05 | 4.19E-05 | 3.78E-06 | 3.86E-06 | 3.93E-06 | 4.01E-06 |
| 167828.158138343909 | 167828.16 | 3909198.23 | FENCEGRD | 1.51E-04 | 1.59E-04 | 1.69E-04 | 1.78E-04 | 3.00E-05 | 4.46E-05 | 4.25E-06 | 4.35E-06 | 4.44E-06 | 4.54E-06 |
| 167839.606638343909 | 167839.61 | 3909176.46 | FENCEGRD | 1.64E-04 | 1.73E-04 | 1.83E-04 | 1.93E-04 | 3.21E-05 | 4.78E-05 | 4.85E-06 | 4.97E-06 | 5.10E-06 | 5.23E-06 |
| 167851.055138343909 | 167851.06 | 3909154.70 | FENCEGRD | 1.80E-04 | 1.90E-04 | 2.03E-04 | 2.15E-04 | 3.37E-05 | 5.12E-05 | 5.52E-06 | 5.67E-06 | 5.84E-06 | 6.01E-06 |
| 167862.503638343909 | 167862.50 | 3909132.94 | FENCEGRD | 2.09E-04 | 2.23E-04 | 2.40E-04 | 2.57E-04 | 3.47E-05 | 5.48E-05 | 6.24E-06 | 6.42E-06 | 6.61E-06 | 6.81E-06 |
| 167873.952138343909 | 167873.95 | 3909111.18 | FENCEGRD | 2.50E-04 | 2.69E-04 | 2.91E-04 | 3.12E-04 | 3.54E-05 | 5.91E-05 | 7.00E-06 | 7.20E-06 | 7.43E-06 | 7.66E-06 |
| 167885.400638343909 | 167885.40 | 3909089.42 | FENCEGRD | 2.97E-04 | 3.19E-04 | 3.45E-04 | 3.70E-04 | 3.58E-05 | 6.45E-05 | 7.82E-06 | 8.05E-06 | 8.31E-06 | 8.57E-06 |
| 167896.849138343909 | 167896.85 | 3909067.66 | FENCEGRD | 3.40E-04 | 3.66E-04 | 3.96E-04 | 4.26E-04 | 3.58E-05 | 7.15E-05 | 8.69E-06 | 8.96E-06 | 9.24E-06 | 9.54E-06 |
| 167908.297638343909 | 167908.30 | 3909045.90 | FENCEGRD | 3.73E-04 | 4.03E-04 | 4.40E-04 | 4.75E-04 | 3.55E-05 | 7.95E-05 | 9.55E-06 | 9.84E-06 | 1.02E-05 | 1.05E-05 |
| 167919.746138343909 | 167919.75 | 3909024.13 | FENCEGRD | 3.98E-04 | 4.31E-04 | 4.73E-04 | 5.11E-04 | 3.49E-05 | 8.80E-05 | 1.03E-05 | 1.06E-05 | 1.09E-05 | 1.12E-05 |
| 167931.194638343909 | 167931.19 | 3909002.37 | FENCEGRD | 4.19E-04 | 4.53E-04 | 4.95E-04 | 5.32E-04 | 3.40E-05 | 9.59E-05 | 1.08E-05 | 1.11E-05 | 1.14E-05 | 1.17E-05 |
| 167942.643138343908 | 167942.64 | 3908980.61 | FENCEGRD | 4.45E-04 | 4.77E-04 | 5.16E-04 | 5.50E-04 | 3.29E-05 | 1.03E-04 | 1.11E-05 | 1.14E-05 | 1.16E-05 | 1.18E-05 |
| 167954.091638343908 | 167954.09 | 3908958.85 | FENCEGRD | 4.75E-04 | 5.04E-04 | 5.38E-04 | 5.67E-04 | 3.17E-05 | 1.09E-04 | 1.12E-05 | 1.14E-05 | 1.16E-05 | 1.18E-05 |
| 167965.540138343908 | 167965.54 | 3908937.09 | FENCEGRD | 5.02E-04 | 5.26E-04 | 5.55E-04 | 5.79E-04 | 3.05E-05 | 1.14E-04 | 1.11E-05 | 1.12E-05 | 1.14E-05 | 1.15E-05 |
| 167759.189566257390 | 167759.19 | 3909405.31 | FENCEGRD | 1.58E-05 | 1.57E-05 | 1.57E-05 | 1.58E-05 | 5.18E-06 | 1.56E-05 | 1.06E-06 | 1.08E-06 | 1.09E-06 | 1.10E-06 |
| 167737.558959589390 | 167737.56 | 3909415.03 | FENCEGRD | 1.65E-05 | 1.68E-05 | 1.73E-05 | 1.78E-05 | 6.43E-06 | 1.88E-05 | 1.22E-06 | 1.24E-06 | 1.25E-06 | 1.27E-06 |
| 167715.928352922390 | 167715.93 | 3909424.75 | FENCEGRD | 2.46E-05 | 2.59E-05 | 2.79E-05 | 2.98E-05 | 8.50E-06 | 2.41E-05 | 1.51E-06 | 1.54E-06 | 1.57E-06 | 1.60E-06 |
| 167694.297746254390 | 167694.30 | 3909434.46 | FENCEGRD | 5.12E-05 | 5.50E-05 | 6.02E-05 | 6.51E-05 | 9.96E-06 | 2.94E-05 | 1.82E-06 | 1.87E-06 | 1.92E-06 | 1.98E-06 |
| 167672.667139586390 | 167672.67 | 3909444.18 | FENCEGRD | 8.61E-05 | 9.22E-05 | 9.98E-05 | 1.07E-04 | 9.64E-06 | 3.23E-05 | 2.04E-06 | 2.10E-06 | 2.18E-06 | 2.25E-06 |
| 167651.036532919390 | 167651.04 | 3909453.89 | FENCEGRD | 1.11E-04 | 1.17E-04 | 1.24E-04 | 1.29E-04 | 8.68E-06 | 3.41E-05 | 2.28E-06 | 2.34E-06 | 2.42E-06 | 2.49E-06 |
| 167629.405926251390 | 167629.41 | 3909463.61 | FENCEGRD | 1.24E-04 | 1.28E-04 | 1.32E-04 | 1.35E-04 | 7.99E-06 | 3.58E-05 | 2.52E-06 | 2.58E-06 | 2.63E-06 | 2.69E-06 |
| 167607.775319583390 | 167607.78 | 3909473.33 | FENCEGRD | 1.28E-04 | 1.31E-04 | 1.33E-04 | 1.36E-04 | 7.93E-06 | 3.75E-05 | 2.71E-06 | 2.75E-06 | 2.78E-06 | 2.82E-06 |
| 167586.144712916390 | 167586.14 | 3909483.04 | FENCEGRD | 1.29E-04 | 1.32E-04 | 1.36E-04 | 1.40E-04 | 8.60E-06 | 3.89E-05 | 2.79E-06 | 2.82E-06 | 2.85E-06 | 2.88E-06 |
| 167564.514106248390 | 167564.51 | 3909492.76 | FENCEGRD | 1.33E-04 | 1.38E-04 | 1.44E-04 | 1.49E-04 | 9.90E-06 | 4.04E-05 | 2.83E-06 | 2.87E-06 | 2.92E-06 | 2.97E-06 |
| 167542.883499583909 | 167542.88 | 3909502.47 | FENCEGRD | 1.43E-04 | 1.49E-04 | 1.56E-04 | 1.63E-04 | 1.11E-05 | 4.26E-05 | 2.98E-06 | 3.04E-06 | 3.11E-06 | 3.19E-06 |
| 167521.252892913390 | 167521.25 | 3909512.19 | FENCEGRD | 1.58E-04 | 1.65E-04 | 1.75E-04 | 1.83E-04 | 1.23E-05 | 4.62E-05 | 3.29E-06 | 3.37E-06 | 3.46E-06 | 3.55E-06 |
| 167411.905846443909 | 167411.91 | 3909409.89 | FENCEGRD | 3.53E-04 | 3.58E-04 | 3.63E-04 | 3.67E-04 | 4.29E-05 | 9.48E-05 | 7.83E-06 | 7.93E-06 | 8.05E-06 | 8.16E-06 |
| 167397.286439805390 | 167397.29 | 3909391.22 | FENCEGRD | 3.80E-04 | 3.87E-04 | 3.94E-04 | 4.00E-04 | 4.29E-05 | 1.02E-04 | 8.81E-06 | 8.94E-06 | 9.09E-06 | 9.24E-06 |
| 167382.667033171390 | 167382.67 | 3909372.55 | FENCEGRD | 4.17E-04 | 4.26E-04 | 4.34E-04 | 4.41E-04 | 3.91E-05 | 1.12E-04 | 1.00E-05 | 1.02E-05 | 1.04E-05 | 1.05E-05 |
| 167368.047626537390 | 167368.05 | 3909353.88 | FENCEGRD | 4.61E-04 | 4.69E-04 | 4.76E-04 | 4.80E-04 | 3.31E-05 | 1.22E-04 | 1.12E-05 | 1.13E-05 | 1.14E-05 | 1.14E-05 |
| 167353.428219903390 | 167353.43 | 3909335.21 | FENCEGRD | 5.05E-04 | 5.10E-04 | 5.11E-04 | 5.10E-04 | 2.68E-05 | 1.32E-04 | 1.18E-05 | 1.18E-05 | 1.18E-05 | 1.18E-05 |
| 167338.808813268390 | 167338.81 | 3909316.54 | FENCEGRD | 5.35E-04 | 5.32E-04 | 5.26E-04 | 5.20E-04 | 2.11E-05 | 1.40E-04 | 1.17E-05 | 1.16E-05 | 1.15E-05 | 1.14E-05 |
| 167324.189406634390 | 167324.19 | 3909297.87 | FENCEGRD | 5.35E-04 | 5.27E-04 | 5.15E-04 | 5.04E-04 | 1.63E-05 | 1.44E-04 | 1.09E-05 | 1.08E-05 | 1.06E-05 | 1.04E-05 |
| 167780.820172925390 | 167780.82 | 3909395.60 | FENCEGRD | 1.68E-05 | 1.66E-05 | 1.63E-05 | 1.61E-05 | 4.47E-06 | 1.36E-05 | 9.66E-07 | 9.78E-07 | 9.88E-07 | 9.98E-07 |
| 167792.268672925390 | 167792.27 | 3909373.84 | FENCEGRD | 1.86E-05 | 1.83E-05 | 1.79E-05 | 1.77E-05 | 5.06E-06 | 1.43E-05 | 1.08E-06 | 1.09E-06 | 1.11E-06 | 1.12E-06 |
| 167803.717172925390 | 167803.72 | 3909352.07 | FENCEGRD | 2.00E-05 | 1.99E-05 | 1.97E-05 | 1.95E-05 | 5.96E-06 | 1.56E-05 | 1.22E-06 | 1.24E-06 | 1.26E-06 | 1.29E-06 |
| 167815.165672925390 | 167815.17 | 3909330.31 | FENCEGRD | 2.08E-05 | 2.08E-05 | 2.09E-05 | 2.09E-05 | 7.99E-06 | 1.88E-05 | 1.54E-06 | 1.57E-06 | 1.60E-06 | 1.64E-06 |
| 167826.614172925390 | 167826.61 | 3909308.55 | FENCEGRD | 2.56E-05 | 2.61E-05 | 2.68E-05 | 2.75E-05 | 1.13E-05 | 2.44E-05 | 2.07E-06 | 2.11E-06 | 2.15E-06 | 2.19E-06 |
| 167838.062672925390 | 167838.06 | 3909286.79 | FENCEGRD | 4.03E-05 | 4.18E-05 | 4.39 | | | | | | | |

Project Ground Level Concentrations-0<2

| | | | | 0<2 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167656.351475502390 | 167656.35 | 3909494.66 | FENCEGRD | 9.80E-05 | 1.03E-04 | 1.08E-04 | 1.13E-04 | 7.15E-06 | 3.12E-05 | 2.06E-06 | 2.12E-06 | 2.18E-06 | 2.23E-06 |
| 167635.261634001390 | 167635.26 | 3909504.14 | FENCEGRD | 1.08E-04 | 1.12E-04 | 1.15E-04 | 1.18E-04 | 6.87E-06 | 3.27E-05 | 2.30E-06 | 2.35E-06 | 2.40E-06 | 2.44E-06 |
| 167614.171792539095 | 167614.17 | 3909513.61 | FENCEGRD | 1.12E-04 | 1.15E-04 | 1.17E-04 | 1.19E-04 | 7.03E-06 | 3.40E-05 | 2.48E-06 | 2.51E-06 | 2.54E-06 | 2.57E-06 |
| 167593.081950999390 | 167593.08 | 3909523.08 | FENCEGRD | 1.14E-04 | 1.16E-04 | 1.19E-04 | 1.22E-04 | 7.75E-06 | 3.51E-05 | 2.55E-06 | 2.57E-06 | 2.59E-06 | 2.61E-06 |
| 167571.992109498390 | 167571.99 | 3909532.55 | FENCEGRD | 1.17E-04 | 1.20E-04 | 1.24E-04 | 1.28E-04 | 8.76E-06 | 3.63E-05 | 2.56E-06 | 2.59E-06 | 2.61E-06 | 2.65E-06 |
| 167550.902267997390 | 167550.90 | 3909542.03 | FENCEGRD | 1.23E-04 | 1.28E-04 | 1.33E-04 | 1.39E-04 | 9.67E-06 | 3.79E-05 | 2.63E-06 | 2.67E-06 | 2.72E-06 | 2.77E-06 |
| 167529.812426496390 | 167529.81 | 3909551.50 | FENCEGRD | 1.34E-04 | 1.40E-04 | 1.47E-04 | 1.53E-04 | 1.04E-05 | 4.05E-05 | 2.82E-06 | 2.88E-06 | 2.95E-06 | 3.01E-06 |
| 167508.722584995390 | 167508.72 | 3909560.97 | FENCEGRD | 1.49E-04 | 1.56E-04 | 1.64E-04 | 1.72E-04 | 1.17E-05 | 4.43E-05 | 3.16E-06 | 3.24E-06 | 3.32E-06 | 3.40E-06 |
| 167416.363136152390 | 167416.36 | 3909479.43 | FENCEGRD | 2.86E-04 | 2.91E-04 | 2.95E-04 | 2.98E-04 | 2.77E-05 | 7.77E-05 | 6.19E-06 | 6.26E-06 | 6.34E-06 | 6.41E-06 |
| 167402.109214684390 | 167402.11 | 3909461.23 | FENCEGRD | 3.05E-04 | 3.09E-04 | 3.12E-04 | 3.15E-04 | 3.23E-05 | 8.39E-05 | 6.67E-06 | 6.74E-06 | 6.81E-06 | 6.88E-06 |
| 167387.855293216390 | 167387.86 | 3909443.03 | FENCEGRD | 3.25E-04 | 3.29E-04 | 3.33E-04 | 3.36E-04 | 3.72E-05 | 8.94E-05 | 7.25E-06 | 7.32E-06 | 7.41E-06 | 7.50E-06 |
| 167373.601371747390 | 167373.60 | 3909424.82 | FENCEGRD | 3.50E-04 | 3.55E-04 | 3.60E-04 | 3.65E-04 | 3.99E-05 | 9.60E-05 | 8.03E-06 | 8.13E-06 | 8.25E-06 | 8.36E-06 |
| 167359.347450279390 | 167359.35 | 3909406.62 | FENCEGRD | 3.75E-04 | 3.82E-04 | 3.89E-04 | 3.95E-04 | 3.91E-05 | 1.02E-04 | 8.90E-06 | 9.03E-06 | 9.16E-06 | 9.29E-06 |
| 167345.093528813909 | 167345.09 | 3909388.42 | FENCEGRD | 4.06E-04 | 4.14E-04 | 4.20E-04 | 4.26E-04 | 3.59E-05 | 1.10E-04 | 9.81E-06 | 9.92E-06 | 1.00E-05 | 1.01E-05 |
| 167330.839607342390 | 167330.84 | 3909370.21 | FENCEGRD | 4.40E-04 | 4.46E-04 | 4.50E-04 | 4.53E-04 | 3.13E-05 | 1.17E-04 | 1.05E-05 | 1.06E-05 | 1.06E-05 | 1.07E-05 |
| 167316.585685874390 | 167316.59 | 3909352.01 | FENCEGRD | 4.67E-04 | 4.69E-04 | 4.69E-04 | 4.68E-04 | 2.63E-05 | 1.24E-04 | 1.07E-05 | 1.07E-05 | 1.07E-05 | 1.07E-05 |
| 167302.331764405390 | 167302.33 | 3909333.81 | FENCEGRD | 4.84E-04 | 4.82E-04 | 4.76E-04 | 4.71E-04 | 2.16E-05 | 1.31E-04 | 1.06E-05 | 1.05E-05 | 1.04E-05 | 1.03E-05 |
| 167288.077842937390 | 167288.08 | 3909315.61 | FENCEGRD | 4.85E-04 | 4.78E-04 | 4.68E-04 | 4.59E-04 | 1.75E-05 | 1.34E-04 | 9.99E-06 | 9.86E-06 | 9.73E-06 | 9.59E-06 |
| 167273.823921468390 | 167273.82 | 3909297.40 | FENCEGRD | 4.69E-04 | 4.59E-04 | 4.46E-04 | 4.35E-04 | 1.41E-05 | 1.35E-04 | 9.16E-06 | 9.00E-06 | 8.85E-06 | 8.70E-06 |
| 167825.070207513909 | 167825.07 | 3909418.88 | FENCEGRD | 1.82E-05 | 1.80E-05 | 1.77E-05 | 1.75E-05 | 1.81E-06 | 6.53E-06 | 4.55E-07 | 4.57E-07 | 4.59E-07 | 4.61E-07 |
| 167836.518707513909 | 167836.52 | 3909397.12 | FENCEGRD | 1.96E-05 | 1.95E-05 | 1.94E-05 | 1.92E-05 | 1.94E-06 | 6.64E-06 | 4.76E-07 | 4.80E-07 | 4.83E-07 | 4.87E-07 |
| 167847.967207513909 | 167847.97 | 3909375.35 | FENCEGRD | 1.99E-05 | 1.99E-05 | 2.00E-05 | 2.00E-05 | 2.17E-06 | 7.02E-06 | 5.15E-07 | 5.20E-07 | 5.25E-07 | 5.30E-07 |
| 167859.415707509390 | 167859.42 | 3909353.59 | FENCEGRD | 1.92E-05 | 1.93E-05 | 1.94E-05 | 1.95E-05 | 2.92E-06 | 8.42E-06 | 6.42E-07 | 6.50E-07 | 6.58E-07 | 6.66E-07 |
| 167870.864207509390 | 167870.86 | 3909331.83 | FENCEGRD | 1.88E-05 | 1.88E-05 | 1.89E-05 | 1.89E-05 | 4.95E-06 | 1.23E-05 | 9.98E-07 | 1.02E-06 | 1.03E-06 | 1.05E-06 |
| 167882.312707509390 | 167882.31 | 3909310.07 | FENCEGRD | 2.04E-05 | 2.05E-05 | 2.07E-05 | 2.08E-05 | 7.68E-06 | 1.75E-05 | 1.48E-06 | 1.50E-06 | 1.53E-06 | 1.56E-06 |
| 167893.761207509390 | 167893.76 | 3909288.31 | FENCEGRD | 2.46E-05 | 2.49E-05 | 2.54E-05 | 2.59E-05 | 9.59E-06 | 2.05E-05 | 1.75E-06 | 1.79E-06 | 1.82E-06 | 1.85E-06 |
| 167905.209707509390 | 167905.21 | 3909266.55 | FENCEGRD | 2.56E-05 | 2.59E-05 | 2.64E-05 | 2.69E-05 | 1.05E-05 | 2.09E-05 | 1.79E-06 | 1.82E-06 | 1.86E-06 | 1.89E-06 |
| 167916.658207509390 | 167916.66 | 3909244.78 | FENCEGRD | 2.60E-05 | 2.63E-05 | 2.67E-05 | 2.72E-05 | 1.15E-05 | 2.15E-05 | 1.86E-06 | 1.90E-06 | 1.94E-06 | 1.98E-06 |
| 167928.106707509390 | 167928.11 | 3909223.02 | FENCEGRD | 3.04E-05 | 3.10E-05 | 3.19E-05 | 3.28E-05 | 1.36E-05 | 2.46E-05 | 2.18E-06 | 2.23E-06 | 2.27E-06 | 2.32E-06 |
| 167939.555207509390 | 167939.56 | 3909201.26 | FENCEGRD | 4.01E-05 | 4.14E-05 | 4.31E-05 | 4.48E-05 | 1.60E-05 | 2.90E-05 | 2.62E-06 | 2.68E-06 | 2.74E-06 | 2.80E-06 |
| 167951.003707513909 | 167951.00 | 3909179.50 | FENCEGRD | 5.26E-05 | 5.48E-05 | 5.78E-05 | 6.08E-05 | 1.82E-05 | 3.33E-05 | 3.11E-06 | 3.19E-06 | 3.26E-06 | 3.34E-06 |
| 167962.452207513909 | 167962.45 | 3909157.74 | FENCEGRD | 6.85E-05 | 7.22E-05 | 7.71E-05 | 8.20E-05 | 2.00E-05 | 3.74E-05 | 3.61E-06 | 3.71E-06 | 3.80E-06 | 3.89E-06 |
| 167973.900707513909 | 167973.90 | 3909135.98 | FENCEGRD | 8.91E-05 | 9.45E-05 | 1.01E-04 | 1.08E-04 | 2.16E-05 | 4.13E-05 | 4.10E-06 | 4.21E-06 | 4.31E-06 | 4.42E-06 |
| 167985.349207513909 | 167985.35 | 3909114.22 | FENCEGRD | 1.11E-04 | 1.18E-04 | 1.27E-04 | 1.36E-04 | 2.29E-05 | 4.49E-05 | 4.55E-06 | 4.66E-06 | 4.78E-06 | 4.90E-06 |
| 167996.797707513909 | 167996.80 | 3909092.45 | FENCEGRD | 1.40E-04 | 1.49E-04 | 1.61E-04 | 1.72E-04 | 2.40E-05 | 4.86E-05 | 4.99E-06 | 5.11E-06 | 5.23E-06 | 5.35E-06 |
| 168008.246207513909 | 168008.25 | 3909070.69 | FENCEGRD | 1.74E-04 | 1.84E-04 | 1.98E-04 | 2.10E-04 | 2.49E-05 | 5.22E-05 | 5.40E-06 | 5.53E-06 | 5.66E-06 | 5.79E-06 |
| 168019.694707513909 | 168019.69 | 3909048.93 | FENCEGRD | 2.03E-04 | 2.15E-04 | 2.29E-04 | 2.42E-04 | 2.55E-05 | 5.58E-05 | 5.81E-06 | 5.95E-06 | 6.09E-06 | 6.23E-06 |
| 168031.143207513909 | 168031.14 | 3909027.17 | FENCEGRD | 2.29E-04 | 2.41E-04 | 2.57E-04 | 2.72E-04 | 2.59E-05 | 5.95E-05 | 6.23E-06 | 6.37E-06 | 6.53E-06 | 6.69E-06 |
| 168042.591707513909 | 168042.59 | 3909005.41 | FENCEGRD | 2.54E-04 | 2.68E-04 | 2.86E-04 | 3.03E-04 | 2.62E-05 | 6.35E-05 | 6.65E-06 | 6.80E-06 | 6.97E-06 | 7.14E-06 |
| 168054.040207513908 | 168054.04 | 3908983.65 | FENCEGRD | 2.81E-04 | 2.97E-04 | 3.17E-04 | 3.35E-04 | 2.65E-05 | 6.77E-05 | 7.07E-06 | 7.23E-06 | 7.40E-06 | 7.56E-06 |
| 167892.145675789390 | 167892.15 | 3909475.06 | FENCEGRD | 1.84E-05 | 1.84E-05 | 1.83E-05 | 1.83E-05 | 1.40E-06 | 5.14E-06 | 3.81E-07 | 3.83E-07 | 3.84E-07 | 3.86E-07 |
| 167870.721074939094 | 167870.72 | 3909484.68 | FENCEGRD | 1.73E-05 | 1.72E-05 | 1.70E-05 | 1.68E-05 | 1.40E-06 | 5.24E-06 | 3.79E-07 | 3.80E-07 | 3.81E-07 | 3.82E-07 |
| 167849.296474013909 | 167849.30 | 3909494.31 | FENCEGRD | 1.58E-05 | 1.57E-05 | 1.55E-05 | 1.54E-05 | 1.41E-06 | 5.41E-06 | 3.72E-07 | 3.72E-07 | 3.72E-07 | 3.71E-07 |
| 167827.871873123909 | 167827.87 | 3909503.93 | FENCEGRD | 1.47E-05 | 1.46E-05 | 1.45E-05 | 1.45E-05 | 1.45E-06 | 5.74E-06 | 3.63E-07 | 3.64E-07 | 3.63E-07 | 3.63E-07 |
| 167806.447272233909 | 167806.45 | 3909513.55 | FENCEGRD | 1.40E-05 | 1.40E-05 | 1.41E-05 | 1.41E-05 | 1.64E-06 | 6.62E-06 | 3.79E-07 | 3.80E-07 | 3.81E-07 | 3.82E-07 |
| 167785.022671343909 | 167785.02 | 3909523.18 | FENCEGRD | 1.39E-05 | 1.41E-05 | 1.42E-05 | 1.44E-05 | 2.28E-06 | 8.88E-06 | 4.82E-07 | 4.87E-07 | 4.91E-07 | 4.96E-07 |
| 167763.598070453909 | 167763.60 | 3909532.80 | FENCEGRD | 1.52E-05 | 1.56E-05 | 1.61E-05 | 1.66E-05 | 3.49E-06 | 1.27E-05 | 6.95E-07 | 7.07E-07 | 7.17E-07 | 7.30E-07 |
| 167742.173469563909 | 167742.17 | 3909542.42 | FENCEGRD | 2.17E-05 | 2.26E-05 | 2.40E-05 | 2.52E-05 | 4.76E-06 | 1.71E-05 | 9.59E-07 | 9.80E-07 | 1.00E-06 | 1.02E-06 |
| 167720.748868671390 | 167720.75 | 3909552.05 | FENCEGRD | 3.33E-05 | 3.52E-05 | 3.76E-05 | 4.00E-05 | 5.44E-06 | 2.06E-05 | 1.20E-06 | 1.23E-06 | 1.26E-06 | 1.29E-06 |
| 167699.324267781390 | 167699.32 | 3909561.67 | FENCEGRD | 4.58E-05 | 4.84E-05 | 5.19E-05 | 5.51E-05 | 5.53E-06 | 2.31E-05 | 1.41E-06 | 1.44E-06 | 1.48E-06 | 1.52E-06 |
| 167677.899666891390 | 167677.90 | 3909571.29 | FENCEGRD | 5.69E-05 | 6.01E-05 | 6.42E-05 | 6.77E-05 | 5.42E-06 | 2.49E-05 | 1.61E-06 | 1.65E-06 | 1.70E-06 | 1.75E-06 |
| 167656.475066001390 | 167656.48 | 3909580.92 | FENCEGRD | 6.79E-05 | 7.11E-05 | 7.48E-05 | 7.78E-05 | 5.46E-06 | 2.65E-05 | 1.83E-06 | 1.87E-06 | 1.92E-06 | 1.96E-06 |
| 167635.050465111390 | 167635.05 | 3909590.54 | FENCEGRD | 8.08E-05 | 8.33E-05 | 8.59E-05 | 8.80E-05 | 5.77E-06 | 2.80E-05 | 2.02E-06 | 2.06E-06 | 2.10E-06 | 2.13E-06 |
| 167613.625864221390 | 167613.63 | 3909600.17 | FENCEGRD | 8.82E-05 | 8.98E-05 | 9.15E-05 | 9.30E-05 | 6.30E-06 | 2.90E-05 | 2.14E-06 | 2.16E-06 | 2.18E-06 | 2.20E-06 |
| 167592.201263331390 | 167592.20 | 3909609.79 | FENCEGRD | 9.24E-05 | 9.39E-05 | 9.58E-05 | 9.76E-05 | 6.96E-06 | 2.99E-05 | 2.17E-06 | 2.18E-06 | 2.19E-06 | 2.20E-06 |
| 167570.776662442390 | 167570.78 | 3909619.41 | FENCEGRD | 9.74E-05 | 9.95E-05 | 1.02E-04 | 1.05E-04 | 7.67E-06 | 3.12E-05 | 2.19E-06 | 2.21E-06 | 2.23E-06 | 2.25E-06 |
| 167549.352061552390 | 167549.35 | 3909629.04 | FENCEGRD | 1.05E-04 | 1.08E-04 | 1.12E-04 | 1.16E-04 | 8.41E-06 | 3.32E-05 | 2.29E-06 | 2.32E-06 | 2.35E-06 | 2.39E-06 |
| 167527.927460662390 | 167527.93 | 3909638.66 | FENCEGRD | 1.15E-04 | 1.20E-04 | 1.25E-04 | 1.30E-04 | 9.28E-06 | 3.60E-05 | 2.49E-06 | 2.54E-06 | 2.59E-06 | 2.64E-06 |
| 167518.002116919390 | 167518.00 | 3909600.16 | FENCEGRD | 1.30E-04 | 1.35E-04 | 1.42E-04 | 1.48E-04 | 1.02E-05 | 3.96E-05 | 2.77E-06 | 2.82E-06 | 2.89E-06 | 2.95E-06 |
| 167385.289837416390 | 167385.29 | 3909619.12 | FENCEGRD | 1.81E-04 | 1.84E-04 | 1.87E-04 | 1.89E-04 | 1.56E-05 | 5.58E-05 | 4.11E-06 | 4.15E-06 | 4.19E-06 | 4.24E-06 |
| 167391.252787042390 | 167391.25 | 3909575.07 | FENCEGRD | 2.12E-04 | 2.16E-04 | 2.19E-04 | 2.22E-04 | 1.87E-05 | 6.32E-05 | 4.76E-06 | 4.81E-06 | 4.87E-06 | 4.92E-06 |
| 167376.772612852390 | 167376.77 | 3909556.58 | FENCEGRD | 2.31E-04 | 2.35E-04 | 2.38 | | | | | | | |

Project Ground Level Concentrations-0<2

| | | | | 0<2 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.158276679390 | 168005.16 | 3909291.34 | FENCEGRD | 2.08E-05 | 2.09E-05 | 2.11E-05 | 2.12E-05 | 4.32E-06 | 1.06E-05 | 8.38E-07 | 8.51E-07 | 8.62E-07 | 8.74E-07 |
| 168016.606776679390 | 168016.61 | 3909269.58 | FENCEGRD | 2.25E-05 | 2.28E-05 | 2.31E-05 | 2.34E-05 | 6.22E-06 | 1.45E-05 | 1.16E-06 | 1.18E-06 | 1.19E-06 | 1.21E-06 |
| 168028.055276679390 | 168028.06 | 3909247.82 | FENCEGRD | 2.77E-05 | 2.82E-05 | 2.89E-05 | 2.97E-05 | 8.10E-06 | 1.86E-05 | 1.49E-06 | 1.51E-06 | 1.54E-06 | 1.56E-06 |
| 168039.503776679390 | 168039.50 | 3909226.06 | FENCEGRD | 3.46E-05 | 3.56E-05 | 3.68E-05 | 3.79E-05 | 9.63E-06 | 2.19E-05 | 1.77E-06 | 1.80E-06 | 1.83E-06 | 1.86E-06 |
| 168050.952276679390 | 168050.95 | 3909204.30 | FENCEGRD | 4.24E-05 | 4.38E-05 | 4.56E-05 | 4.73E-05 | 1.10E-05 | 2.49E-05 | 2.05E-06 | 2.09E-06 | 2.12E-06 | 2.16E-06 |
| 168062.400776679390 | 168062.40 | 3909182.54 | FENCEGRD | 5.23E-05 | 5.43E-05 | 5.70E-05 | 5.97E-05 | 1.22E-05 | 2.78E-05 | 2.35E-06 | 2.40E-06 | 2.44E-06 | 2.49E-06 |
| 168073.849276679390 | 168073.85 | 3909160.77 | FENCEGRD | 6.47E-05 | 6.77E-05 | 7.14E-05 | 7.51E-05 | 1.33E-05 | 3.04E-05 | 2.67E-06 | 2.72E-06 | 2.77E-06 | 2.83E-06 |
| 168085.297776679390 | 168085.30 | 3909139.01 | FENCEGRD | 7.97E-05 | 8.35E-05 | 8.82E-05 | 9.27E-05 | 1.43E-05 | 3.29E-05 | 2.98E-06 | 3.04E-06 | 3.09E-06 | 3.15E-06 |
| 168096.746276679390 | 168096.75 | 3909117.25 | FENCEGRD | 9.57E-05 | 1.00E-04 | 1.06E-04 | 1.12E-04 | 1.53E-05 | 3.52E-05 | 3.26E-06 | 3.33E-06 | 3.39E-06 | 3.45E-06 |
| 168108.194776679390 | 168108.19 | 3909095.49 | FENCEGRD | 1.14E-04 | 1.19E-04 | 1.26E-04 | 1.33E-04 | 1.63E-05 | 3.74E-05 | 3.53E-06 | 3.60E-06 | 3.66E-06 | 3.73E-06 |
| 168119.643276679390 | 168119.64 | 3909073.73 | FENCEGRD | 1.31E-04 | 1.38E-04 | 1.45E-04 | 1.52E-04 | 1.72E-05 | 3.97E-05 | 3.78E-06 | 3.85E-06 | 3.92E-06 | 3.99E-06 |
| 168131.091776679390 | 168131.09 | 3909051.97 | FENCEGRD | 1.48E-04 | 1.55E-04 | 1.63E-04 | 1.70E-04 | 1.81E-05 | 4.21E-05 | 4.03E-06 | 4.10E-06 | 4.17E-06 | 4.25E-06 |
| 168142.540276679390 | 168142.54 | 3909030.21 | FENCEGRD | 1.63E-04 | 1.70E-04 | 1.78E-04 | 1.86E-04 | 1.89E-05 | 4.46E-05 | 4.29E-06 | 4.37E-06 | 4.45E-06 | 4.53E-06 |
| 167980.439739182390 | 167980.44 | 3909521.71 | FENCEGRD | 1.74E-05 | 1.75E-05 | 1.77E-05 | 1.78E-05 | 1.27E-06 | 4.70E-06 | 3.49E-07 | 3.51E-07 | 3.53E-07 | 3.55E-07 |
| 167958.809132514390 | 167958.81 | 3909531.43 | FENCEGRD | 1.75E-05 | 1.76E-05 | 1.76E-05 | 1.77E-05 | 1.25E-06 | 4.65E-06 | 3.49E-07 | 3.51E-07 | 3.52E-07 | 3.54E-07 |
| 167937.178525846390 | 167937.18 | 3909541.14 | FENCEGRD | 1.70E-05 | 1.70E-05 | 1.70E-05 | 1.69E-05 | 1.24E-06 | 4.64E-06 | 3.49E-07 | 3.50E-07 | 3.51E-07 | 3.52E-07 |
| 167915.547919179390 | 167915.55 | 3909550.86 | FENCEGRD | 1.60E-05 | 1.59E-05 | 1.58E-05 | 1.57E-05 | 1.23E-06 | 4.67E-06 | 3.44E-07 | 3.45E-07 | 3.45E-07 | 3.45E-07 |
| 167893.917312511390 | 167893.92 | 3909560.58 | FENCEGRD | 1.48E-05 | 1.47E-05 | 1.46E-05 | 1.45E-05 | 1.24E-06 | 4.77E-06 | 3.36E-07 | 3.37E-07 | 3.36E-07 | 3.36E-07 |
| 167872.286705843390 | 167872.29 | 3909570.29 | FENCEGRD | 1.38E-05 | 1.37E-05 | 1.37E-05 | 1.37E-05 | 1.29E-06 | 5.05E-06 | 3.31E-07 | 3.31E-07 | 3.31E-07 | 3.31E-07 |
| 167850.656099176390 | 167850.66 | 3909580.01 | FENCEGRD | 1.32E-05 | 1.32E-05 | 1.32E-05 | 1.32E-05 | 1.48E-06 | 5.90E-06 | 3.53E-07 | 3.55E-07 | 3.55E-07 | 3.56E-07 |
| 167829.025492508390 | 167829.03 | 3909589.72 | FENCEGRD | 1.29E-05 | 1.30E-05 | 1.31E-05 | 1.32E-05 | 2.00E-06 | 7.71E-06 | 4.38E-07 | 4.42E-07 | 4.44E-07 | 4.48E-07 |
| 167807.394885843909 | 167807.39 | 3909599.44 | FENCEGRD | 1.39E-05 | 1.42E-05 | 1.45E-05 | 1.48E-05 | 2.82E-06 | 1.05E-05 | 5.83E-07 | 5.91E-07 | 5.97E-07 | 6.04E-07 |
| 167785.764279173390 | 167785.76 | 3909609.16 | FENCEGRD | 1.85E-05 | 1.92E-05 | 2.01E-05 | 2.09E-05 | 3.72E-06 | 1.38E-05 | 7.68E-07 | 7.80E-07 | 7.92E-07 | 8.05E-07 |
| 167764.133672505390 | 167764.13 | 3909618.87 | FENCEGRD | 2.77E-05 | 2.90E-05 | 3.07E-05 | 3.22E-05 | 4.30E-06 | 1.69E-05 | 9.47E-07 | 9.64E-07 | 9.82E-07 | 1.00E-06 |
| 167742.503065837390 | 167742.50 | 3909628.59 | FENCEGRD | 3.87E-05 | 4.05E-05 | 4.29E-05 | 4.50E-05 | 4.38E-06 | 1.92E-05 | 1.09E-06 | 1.11E-06 | 1.14E-06 | 1.16E-06 |
| 167720.872459173909 | 167720.87 | 3909638.30 | FENCEGRD | 4.87E-05 | 5.10E-05 | 5.38E-05 | 5.64E-05 | 4.24E-06 | 2.08E-05 | 1.22E-06 | 1.24E-06 | 1.27E-06 | 1.30E-06 |
| 167699.241852502390 | 167699.24 | 3909648.02 | FENCEGRD | 5.77E-05 | 6.02E-05 | 6.34E-05 | 6.62E-05 | 4.16E-06 | 2.21E-05 | 1.35E-06 | 1.38E-06 | 1.41E-06 | 1.44E-06 |
| 167677.611245834390 | 167677.61 | 3909657.74 | FENCEGRD | 6.62E-05 | 6.88E-05 | 7.19E-05 | 7.44E-05 | 4.26E-06 | 2.33E-05 | 1.49E-06 | 1.52E-06 | 1.55E-06 | 1.59E-06 |
| 167655.980639167390 | 167655.98 | 3909667.45 | FENCEGRD | 7.37E-05 | 7.61E-05 | 7.86E-05 | 8.06E-05 | 4.56E-06 | 2.44E-05 | 1.64E-06 | 1.67E-06 | 1.70E-06 | 1.72E-06 |
| 167634.350032499390 | 167634.35 | 3909677.17 | FENCEGRD | 7.99E-05 | 8.17E-05 | 8.37E-05 | 8.52E-05 | 5.07E-06 | 2.56E-05 | 1.78E-06 | 1.80E-06 | 1.82E-06 | 1.84E-06 |
| 167612.719425831390 | 167612.72 | 3909686.88 | FENCEGRD | 8.36E-05 | 8.51E-05 | 8.67E-05 | 8.83E-05 | 5.75E-06 | 2.67E-05 | 1.89E-06 | 1.90E-06 | 1.92E-06 | 1.93E-06 |
| 167591.088819164390 | 167591.09 | 3909696.60 | FENCEGRD | 8.74E-05 | 8.90E-05 | 9.11E-05 | 9.31E-05 | 6.56E-06 | 2.80E-05 | 1.98E-06 | 1.99E-06 | 2.01E-06 | 2.02E-06 |
| 167569.458212496390 | 167569.46 | 3909706.32 | FENCEGRD | 9.32E-05 | 9.54E-05 | 9.82E-05 | 1.01E-04 | 7.49E-06 | 2.98E-05 | 2.10E-06 | 2.12E-06 | 2.14E-06 | 2.16E-06 |
| 167547.827605829390 | 167547.83 | 3909716.03 | FENCEGRD | 9.77E-05 | 1.00E-04 | 1.04E-04 | 1.08E-04 | 8.16E-06 | 3.14E-05 | 2.20E-06 | 2.23E-06 | 2.26E-06 | 2.29E-06 |
| 167482.935785826390 | 167482.94 | 3909745.18 | FENCEGRD | 1.06E-04 | 1.08E-04 | 1.09E-04 | 1.11E-04 | 7.84E-06 | 3.53E-05 | 2.36E-06 | 2.37E-06 | 2.40E-06 | 2.42E-06 |
| 167461.305179158390 | 167461.31 | 3909754.90 | FENCEGRD | 1.05E-04 | 1.06E-04 | 1.08E-04 | 1.09E-04 | 7.83E-06 | 3.50E-05 | 2.35E-06 | 2.37E-06 | 2.40E-06 | 2.42E-06 |
| 167425.055165856390 | 167425.06 | 3909745.94 | FENCEGRD | 1.12E-04 | 1.14E-04 | 1.15E-04 | 1.17E-04 | 8.82E-06 | 3.75E-05 | 2.57E-06 | 2.60E-06 | 2.63E-06 | 2.65E-06 |
| 167410.435759222390 | 167410.44 | 3909727.27 | FENCEGRD | 1.20E-04 | 1.22E-04 | 1.24E-04 | 1.25E-04 | 9.68E-06 | 3.98E-05 | 2.77E-06 | 2.79E-06 | 2.82E-06 | 2.85E-06 |
| 167395.816352588390 | 167395.82 | 3909708.60 | FENCEGRD | 1.29E-04 | 1.30E-04 | 1.32E-04 | 1.34E-04 | 1.06E-05 | 4.22E-05 | 2.97E-06 | 3.00E-06 | 3.03E-06 | 3.06E-06 |
| 167381.196945953390 | 167381.20 | 3909689.93 | FENCEGRD | 1.37E-04 | 1.40E-04 | 1.42E-04 | 1.44E-04 | 1.17E-05 | 4.46E-05 | 3.18E-06 | 3.21E-06 | 3.25E-06 | 3.28E-06 |
| 167366.577539319390 | 167366.58 | 3909671.26 | FENCEGRD | 1.50E-04 | 1.52E-04 | 1.54E-04 | 1.56E-04 | 1.30E-05 | 4.81E-05 | 3.48E-06 | 3.51E-06 | 3.55E-06 | 3.59E-06 |
| 167351.958132685390 | 167351.96 | 3909652.59 | FENCEGRD | 1.66E-04 | 1.68E-04 | 1.70E-04 | 1.72E-04 | 1.48E-05 | 5.25E-05 | 3.86E-06 | 3.90E-06 | 3.94E-06 | 3.98E-06 |
| 167337.338726051390 | 167337.34 | 3909633.92 | FENCEGRD | 1.83E-04 | 1.86E-04 | 1.88E-04 | 1.90E-04 | 1.67E-05 | 5.76E-05 | 4.30E-06 | 4.34E-06 | 4.38E-06 | 4.42E-06 |
| 167322.719319416390 | 167322.72 | 3909615.25 | FENCEGRD | 1.99E-04 | 2.02E-04 | 2.03E-04 | 2.05E-04 | 1.86E-05 | 6.23E-05 | 4.70E-06 | 4.74E-06 | 4.78E-06 | 4.81E-06 |
| 167308.099912782390 | 167308.10 | 3909596.58 | FENCEGRD | 2.14E-04 | 2.16E-04 | 2.17E-04 | 2.18E-04 | 2.06E-05 | 6.64E-05 | 5.06E-06 | 5.09E-06 | 5.13E-06 | 5.16E-06 |
| 167293.480506148390 | 167293.48 | 3909577.92 | FENCEGRD | 2.26E-04 | 2.28E-04 | 2.29E-04 | 2.31E-04 | 2.28E-05 | 7.00E-05 | 5.38E-06 | 5.41E-06 | 5.45E-06 | 5.49E-06 |
| 167278.861099514390 | 167278.86 | 3909559.25 | FENCEGRD | 2.39E-04 | 2.41E-04 | 2.44E-04 | 2.46E-04 | 2.54E-05 | 7.37E-05 | 5.75E-06 | 5.79E-06 | 5.84E-06 | 5.89E-06 |
| 167264.241692879390 | 167264.24 | 3909540.58 | FENCEGRD | 2.57E-04 | 2.60E-04 | 2.63E-04 | 2.66E-04 | 2.82E-05 | 7.85E-05 | 6.27E-06 | 6.33E-06 | 6.39E-06 | 6.45E-06 |
| 167249.622286245390 | 167249.62 | 3909521.91 | FENCEGRD | 2.78E-04 | 2.81E-04 | 2.85E-04 | 2.88E-04 | 3.02E-05 | 8.37E-05 | 6.87E-06 | 6.94E-06 | 7.01E-06 | 7.08E-06 |
| 167235.002879611390 | 167235.00 | 3909503.24 | FENCEGRD | 2.99E-04 | 3.03E-04 | 3.06E-04 | 3.09E-04 | 3.11E-05 | 8.90E-05 | 7.47E-06 | 7.53E-06 | 7.61E-06 | 7.67E-06 |
| 167220.383472977390 | 167220.38 | 3909484.57 | FENCEGRD | 3.21E-04 | 3.24E-04 | 3.27E-04 | 3.29E-04 | 3.07E-05 | 9.48E-05 | 8.03E-06 | 8.08E-06 | 8.14E-06 | 8.19E-06 |
| 167205.764066342390 | 167205.76 | 3909465.90 | FENCEGRD | 3.39E-04 | 3.42E-04 | 3.43E-04 | 3.43E-04 | 2.93E-05 | 1.00E-04 | 8.41E-06 | 8.44E-06 | 8.47E-06 | 8.48E-06 |
| 167191.144659708390 | 167191.14 | 3909447.23 | FENCEGRD | 3.53E-04 | 3.54E-04 | 3.53E-04 | 3.52E-04 | 2.73E-05 | 1.05E-04 | 8.59E-06 | 8.59E-06 | 8.59E-06 | 8.58E-06 |
| 167176.525253074390 | 167176.53 | 3909428.56 | FENCEGRD | 3.62E-04 | 3.60E-04 | 3.57E-04 | 3.54E-04 | 2.50E-05 | 1.09E-04 | 8.58E-06 | 8.55E-06 | 8.52E-06 | 8.47E-06 |
| 167161.905846443909 | 167161.91 | 3909409.89 | FENCEGRD | 3.63E-04 | 3.60E-04 | 3.55E-04 | 3.50E-04 | 2.25E-05 | 1.12E-04 | 8.38E-06 | 8.33E-06 | 8.27E-06 | 8.21E-06 |
| 167147.286439805390 | 167147.29 | 3909391.22 | FENCEGRD | 3.59E-04 | 3.54E-04 | 3.47E-04 | 3.42E-04 | 2.01E-05 | 1.13E-04 | 8.06E-06 | 7.98E-06 | 7.91E-06 | 7.83E-06 |
| 167132.667033171390 | 167132.67 | 3909372.55 | FENCEGRD | 3.48E-04 | 3.42E-04 | 3.34E-04 | 3.27E-04 | 1.77E-05 | 1.13E-04 | 7.60E-06 | 7.51E-06 | 7.43E-06 | 7.34E-06 |
| 167118.047626537390 | 167118.05 | 3909353.88 | FENCEGRD | 3.32E-04 | 3.25E-04 | 3.17E-04 | 3.10E-04 | 1.54E-05 | 1.12E-04 | 7.08E-06 | 6.99E-06 | 6.91E-06 | 6.82E-06 |
| 167103.428219903390 | 167103.43 | 3909335.21 | FENCEGRD | 3.14E-04 | 3.06E-04 | 2.98E-04 | 2.90E-04 | 1.34E-05 | 1.10E-04 | 6.55E-06 | 6.46E-06 | 6.37E-06 | 6.29E-06 |
| 167088.808813268390 | 167088.81 | 3909316.54 | FENCEGRD | 2.93E-04 | 2.85E-04 | 2.77E-04 | 2.70E-04 | 1.15E-05 | 1.06E-04 | 6.01E-06 | 5.93E-06 | 5.84E-06 | 5.76E-06 |
| 167074.189406634390 | 167074.19 | 3909297.87 | FENCEGRD | 2.71E-04 | 2.64E-04 | 2.55E-04 | 2.48E-04 | 9.83E-06 | 1.02E-04 | 5.49E-06 | 5.41E-06 | 5.33E-06 | 5.26E-06 |
| 168002.070345849390 | 168002.07 | 3909511.99 | FENCEGRD | 1.68E-05 | 1.70E-05 | 1.72 | | | | | | | |

Project Ground Level Concentrations-0<2

| | | | | 0<2 GLC (µg/m ³) | | | | | | | | | |
|----------------------|-----------|------------|----------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168025.259938113390 | 168025.26 | 3909587.89 | FENCEGRD | 1.80E-05 | 1.83E-05 | 1.85E-05 | 1.88E-05 | 2.49E-06 | 8.47E-06 | 6.64E-07 | 6.72E-07 | 6.78E-07 | 6.86E-07 |
| 168003.489779144390 | 168003.49 | 3909597.67 | FENCEGRD | 1.78E-05 | 1.79E-05 | 1.81E-05 | 1.83E-05 | 2.47E-06 | 8.40E-06 | 6.67E-07 | 6.75E-07 | 6.81E-07 | 6.88E-07 |
| 167981.719620175390 | 167981.72 | 3909607.45 | FENCEGRD | 1.72E-05 | 1.72E-05 | 1.73E-05 | 1.74E-05 | 2.46E-06 | 8.38E-06 | 6.68E-07 | 6.75E-07 | 6.80E-07 | 6.86E-07 |
| 167959.949461207390 | 167959.95 | 3909617.23 | FENCEGRD | 1.58E-05 | 1.58E-05 | 1.58E-05 | 1.58E-05 | 2.32E-06 | 7.97E-06 | 6.24E-07 | 6.30E-07 | 6.34E-07 | 6.38E-07 |
| 167938.179302238390 | 167938.18 | 3909627.00 | FENCEGRD | 1.43E-05 | 1.43E-05 | 1.43E-05 | 1.43E-05 | 2.16E-06 | 7.54E-06 | 5.66E-07 | 5.71E-07 | 5.73E-07 | 5.76E-07 |
| 167916.409143269390 | 167916.41 | 3909636.78 | FENCEGRD | 1.36E-05 | 1.36E-05 | 1.37E-05 | 1.37E-05 | 2.25E-06 | 7.81E-06 | 5.58E-07 | 5.62E-07 | 5.64E-07 | 5.66E-07 |
| 167894.638984339090 | 167894.64 | 3909646.56 | FENCEGRD | 1.36E-05 | 1.37E-05 | 1.38E-05 | 1.40E-05 | 2.52E-06 | 8.61E-06 | 5.81E-07 | 5.86E-07 | 5.88E-07 | 5.91E-07 |
| 167872.868825332390 | 167872.87 | 3909656.34 | FENCEGRD | 1.48E-05 | 1.51E-05 | 1.54E-05 | 1.57E-05 | 2.94E-06 | 1.00E-05 | 6.40E-07 | 6.45E-07 | 6.49E-07 | 6.53E-07 |
| 167851.098666363390 | 167851.10 | 3909666.12 | FENCEGRD | 1.85E-05 | 1.90E-05 | 1.96E-05 | 2.02E-05 | 3.46E-06 | 1.20E-05 | 7.29E-07 | 7.36E-07 | 7.42E-07 | 7.48E-07 |
| 167829.328507394390 | 167829.33 | 3909675.90 | FENCEGRD | 2.51E-05 | 2.59E-05 | 2.69E-05 | 2.79E-05 | 3.82E-06 | 1.40E-05 | 8.16E-07 | 8.25E-07 | 8.33E-07 | 8.41E-07 |
| 167807.558348426390 | 167807.56 | 3909685.68 | FENCEGRD | 3.24E-05 | 3.36E-05 | 3.50E-05 | 3.63E-05 | 3.83E-06 | 1.56E-05 | 8.77E-07 | 8.87E-07 | 8.98E-07 | 9.09E-07 |
| 167785.788189457390 | 167785.79 | 3909695.46 | FENCEGRD | 3.90E-05 | 4.04E-05 | 4.22E-05 | 4.38E-05 | 3.66E-06 | 1.69E-05 | 9.29E-07 | 9.42E-07 | 9.56E-07 | 9.69E-07 |
| 167764.018030488390 | 167764.02 | 3909705.23 | FENCEGRD | 4.47E-05 | 4.63E-05 | 4.82E-05 | 5.00E-05 | 3.50E-06 | 1.80E-05 | 9.96E-07 | 1.01E-06 | 1.03E-06 | 1.04E-06 |
| 167742.247871519390 | 167742.25 | 3909715.01 | FENCEGRD | 5.05E-05 | 5.23E-05 | 5.46E-05 | 5.66E-05 | 3.44E-06 | 1.92E-05 | 1.08E-06 | 1.10E-06 | 1.12E-06 | 1.14E-06 |
| 167720.477712551390 | 167720.48 | 3909724.79 | FENCEGRD | 5.66E-05 | 5.87E-05 | 6.12E-05 | 6.34E-05 | 3.53E-06 | 2.04E-05 | 1.20E-06 | 1.22E-06 | 1.24E-06 | 1.26E-06 |
| 167698.707553582390 | 167698.71 | 3909734.57 | FENCEGRD | 6.30E-05 | 6.52E-05 | 6.78E-05 | 7.01E-05 | 3.77E-06 | 2.16E-05 | 1.33E-06 | 1.35E-06 | 1.38E-06 | 1.40E-06 |
| 167676.937394613390 | 167676.94 | 3909744.35 | FENCEGRD | 6.93E-05 | 7.15E-05 | 7.41E-05 | 7.63E-05 | 4.19E-06 | 2.29E-05 | 1.47E-06 | 1.50E-06 | 1.53E-06 | 1.55E-06 |
| 167655.167235645390 | 167655.17 | 3909754.13 | FENCEGRD | 7.47E-05 | 7.67E-05 | 7.90E-05 | 8.09E-05 | 4.74E-06 | 2.41E-05 | 1.62E-06 | 1.65E-06 | 1.67E-06 | 1.70E-06 |
| 167633.397076676390 | 167633.40 | 3909763.91 | FENCEGRD | 7.85E-05 | 8.03E-05 | 8.23E-05 | 8.41E-05 | 5.38E-06 | 2.53E-05 | 1.75E-06 | 1.78E-06 | 1.80E-06 | 1.82E-06 |
| 167611.626917707390 | 167611.63 | 3909773.69 | FENCEGRD | 8.21E-05 | 8.38E-05 | 8.58E-05 | 8.78E-05 | 6.17E-06 | 2.65E-05 | 1.88E-06 | 1.90E-06 | 1.92E-06 | 1.93E-06 |
| 167524.546281832390 | 167524.55 | 3909812.80 | FENCEGRD | 8.79E-05 | 8.91E-05 | 9.00E-05 | 9.08E-05 | 6.91E-06 | 2.96E-05 | 2.02E-06 | 2.03E-06 | 2.04E-06 | 2.05E-06 |
| 167502.776122863390 | 167502.78 | 3909822.58 | FENCEGRD | 8.75E-05 | 8.85E-05 | 8.95E-05 | 9.04E-05 | 6.79E-06 | 3.03E-05 | 2.01E-06 | 2.02E-06 | 2.03E-06 | 2.04E-06 |
| 167481.005963895390 | 167481.01 | 3909832.36 | FENCEGRD | 8.83E-05 | 8.94E-05 | 9.06E-05 | 9.16E-05 | 6.87E-06 | 3.08E-05 | 2.05E-06 | 2.06E-06 | 2.08E-06 | 2.09E-06 |
| 167459.235804926390 | 167459.24 | 3909842.14 | FENCEGRD | 8.92E-05 | 9.05E-05 | 9.17E-05 | 9.28E-05 | 7.01E-06 | 3.14E-05 | 2.10E-06 | 2.11E-06 | 2.13E-06 | 2.15E-06 |
| 167437.465645957390 | 167437.47 | 3909851.92 | FENCEGRD | 8.88E-05 | 9.01E-05 | 9.13E-05 | 9.23E-05 | 7.08E-06 | 3.15E-05 | 2.11E-06 | 2.13E-06 | 2.15E-06 | 2.17E-06 |
| 167400.981761602390 | 167400.98 | 3909842.90 | FENCEGRD | 9.06E-05 | 9.18E-05 | 9.30E-05 | 9.40E-05 | 7.48E-06 | 3.21E-05 | 2.18E-06 | 2.20E-06 | 2.22E-06 | 2.24E-06 |
| 167386.268036215390 | 167386.27 | 3909824.11 | FENCEGRD | 9.52E-05 | 9.64E-05 | 9.77E-05 | 9.88E-05 | 8.02E-06 | 3.34E-05 | 2.30E-06 | 2.32E-06 | 2.34E-06 | 2.36E-06 |
| 167371.554310828390 | 167371.55 | 3909805.32 | FENCEGRD | 1.02E-04 | 1.03E-04 | 1.05E-04 | 1.06E-04 | 8.73E-06 | 3.55E-05 | 2.47E-06 | 2.49E-06 | 2.51E-06 | 2.53E-06 |
| 167356.840585442390 | 167356.84 | 3909786.53 | FENCEGRD | 1.09E-04 | 1.11E-04 | 1.12E-04 | 1.13E-04 | 9.51E-06 | 3.77E-05 | 2.64E-06 | 2.67E-06 | 2.69E-06 | 2.71E-06 |
| 167342.126860055390 | 167342.13 | 3909767.74 | FENCEGRD | 1.16E-04 | 1.18E-04 | 1.20E-04 | 1.21E-04 | 1.03E-05 | 3.98E-05 | 2.82E-06 | 2.85E-06 | 2.87E-06 | 2.90E-06 |
| 167327.413134668390 | 167327.41 | 3909748.95 | FENCEGRD | 1.24E-04 | 1.26E-04 | 1.28E-04 | 1.29E-04 | 1.12E-05 | 4.20E-05 | 3.01E-06 | 3.04E-06 | 3.07E-06 | 3.10E-06 |
| 167312.699409281390 | 167312.70 | 3909730.16 | FENCEGRD | 1.32E-04 | 1.34E-04 | 1.36E-04 | 1.37E-04 | 1.22E-05 | 4.43E-05 | 3.22E-06 | 3.25E-06 | 3.28E-06 | 3.31E-06 |
| 167297.985683895390 | 167297.99 | 3909711.37 | FENCEGRD | 1.41E-04 | 1.43E-04 | 1.45E-04 | 1.47E-04 | 1.34E-05 | 4.71E-05 | 3.46E-06 | 3.49E-06 | 3.53E-06 | 3.56E-06 |
| 167283.271958508390 | 167283.27 | 3909692.58 | FENCEGRD | 1.52E-04 | 1.54E-04 | 1.55E-04 | 1.57E-04 | 1.46E-05 | 5.03E-05 | 3.73E-06 | 3.76E-06 | 3.79E-06 | 3.82E-06 |
| 167268.558233121390 | 167268.56 | 3909673.79 | FENCEGRD | 1.63E-04 | 1.65E-04 | 1.66E-04 | 1.68E-04 | 1.59E-05 | 5.39E-05 | 4.03E-06 | 4.06E-06 | 4.08E-06 | 4.11E-06 |
| 167253.844507735390 | 167253.84 | 3909655.00 | FENCEGRD | 1.75E-04 | 1.76E-04 | 1.77E-04 | 1.79E-04 | 1.74E-05 | 5.74E-05 | 4.32E-06 | 4.34E-06 | 4.37E-06 | 4.40E-06 |
| 167239.130782348390 | 167239.13 | 3909636.21 | FENCEGRD | 1.85E-04 | 1.87E-04 | 1.88E-04 | 1.90E-04 | 1.92E-05 | 6.07E-05 | 4.61E-06 | 4.64E-06 | 4.67E-06 | 4.70E-06 |
| 167224.417056961390 | 167224.42 | 3909617.42 | FENCEGRD | 1.97E-04 | 1.99E-04 | 2.01E-04 | 2.02E-04 | 2.12E-05 | 6.40E-05 | 4.93E-06 | 4.97E-06 | 5.01E-06 | 5.05E-06 |
| 167209.703331574390 | 167209.70 | 3909598.63 | FENCEGRD | 2.10E-04 | 2.12E-04 | 2.15E-04 | 2.17E-04 | 2.34E-05 | 6.77E-05 | 5.33E-06 | 5.37E-06 | 5.42E-06 | 5.47E-06 |
| 167194.989606188390 | 167194.99 | 3909579.84 | FENCEGRD | 2.25E-04 | 2.28E-04 | 2.31E-04 | 2.34E-04 | 2.52E-05 | 7.18E-05 | 5.78E-06 | 5.83E-06 | 5.89E-06 | 5.94E-06 |
| 167180.275880801390 | 167180.28 | 3909561.05 | FENCEGRD | 2.42E-04 | 2.46E-04 | 2.49E-04 | 2.51E-04 | 2.65E-05 | 7.64E-05 | 6.27E-06 | 6.33E-06 | 6.39E-06 | 6.44E-06 |
| 167165.562155414390 | 167165.56 | 3909542.26 | FENCEGRD | 2.60E-04 | 2.63E-04 | 2.66E-04 | 2.68E-04 | 2.70E-05 | 8.14E-05 | 6.76E-06 | 6.81E-06 | 6.86E-06 | 6.90E-06 |
| 167150.848430027390 | 167150.85 | 3909523.47 | FENCEGRD | 2.78E-04 | 2.80E-04 | 2.82E-04 | 2.83E-04 | 2.68E-05 | 8.65E-05 | 7.17E-06 | 7.21E-06 | 7.24E-06 | 7.27E-06 |
| 167136.134704641390 | 167136.13 | 3909504.68 | FENCEGRD | 2.92E-04 | 2.94E-04 | 2.94E-04 | 2.94E-04 | 2.60E-05 | 9.13E-05 | 7.46E-06 | 7.48E-06 | 7.49E-06 | 7.50E-06 |
| 167121.420979254390 | 167121.42 | 3909485.89 | FENCEGRD | 3.03E-04 | 3.03E-04 | 3.02E-04 | 3.01E-04 | 2.46E-05 | 9.55E-05 | 7.60E-06 | 7.59E-06 | 7.59E-06 | 7.57E-06 |
| 167106.707253867390 | 167106.71 | 3909467.10 | FENCEGRD | 3.10E-04 | 3.09E-04 | 3.06E-04 | 3.04E-04 | 2.31E-05 | 9.93E-05 | 7.62E-06 | 7.59E-06 | 7.56E-06 | 7.53E-06 |
| 167091.993528481390 | 167091.99 | 3909448.31 | FENCEGRD | 3.13E-04 | 3.10E-04 | 3.06E-04 | 3.02E-04 | 2.14E-05 | 1.02E-04 | 7.51E-06 | 7.47E-06 | 7.42E-06 | 7.37E-06 |
| 167077.279803094390 | 167077.28 | 3909429.52 | FENCEGRD | 3.09E-04 | 3.05E-04 | 2.99E-04 | 2.95E-04 | 1.96E-05 | 1.03E-04 | 7.26E-06 | 7.20E-06 | 7.14E-06 | 7.08E-06 |
| 167062.566077707390 | 167062.57 | 3909410.73 | FENCEGRD | 3.00E-04 | 2.95E-04 | 2.89E-04 | 2.84E-04 | 1.77E-05 | 1.03E-04 | 6.91E-06 | 6.84E-06 | 6.78E-06 | 6.71E-06 |
| 167047.852352323909 | 167047.85 | 3909391.94 | FENCEGRD | 2.88E-04 | 2.82E-04 | 2.76E-04 | 2.71E-04 | 1.59E-05 | 1.02E-04 | 6.51E-06 | 6.44E-06 | 6.37E-06 | 6.30E-06 |
| 167033.138626934390 | 167033.14 | 3909373.15 | FENCEGRD | 2.74E-04 | 2.68E-04 | 2.61E-04 | 2.56E-04 | 1.42E-05 | 9.98E-05 | 6.09E-06 | 6.02E-06 | 5.95E-06 | 5.88E-06 |
| 167018.424901547390 | 167018.42 | 3909354.36 | FENCEGRD | 2.59E-04 | 2.53E-04 | 2.46E-04 | 2.41E-04 | 1.26E-05 | 9.72E-05 | 5.67E-06 | 5.60E-06 | 5.54E-06 | 5.47E-06 |
| 167003.711176163909 | 167003.71 | 3909335.57 | FENCEGRD | 2.42E-04 | 2.37E-04 | 2.30E-04 | 2.25E-04 | 1.11E-05 | 9.39E-05 | 5.26E-06 | 5.19E-06 | 5.13E-06 | 5.06E-06 |
| 166988.997450773390 | 166989.00 | 3909316.78 | FENCEGRD | 2.25E-04 | 2.20E-04 | 2.13E-04 | 2.08E-04 | 9.71E-06 | 9.01E-05 | 4.85E-06 | 4.79E-06 | 4.73E-06 | 4.67E-06 |
| 166974.283725387390 | 166974.28 | 3909297.99 | FENCEGRD | 2.09E-04 | 2.03E-04 | 1.97E-04 | 1.93E-04 | 8.46E-06 | 8.60E-05 | 4.47E-06 | 4.41E-06 | 4.35E-06 | 4.30E-06 |
| 168090.570415019390 | 168090.57 | 3909558.55 | FENCEGRD | 1.78E-05 | 1.81E-05 | 1.84E-05 | 1.88E-05 | 2.62E-06 | 9.15E-06 | 6.80E-07 | 6.88E-07 | 6.95E-07 | 7.02E-07 |
| 168102.018915019390 | 168102.02 | 3909536.79 | FENCEGRD | 1.67E-05 | 1.69E-05 | 1.72E-05 | 1.75E-05 | 2.47E-06 | 8.73E-06 | 6.44E-07 | 6.52E-07 | 6.58E-07 | 6.65E-07 |
| 168113.467415019390 | 168113.47 | 3909515.03 | FENCEGRD | 1.61E-05 | 1.63E-05 | 1.65E-05 | 1.68E-05 | 2.39E-06 | 8.53E-06 | 6.31E-07 | 6.38E-07 | 6.43E-07 | 6.50E-07 |
| 168124.915915019390 | 168124.92 | 3909493.27 | FENCEGRD | 1.59E-05 | 1.61E-05 | 1.63E-05 | 1.65E-05 | 2.40E-06 | 8.66E-06 | 6.43E-07 | 6.50E-07 | 6.56E-07 | 6.62E-07 |
| 168136.364415019390 | 168136.36 | 3909471.51 | FENCEGRD | 1.62E-05 | 1.64E-05 | 1.66E-05 | 1.69E-05 | 2.46E-06 | 8.94E-06 | 6.64E-07 | 6.71E-07 | 6.78E-07 | 6.84E-07 |
| 168147.8112915019390 | 168147.81 | 3909449.75 | FENCEGRD | 1.75E-05 | 1.78E-05 | 1.80E-05 | 1.83E-05 | 2.65E-06 | 9.64E-06 | 7.11E-07 | 7.20E-07 | 7.27E-07 | 7.34E-07 |
| 168159.261415019390 | 168159.26 | 3909427.98 | FENCEGRD | 1.91E-05 | 1.94E-05 | 1.9 | | | | | | | |

Project Ground Level Concentrations-0<2

| | | | | 0<2 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167982.231963513390 | 167982.23 | 3909693.53 | FENCEGRD | 2.77E-05 | 2.80E-05 | 2.85E-05 | 2.90E-05 | 3.38E-06 | 1.16E-05 | 9.05E-07 | 9.09E-07 | 9.11E-07 | 9.14E-07 |
| 167960.361016772390 | 167960.36 | 3909703.35 | FENCEGRD | 2.69E-05 | 2.73E-05 | 2.78E-05 | 2.83E-05 | 3.45E-06 | 1.17E-05 | 8.75E-07 | 8.78E-07 | 8.80E-07 | 8.82E-07 |
| 167938.490070033909 | 167938.49 | 3909713.18 | FENCEGRD | 2.65E-05 | 2.70E-05 | 2.76E-05 | 2.81E-05 | 3.50E-06 | 1.18E-05 | 8.39E-07 | 8.42E-07 | 8.43E-07 | 8.45E-07 |
| 167916.619123288390 | 167916.62 | 3909723.00 | FENCEGRD | 2.75E-05 | 2.81E-05 | 2.87E-05 | 2.93E-05 | 3.53E-06 | 1.21E-05 | 8.11E-07 | 8.14E-07 | 8.16E-07 | 8.18E-07 |
| 167894.748176546390 | 167894.75 | 3909732.82 | FENCEGRD | 2.92E-05 | 2.98E-05 | 3.06E-05 | 3.13E-05 | 3.51E-06 | 1.26E-05 | 7.90E-07 | 7.94E-07 | 7.97E-07 | 8.01E-07 |
| 167872.877229805390 | 167872.88 | 3909742.65 | FENCEGRD | 3.07E-05 | 3.14E-05 | 3.22E-05 | 3.30E-05 | 3.43E-06 | 1.32E-05 | 7.81E-07 | 7.86E-07 | 7.91E-07 | 7.96E-07 |
| 167851.006283063390 | 167851.01 | 3909752.47 | FENCEGRD | 3.28E-05 | 3.36E-05 | 3.46E-05 | 3.56E-05 | 3.31E-06 | 1.39E-05 | 7.88E-07 | 7.95E-07 | 8.02E-07 | 8.09E-07 |
| 167829.135336321390 | 167829.14 | 3909762.30 | FENCEGRD | 3.55E-05 | 3.65E-05 | 3.77E-05 | 3.89E-05 | 3.18E-06 | 1.47E-05 | 8.13E-07 | 8.22E-07 | 8.31E-07 | 8.40E-07 |
| 167807.264389583909 | 167807.26 | 3909772.12 | FENCEGRD | 3.88E-05 | 4.00E-05 | 4.15E-05 | 4.28E-05 | 3.08E-06 | 1.57E-05 | 8.57E-07 | 8.67E-07 | 8.79E-07 | 8.91E-07 |
| 167785.393442838390 | 167785.39 | 3909781.94 | FENCEGRD | 4.25E-05 | 4.39E-05 | 4.56E-05 | 4.71E-05 | 3.04E-06 | 1.67E-05 | 9.19E-07 | 9.32E-07 | 9.46E-07 | 9.61E-07 |
| 167763.522496096390 | 167763.52 | 3909791.77 | FENCEGRD | 4.64E-05 | 4.80E-05 | 4.99E-05 | 5.16E-05 | 3.09E-06 | 1.77E-05 | 9.95E-07 | 1.01E-06 | 1.03E-06 | 1.04E-06 |
| 167741.651549354390 | 167741.65 | 3909801.59 | FENCEGRD | 5.05E-05 | 5.22E-05 | 5.43E-05 | 5.62E-05 | 3.22E-06 | 1.87E-05 | 1.08E-06 | 1.10E-06 | 1.12E-06 | 1.14E-06 |
| 167719.780602613390 | 167719.78 | 3909811.42 | FENCEGRD | 5.50E-05 | 5.69E-05 | 5.91E-05 | 6.11E-05 | 3.46E-06 | 1.97E-05 | 1.19E-06 | 1.21E-06 | 1.23E-06 | 1.25E-06 |
| 167697.909655871390 | 167697.91 | 3909821.24 | FENCEGRD | 5.97E-05 | 6.16E-05 | 6.38E-05 | 6.58E-05 | 3.80E-06 | 2.07E-05 | 1.31E-06 | 1.33E-06 | 1.35E-06 | 1.37E-06 |
| 167676.038709129390 | 167676.04 | 3909831.07 | FENCEGRD | 6.42E-05 | 6.60E-05 | 6.81E-05 | 6.98E-05 | 4.23E-06 | 2.18E-05 | 1.43E-06 | 1.45E-06 | 1.47E-06 | 1.50E-06 |
| 167654.167762388390 | 167654.17 | 3909840.89 | FENCEGRD | 6.90E-05 | 7.07E-05 | 7.26E-05 | 7.43E-05 | 4.87E-06 | 2.31E-05 | 1.58E-06 | 1.60E-06 | 1.62E-06 | 1.64E-06 |
| 167566.683975421390 | 167566.68 | 3909880.19 | FENCEGRD | 7.41E-05 | 7.58E-05 | 7.66E-05 | 7.70E-05 | 6.12E-06 | 2.55E-05 | 1.80E-06 | 1.81E-06 | 1.82E-06 | 1.82E-06 |
| 167544.813028679390 | 167544.81 | 3909890.01 | FENCEGRD | 7.37E-05 | 7.41E-05 | 7.44E-05 | 7.48E-05 | 5.95E-06 | 2.60E-05 | 1.74E-06 | 1.74E-06 | 1.75E-06 | 1.75E-06 |
| 167522.942081937390 | 167522.94 | 3909899.83 | FENCEGRD | 7.17E-05 | 7.22E-05 | 7.27E-05 | 7.32E-05 | 5.78E-06 | 2.55E-05 | 1.69E-06 | 1.69E-06 | 1.70E-06 | 1.70E-06 |
| 167501.071135196390 | 167501.07 | 3909909.66 | FENCEGRD | 7.04E-05 | 7.10E-05 | 7.16E-05 | 7.22E-05 | 5.64E-06 | 2.52E-05 | 1.66E-06 | 1.66E-06 | 1.67E-06 | 1.68E-06 |
| 167479.200188454390 | 167479.20 | 3909919.48 | FENCEGRD | 6.94E-05 | 7.01E-05 | 7.09E-05 | 7.15E-05 | 5.54E-06 | 2.51E-05 | 1.64E-06 | 1.65E-06 | 1.66E-06 | 1.68E-06 |
| 167457.329241712390 | 167457.33 | 3909929.31 | FENCEGRD | 6.89E-05 | 6.97E-05 | 7.06E-05 | 7.13E-05 | 5.54E-06 | 2.51E-05 | 1.65E-06 | 1.66E-06 | 1.67E-06 | 1.69E-06 |
| 167435.458294973909 | 167435.46 | 3909939.13 | FENCEGRD | 6.95E-05 | 7.04E-05 | 7.12E-05 | 7.20E-05 | 5.66E-06 | 2.56E-05 | 1.69E-06 | 1.70E-06 | 1.71E-06 | 1.73E-06 |
| 167413.587348229390 | 167413.59 | 3909948.95 | FENCEGRD | 7.06E-05 | 7.15E-05 | 7.24E-05 | 7.31E-05 | 5.86E-06 | 2.62E-05 | 1.74E-06 | 1.75E-06 | 1.77E-06 | 1.78E-06 |
| 167376.934557001390 | 167376.93 | 3909939.90 | FENCEGRD | 7.56E-05 | 7.65E-05 | 7.74E-05 | 7.82E-05 | 6.49E-06 | 2.81E-05 | 1.90E-06 | 1.91E-06 | 1.93E-06 | 1.94E-06 |
| 167362.152712515390 | 167362.15 | 3909921.02 | FENCEGRD | 7.97E-05 | 8.07E-05 | 8.16E-05 | 8.24E-05 | 6.95E-06 | 2.94E-05 | 2.01E-06 | 2.02E-06 | 2.04E-06 | 2.05E-06 |
| 167347.370868033909 | 167347.37 | 3909902.15 | FENCEGRD | 8.42E-05 | 8.52E-05 | 8.62E-05 | 8.71E-05 | 7.44E-06 | 3.09E-05 | 2.12E-06 | 2.14E-06 | 2.16E-06 | 2.17E-06 |
| 167332.589023544390 | 167332.59 | 3909883.27 | FENCEGRD | 8.92E-05 | 9.02E-05 | 9.13E-05 | 9.22E-05 | 7.99E-06 | 3.24E-05 | 2.25E-06 | 2.27E-06 | 2.28E-06 | 2.30E-06 |
| 167317.807179058390 | 167317.81 | 3909864.39 | FENCEGRD | 9.50E-05 | 9.61E-05 | 9.73E-05 | 9.83E-05 | 8.61E-06 | 3.42E-05 | 2.40E-06 | 2.41E-06 | 2.43E-06 | 2.45E-06 |
| 167303.025334572390 | 167303.03 | 3909845.51 | FENCEGRD | 1.01E-04 | 1.02E-04 | 1.03E-04 | 1.05E-04 | 9.28E-06 | 3.61E-05 | 2.55E-06 | 2.57E-06 | 2.59E-06 | 2.61E-06 |
| 167288.243490087390 | 167288.24 | 3909826.64 | FENCEGRD | 1.08E-04 | 1.09E-04 | 1.10E-04 | 1.12E-04 | 1.00E-05 | 3.81E-05 | 2.72E-06 | 2.74E-06 | 2.77E-06 | 2.79E-06 |
| 167273.461645601390 | 167273.46 | 3909807.76 | FENCEGRD | 1.14E-04 | 1.16E-04 | 1.17E-04 | 1.18E-04 | 1.08E-05 | 4.02E-05 | 2.90E-06 | 2.92E-06 | 2.94E-06 | 2.97E-06 |
| 167258.679801115390 | 167258.68 | 3909788.88 | FENCEGRD | 1.21E-04 | 1.23E-04 | 1.24E-04 | 1.25E-04 | 1.17E-05 | 4.23E-05 | 3.08E-06 | 3.10E-06 | 3.13E-06 | 3.15E-06 |
| 167243.897956629390 | 167243.90 | 3909770.01 | FENCEGRD | 1.28E-04 | 1.29E-04 | 1.31E-04 | 1.32E-04 | 1.25E-05 | 4.46E-05 | 3.27E-06 | 3.29E-06 | 3.32E-06 | 3.34E-06 |
| 167229.116112144390 | 167229.12 | 3909751.13 | FENCEGRD | 1.35E-04 | 1.37E-04 | 1.38E-04 | 1.39E-04 | 1.34E-05 | 4.69E-05 | 3.46E-06 | 3.49E-06 | 3.51E-06 | 3.53E-06 |
| 167214.334267658390 | 167214.33 | 3909732.25 | FENCEGRD | 1.43E-04 | 1.44E-04 | 1.45E-04 | 1.46E-04 | 1.43E-05 | 4.94E-05 | 3.66E-06 | 3.68E-06 | 3.71E-06 | 3.73E-06 |
| 167199.552423172390 | 167199.55 | 3909713.37 | FENCEGRD | 1.51E-04 | 1.52E-04 | 1.53E-04 | 1.54E-04 | 1.55E-05 | 5.20E-05 | 3.88E-06 | 3.90E-06 | 3.92E-06 | 3.95E-06 |
| 167184.770578686390 | 167184.77 | 3909694.50 | FENCEGRD | 1.59E-04 | 1.60E-04 | 1.61E-04 | 1.62E-04 | 1.69E-05 | 5.45E-05 | 4.11E-06 | 4.13E-06 | 4.16E-06 | 4.19E-06 |
| 167169.988734201390 | 167169.99 | 3909675.62 | FENCEGRD | 1.67E-04 | 1.69E-04 | 1.70E-04 | 1.72E-04 | 1.84E-05 | 5.70E-05 | 4.36E-06 | 4.39E-06 | 4.43E-06 | 4.46E-06 |
| 167155.206889715390 | 167155.21 | 3909656.74 | FENCEGRD | 1.76E-04 | 1.78E-04 | 1.80E-04 | 1.82E-04 | 2.00E-05 | 5.96E-05 | 4.65E-06 | 4.69E-06 | 4.73E-06 | 4.77E-06 |
| 167140.425045229390 | 167140.43 | 3909637.87 | FENCEGRD | 1.87E-04 | 1.90E-04 | 1.92E-04 | 1.94E-04 | 2.15E-05 | 6.27E-05 | 4.99E-06 | 5.03E-06 | 5.08E-06 | 5.12E-06 |
| 167125.643200743390 | 167125.64 | 3909618.99 | FENCEGRD | 2.00E-04 | 2.02E-04 | 2.05E-04 | 2.08E-04 | 2.28E-05 | 6.62E-05 | 5.37E-06 | 5.41E-06 | 5.46E-06 | 5.51E-06 |
| 167110.861356258390 | 167110.86 | 3909600.11 | FENCEGRD | 2.14E-04 | 2.16E-04 | 2.19E-04 | 2.21E-04 | 2.36E-05 | 7.03E-05 | 5.76E-06 | 5.81E-06 | 5.85E-06 | 5.89E-06 |
| 167096.079511772390 | 167096.08 | 3909581.23 | FENCEGRD | 2.27E-04 | 2.30E-04 | 2.32E-04 | 2.33E-04 | 2.39E-05 | 7.44E-05 | 6.11E-06 | 6.15E-06 | 6.19E-06 | 6.22E-06 |
| 167081.297667286390 | 167081.30 | 3909562.36 | FENCEGRD | 2.40E-04 | 2.42E-04 | 2.43E-04 | 2.44E-04 | 2.37E-05 | 7.89E-05 | 6.42E-06 | 6.45E-06 | 6.47E-06 | 6.49E-06 |
| 167066.515822839099 | 167066.52 | 3909543.48 | FENCEGRD | 2.51E-04 | 2.52E-04 | 2.52E-04 | 2.52E-04 | 2.31E-05 | 8.29E-05 | 6.62E-06 | 6.63E-06 | 6.64E-06 | 6.64E-06 |
| 167051.733978315390 | 167051.73 | 3909524.60 | FENCEGRD | 2.58E-04 | 2.58E-04 | 2.57E-04 | 2.56E-04 | 2.21E-05 | 8.60E-05 | 6.70E-06 | 6.70E-06 | 6.69E-06 | 6.68E-06 |
| 167036.952133829390 | 167036.95 | 3909505.73 | FENCEGRD | 2.62E-04 | 2.60E-04 | 2.58E-04 | 2.57E-04 | 2.10E-05 | 8.87E-05 | 6.69E-06 | 6.67E-06 | 6.65E-06 | 6.62E-06 |
| 167022.170289343390 | 167022.17 | 3909486.85 | FENCEGRD | 2.62E-04 | 2.60E-04 | 2.57E-04 | 2.55E-04 | 1.97E-05 | 9.07E-05 | 6.59E-06 | 6.56E-06 | 6.53E-06 | 6.49E-06 |
| 167007.388444857390 | 167007.39 | 3909467.97 | FENCEGRD | 2.60E-04 | 2.57E-04 | 2.54E-04 | 2.51E-04 | 1.83E-05 | 9.19E-05 | 6.42E-06 | 6.38E-06 | 6.34E-06 | 6.29E-06 |
| 166992.606600372390 | 166992.61 | 3909449.09 | FENCEGRD | 2.55E-04 | 2.52E-04 | 2.47E-04 | 2.44E-04 | 1.70E-05 | 9.22E-05 | 6.19E-06 | 6.14E-06 | 6.09E-06 | 6.04E-06 |
| 166977.824755886390 | 166977.82 | 3909430.22 | FENCEGRD | 2.48E-04 | 2.44E-04 | 2.39E-04 | 2.35E-04 | 1.56E-05 | 9.17E-05 | 5.92E-06 | 5.87E-06 | 5.81E-06 | 5.76E-06 |
| 166963.042911439094 | 166963.04 | 3909411.34 | FENCEGRD | 2.38E-04 | 2.34E-04 | 2.29E-04 | 2.25E-04 | 1.43E-05 | 9.04E-05 | 5.61E-06 | 5.56E-06 | 5.50E-06 | 5.45E-06 |
| 166948.261066914390 | 166948.26 | 3909392.46 | FENCEGRD | 2.27E-04 | 2.23E-04 | 2.18E-04 | 2.14E-04 | 1.30E-05 | 8.84E-05 | 5.29E-06 | 5.24E-06 | 5.18E-06 | 5.12E-06 |
| 166933.479222429390 | 166933.48 | 3909373.59 | FENCEGRD | 2.16E-04 | 2.11E-04 | 2.06E-04 | 2.02E-04 | 1.18E-05 | 8.61E-05 | 4.97E-06 | 4.91E-06 | 4.86E-06 | 4.80E-06 |
| 166918.697377943390 | 166918.70 | 3909354.71 | FENCEGRD | 2.04E-04 | 1.99E-04 | 1.94E-04 | 1.90E-04 | 1.06E-05 | 8.34E-05 | 4.65E-06 | 4.60E-06 | 4.54E-06 | 4.49E-06 |
| 166903.915533457390 | 166903.92 | 3909335.83 | FENCEGRD | 1.91E-04 | 1.87E-04 | 1.82E-04 | 1.78E-04 | 9.42E-06 | 8.03E-05 | 4.34E-06 | 4.29E-06 | 4.24E-06 | 4.19E-06 |
| 166889.133688972390 | 166889.13 | 3909316.95 | FENCEGRD | 1.79E-04 | 1.74E-04 | 1.70E-04 | 1.66E-04 | 8.36E-06 | 7.70E-05 | 4.04E-06 | 4.00E-06 | 3.95E-06 | 3.90E-06 |
| 166874.351844486390 | 166874.35 | 3909298.08 | FENCEGRD | 1.67E-04 | 1.63E-04 | 1.58E-04 | 1.55E-04 | 7.40E-06 | 7.35E-05 | 3.75E-06 | 3.71E-06 | 3.66E-06 | 3.62E-06 |
| 168179.070484189390 | 168179.07 | 3909605.11 | FENCEGRD | 1.95E-05 | 1.99E-05 | 2.04E-05 | 2.09E-05 | 2.64E-06 | 9.85E-06 | 7.04E-07 | 7.11E-07 | 7.17E-07 | 7.23E-07 |
| 168190.518984189390 | 168190.52 | 3909583.35 | FENCEGRD | 1.89E-05 | 1.93E-05 | 1.98E-05 | 2.02E-05 | 2.62E-06 | 9.90E-06 | 7.06E-07 | 7.13E-07 | 7.19E-07 | 7.26E-07 |
| 168201.967484189390 | 168201.97 | 3909561.59 | FENCEGRD | 1.82E-05 | 1.86E-05 | 1.90E-05 | 1.95E-05 | 2.59E | | | | | |

Project Ground Level Concentrations-0<2

| | | | | 0<2 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167691.681442745390 | 167691.68 | 3908875.12 | FENCEGRD | 4.44E-04 | 4.04E-04 | 3.61E-04 | 3.29E-04 | 1.46E-05 | 1.37E-04 | 5.66E-06 | 5.39E-06 | 5.14E-06 | 4.90E-06 |
| 167670.783442745390 | 167670.78 | 3908888.20 | FENCEGRD | 3.74E-04 | 3.37E-04 | 2.99E-04 | 2.71E-04 | 1.31E-05 | 1.18E-04 | 4.77E-06 | 4.53E-06 | 4.29E-06 | 4.09E-06 |
| 167762.006885491390 | 167762.01 | 3908801.59 | FENCEGRD | 4.80E-04 | 4.52E-04 | 4.21E-04 | 3.96E-04 | 1.66E-05 | 1.58E-04 | 6.90E-06 | 6.68E-06 | 6.47E-06 | 6.27E-06 |
| 167741.108885491390 | 167741.11 | 3908814.67 | FENCEGRD | 4.51E-04 | 4.22E-04 | 3.90E-04 | 3.63E-04 | 1.55E-05 | 1.30E-04 | 6.31E-06 | 6.08E-06 | 5.87E-06 | 5.67E-06 |
| 167720.210885491390 | 167720.21 | 3908827.76 | FENCEGRD | 4.17E-04 | 3.87E-04 | 3.54E-04 | 3.28E-04 | 1.44E-05 | 1.08E-04 | 5.69E-06 | 5.47E-06 | 5.26E-06 | 5.06E-06 |
| 167699.312885491390 | 167699.31 | 3908840.84 | FENCEGRD | 3.71E-04 | 3.41E-04 | 3.10E-04 | 2.85E-04 | 1.31E-05 | 8.97E-05 | 4.98E-06 | 4.77E-06 | 4.57E-06 | 4.38E-06 |
| 167678.414885491390 | 167678.41 | 3908853.93 | FENCEGRD | 3.26E-04 | 2.98E-04 | 2.68E-04 | 2.46E-04 | 1.20E-05 | 7.85E-05 | 4.33E-06 | 4.13E-06 | 3.94E-06 | 3.77E-06 |
| 167657.516885491390 | 167657.52 | 3908867.01 | FENCEGRD | 2.79E-04 | 2.53E-04 | 2.27E-04 | 2.08E-04 | 1.08E-05 | 7.19E-05 | 3.69E-06 | 3.51E-06 | 3.35E-06 | 3.20E-06 |
| 167794.142777813390 | 167794.14 | 3908784.69 | FENCEGRD | 4.99E-04 | 4.82E-04 | 4.60E-04 | 4.36E-04 | 1.81E-05 | 1.92E-04 | 7.67E-06 | 7.50E-06 | 7.31E-06 | 7.11E-06 |
| 167816.844002601390 | 167816.84 | 3908786.84 | FENCEGRD | 5.18E-04 | 5.06E-04 | 4.93E-04 | 4.82E-04 | 1.99E-05 | 2.37E-04 | 8.15E-06 | 8.05E-06 | 7.94E-06 | 7.84E-06 |
| 167748.740328236390 | 167748.74 | 3908780.40 | FENCEGRD | 3.84E-04 | 3.61E-04 | 3.35E-04 | 3.14E-04 | 1.42E-05 | 1.08E-04 | 5.65E-06 | 5.47E-06 | 5.28E-06 | 5.11E-06 |
| 167727.842328236390 | 167727.84 | 3908793.49 | FENCEGRD | 3.61E-04 | 3.36E-04 | 3.10E-04 | 2.89E-04 | 1.33E-05 | 9.01E-05 | 5.18E-06 | 4.99E-06 | 4.81E-06 | 4.64E-06 |
| 167706.944328236390 | 167706.94 | 3908806.57 | FENCEGRD | 3.27E-04 | 3.03E-04 | 2.78E-04 | 2.58E-04 | 1.23E-05 | 7.32E-05 | 4.61E-06 | 4.43E-06 | 4.26E-06 | 4.10E-06 |
| 167686.046328236390 | 167686.05 | 3908819.65 | FENCEGRD | 2.93E-04 | 2.70E-04 | 2.46E-04 | 2.27E-04 | 1.13E-05 | 6.13E-05 | 4.07E-06 | 3.90E-06 | 3.74E-06 | 3.59E-06 |
| 167665.148328236390 | 167665.15 | 3908832.74 | FENCEGRD | 2.56E-04 | 2.35E-04 | 2.13E-04 | 1.97E-04 | 1.03E-05 | 5.33E-05 | 3.51E-06 | 3.36E-06 | 3.22E-06 | 3.09E-06 |
| 167644.250328236390 | 167644.25 | 3908845.82 | FENCEGRD | 2.19E-04 | 2.01E-04 | 1.83E-04 | 1.69E-04 | 9.21E-06 | 4.87E-05 | 2.98E-06 | 2.85E-06 | 2.73E-06 | 2.62E-06 |
| 167783.903050533908 | 167783.90 | 3908763.79 | FENCEGRD | 4.33E-04 | 4.11E-04 | 3.87E-04 | 3.66E-04 | 1.60E-05 | 1.52E-04 | 6.65E-06 | 6.46E-06 | 6.28E-06 | 6.10E-06 |
| 167808.117690304390 | 167808.12 | 3908766.08 | FENCEGRD | 4.71E-04 | 4.59E-04 | 4.41E-04 | 4.21E-04 | 1.79E-05 | 1.88E-04 | 7.54E-06 | 7.39E-06 | 7.24E-06 | 7.07E-06 |
| 167868.842829443390 | 167868.84 | 3908842.58 | FENCEGRD | 5.95E-04 | 5.85E-04 | 5.73E-04 | 5.62E-04 | 2.17E-05 | 2.55E-04 | 9.98E-06 | 9.81E-06 | 9.63E-06 | 9.46E-06 |
| 167735.473770981390 | 167735.47 | 3908759.21 | FENCEGRD | 3.22E-04 | 3.01E-04 | 2.79E-04 | 2.62E-04 | 1.25E-05 | 8.33E-05 | 4.84E-06 | 4.68E-06 | 4.52E-06 | 4.37E-06 |
| 167714.575770981390 | 167714.58 | 3908772.30 | FENCEGRD | 2.97E-04 | 2.76E-04 | 2.55E-04 | 2.38E-04 | 1.17E-05 | 6.85E-05 | 4.37E-06 | 4.21E-06 | 4.06E-06 | 3.92E-06 |
| 167693.677770981390 | 167693.68 | 3908785.38 | FENCEGRD | 2.68E-04 | 2.49E-04 | 2.28E-04 | 2.12E-04 | 1.07E-05 | 5.61E-05 | 3.88E-06 | 3.73E-06 | 3.59E-06 | 3.45E-06 |
| 167672.779770981390 | 167672.78 | 3908798.46 | FENCEGRD | 2.38E-04 | 2.20E-04 | 2.01E-04 | 1.87E-04 | 9.82E-06 | 4.66E-05 | 3.39E-06 | 3.25E-06 | 3.12E-06 | 3.00E-06 |
| 167651.881770981390 | 167651.88 | 3908811.55 | FENCEGRD | 2.08E-04 | 1.92E-04 | 1.76E-04 | 1.63E-04 | 8.88E-06 | 4.00E-05 | 2.92E-06 | 2.80E-06 | 2.69E-06 | 2.59E-06 |
| 167630.983770981390 | 167630.98 | 3908824.63 | FENCEGRD | 1.79E-04 | 1.65E-04 | 1.52E-04 | 1.42E-04 | 7.95E-06 | 3.59E-05 | 2.48E-06 | 2.38E-06 | 2.29E-06 | 2.21E-06 |
| 167731.641881263908 | 167731.64 | 3908718.98 | FENCEGRD | 2.66E-04 | 2.49E-04 | 2.32E-04 | 2.18E-04 | 1.11E-05 | 6.89E-05 | 4.19E-06 | 4.06E-06 | 3.92E-06 | 3.80E-06 |
| 167754.343106049390 | 167754.34 | 3908721.12 | FENCEGRD | 3.08E-04 | 2.90E-04 | 2.71E-04 | 2.55E-04 | 1.25E-05 | 8.94E-05 | 4.90E-06 | 4.75E-06 | 4.60E-06 | 4.46E-06 |
| 167777.044330837390 | 167777.04 | 3908723.27 | FENCEGRD | 3.51E-04 | 3.33E-04 | 3.13E-04 | 2.96E-04 | 1.40E-05 | 1.15E-04 | 5.65E-06 | 5.49E-06 | 5.33E-06 | 5.18E-06 |
| 167799.74555625390 | 167799.75 | 3908725.42 | FENCEGRD | 3.86E-04 | 3.72E-04 | 3.53E-04 | 3.36E-04 | 1.55E-05 | 1.37E-04 | 6.37E-06 | 6.23E-06 | 6.07E-06 | 5.91E-06 |
| 167822.446780414390 | 167822.45 | 3908727.56 | FENCEGRD | 4.07E-04 | 3.97E-04 | 3.86E-04 | 3.73E-04 | 1.69E-05 | 1.61E-04 | 6.89E-06 | 6.81E-06 | 6.69E-06 | 6.57E-06 |
| 167845.148005202390 | 167845.15 | 3908729.71 | FENCEGRD | 4.26E-04 | 4.17E-04 | 4.08E-04 | 3.99E-04 | 1.81E-05 | 1.84E-04 | 7.29E-06 | 7.22E-06 | 7.13E-06 | 7.06E-06 |
| 167902.077823145390 | 167902.08 | 3908801.43 | FENCEGRD | 5.29E-04 | 5.21E-04 | 5.11E-04 | 5.02E-04 | 2.05E-05 | 2.46E-04 | 8.99E-06 | 8.86E-06 | 8.73E-06 | 8.60E-06 |
| 167905.920279267390 | 167905.92 | 3908823.90 | FENCEGRD | 5.36E-04 | 5.30E-04 | 5.24E-04 | 5.16E-04 | 2.15E-05 | 2.37E-04 | 9.87E-06 | 9.73E-06 | 9.58E-06 | 9.44E-06 |
| 167909.762735389390 | 167909.76 | 3908846.38 | FENCEGRD | 5.36E-04 | 5.36E-04 | 5.36E-04 | 5.33E-04 | 2.31E-05 | 2.16E-04 | 1.08E-05 | 1.07E-05 | 1.06E-05 | 1.05E-05 |
| 167913.605191511390 | 167913.61 | 3908868.86 | FENCEGRD | 5.18E-04 | 5.26E-04 | 5.34E-04 | 5.38E-04 | 2.49E-05 | 1.94E-04 | 1.17E-05 | 1.16E-05 | 1.16E-05 | 1.15E-05 |
| 167917.447647633390 | 167917.45 | 3908891.33 | FENCEGRD | 4.95E-04 | 5.10E-04 | 5.27E-04 | 5.39E-04 | 2.69E-05 | 1.73E-04 | 1.23E-05 | 1.24E-05 | 1.24E-05 | 1.23E-05 |
| 167708.940656472390 | 167708.94 | 3908716.83 | FENCEGRD | 2.27E-04 | 2.13E-04 | 1.98E-04 | 1.86E-04 | 9.86E-06 | 5.36E-05 | 3.57E-06 | 3.45E-06 | 3.33E-06 | 3.22E-06 |
| 167688.042656472390 | 167688.04 | 3908729.92 | FENCEGRD | 2.06E-04 | 1.92E-04 | 1.78E-04 | 1.67E-04 | 9.06E-06 | 4.44E-05 | 3.17E-06 | 3.06E-06 | 2.95E-06 | 2.85E-06 |
| 167667.144656472390 | 167667.14 | 3908743.00 | FENCEGRD | 1.84E-04 | 1.72E-04 | 1.59E-04 | 1.50E-04 | 8.27E-06 | 3.69E-05 | 2.78E-06 | 2.69E-06 | 2.59E-06 | 2.50E-06 |
| 167646.246656472390 | 167646.25 | 3908756.08 | FENCEGRD | 1.64E-04 | 1.53E-04 | 1.42E-04 | 1.34E-04 | 7.51E-06 | 3.10E-05 | 2.43E-06 | 2.34E-06 | 2.26E-06 | 2.19E-06 |
| 167625.348656472390 | 167625.35 | 3908769.17 | FENCEGRD | 1.45E-04 | 1.37E-04 | 1.27E-04 | 1.20E-04 | 6.77E-06 | 2.66E-05 | 2.11E-06 | 2.04E-06 | 1.97E-06 | 1.91E-06 |
| 167604.450656472390 | 167604.45 | 3908782.25 | FENCEGRD | 1.29E-04 | 1.21E-04 | 1.13E-04 | 1.07E-04 | 6.07E-06 | 2.36E-05 | 1.83E-06 | 1.78E-06 | 1.72E-06 | 1.67E-06 |
| 167706.622181736390 | 167706.62 | 3908676.74 | FENCEGRD | 1.95E-04 | 1.84E-04 | 1.71E-04 | 1.62E-04 | 8.96E-06 | 4.82E-05 | 3.20E-06 | 3.10E-06 | 3.00E-06 | 2.91E-06 |
| 167730.836821511390 | 167730.84 | 3908679.03 | FENCEGRD | 2.29E-04 | 2.16E-04 | 2.02E-04 | 1.91E-04 | 1.02E-05 | 6.20E-05 | 3.80E-06 | 3.68E-06 | 3.56E-06 | 3.45E-06 |
| 167755.051461285390 | 167755.05 | 3908681.32 | FENCEGRD | 2.68E-04 | 2.53E-04 | 2.38E-04 | 2.25E-04 | 1.16E-05 | 7.95E-05 | 4.49E-06 | 4.35E-06 | 4.22E-06 | 4.10E-06 |
| 167779.266101059390 | 167779.27 | 3908683.61 | FENCEGRD | 2.95E-04 | 2.85E-04 | 2.74E-04 | 2.63E-04 | 1.33E-05 | 9.43E-05 | 5.13E-06 | 5.05E-06 | 4.94E-06 | 4.83E-06 |
| 167803.480740834390 | 167803.48 | 3908685.90 | FENCEGRD | 3.14E-04 | 3.04E-04 | 2.94E-04 | 2.86E-04 | 1.47E-05 | 1.10E-04 | 5.47E-06 | 5.38E-06 | 5.29E-06 | 5.20E-06 |
| 167827.695380608390 | 167827.70 | 3908688.19 | FENCEGRD | 3.38E-04 | 3.29E-04 | 3.20E-04 | 3.12E-04 | 1.56E-05 | 1.30E-04 | 5.92E-06 | 5.84E-06 | 5.75E-06 | 5.67E-06 |
| 167851.910020382390 | 167851.91 | 3908690.47 | FENCEGRD | 3.56E-04 | 3.48E-04 | 3.40E-04 | 3.33E-04 | 1.63E-05 | 1.48E-04 | 6.28E-06 | 6.21E-06 | 6.13E-06 | 6.05E-06 |
| 167876.124660157390 | 167876.12 | 3908692.76 | FENCEGRD | 3.67E-04 | 3.60E-04 | 3.53E-04 | 3.46E-04 | 1.67E-05 | 1.64E-04 | 6.51E-06 | 6.44E-06 | 6.36E-06 | 6.29E-06 |
| 167900.339299931390 | 167900.34 | 3908695.05 | FENCEGRD | 3.86E-04 | 3.79E-04 | 3.72E-04 | 3.67E-04 | 1.76E-05 | 1.80E-04 | 6.92E-06 | 6.86E-06 | 6.78E-06 | 6.72E-06 |
| 167936.849799296390 | 167936.85 | 3908769.26 | FENCEGRD | 5.18E-04 | 5.11E-04 | 5.05E-04 | 4.99E-04 | 2.17E-05 | 2.18E-04 | 9.03E-06 | 8.94E-06 | 8.84E-06 | 8.75E-06 |
| 167940.948419159390 | 167940.95 | 3908793.24 | FENCEGRD | 5.44E-04 | 5.39E-04 | 5.34E-04 | 5.28E-04 | 2.23E-05 | 2.06E-04 | 9.46E-06 | 9.36E-06 | 9.27E-06 | 9.17E-06 |
| 167945.047039022390 | 167945.05 | 3908817.21 | FENCEGRD | 5.67E-04 | 5.66E-04 | 5.65E-04 | 5.61E-04 | 2.33E-05 | 1.91E-04 | 1.00E-05 | 9.97E-06 | 9.88E-06 | 9.80E-06 |
| 167949.145658886390 | 167949.15 | 3908841.19 | FENCEGRD | 5.80E-04 | 5.85E-04 | 5.89E-04 | 5.90E-04 | 2.46E-05 | 1.76E-04 | 1.07E-05 | 1.06E-05 | 1.06E-05 | 1.05E-05 |
| 167953.244278749390 | 167953.24 | 3908865.16 | FENCEGRD | 5.74E-04 | 5.86E-04 | 5.98E-04 | 6.06E-04 | 2.62E-05 | 1.61E-04 | 1.12E-05 | 1.12E-05 | 1.12E-05 | 1.12E-05 |
| 167957.342898613390 | 167957.34 | 3908889.14 | FENCEGRD | 5.49E-04 | 5.67E-04 | 5.86E-04 | 6.01E-04 | 2.78E-05 | 1.46E-04 | 1.15E-05 | 1.15E-05 | 1.16E-05 | 1.17E-05 |
| 167961.441518476390 | 167961.44 | 3908913.11 | FENCEGRD | 5.28E-04 | 5.49E-04 | 5.73E-04 | 5.93E-04 | 2.94E-05 | 1.30E-04 | 1.14E-05 | 1.15E-05 | 1.17E-05 | 1.18E-05 |
| 167682.407541962390 | 167682.41 | 3908674.45 | FENCEGRD | 1.66E-04 | 1.56E-04 | 1.46E-04 | 1.38E-04 | 7.83E-06 | 3.81E-05 | 2.69E-06 | 2.61E-06 | 2.52E-06 | 2.44E-06 |
| 167661.509541962390 | 167661.51 | 3908687.54 | FENCEGRD | 1.49E-04 | 1.41E-04 | 1.32E-04 | 1.25E-04 | 7.14E-06 | 3.19E-05 | 2.37E-06 | 2.30E-06 | 2.22E-06 | 2.16E-06 |
| 167640.611541962390 | 167640.61 | 3908700.62 | FENCEGRD | 1.34E-04 | 1.27E-04 | 1.19E-04 | 1.13E-04 | 6.46E-06 | 2.69E-05 | 2.08E-06 | 2.02E-06 | 1.95E-06 | 1.90E-06 |
| 167619.713541962390 | 167619.71 | 3908713.71 | FENCEGRD | 1.21E-04 | 1.15E-04 | 1.08E | | | | | | | |

Project Ground Level Concentrations-0<2

| | | | | 0<2 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.849192287390 | 168005.85 | 3908937.31 | FENCEGRD | 4.53E-04 | 4.75E-04 | 5.00E-04 | 5.22E-04 | 2.98E-05 | 9.64E-05 | 9.73E-06 | 9.89E-06 | 1.01E-05 | 1.02E-05 |
| 167655.874427453390 | 167655.87 | 3908632.07 | FENCEGRD | 1.23E-04 | 1.17E-04 | 1.10E-04 | 1.05E-04 | 6.20E-06 | 2.82E-05 | 2.05E-06 | 1.99E-06 | 1.93E-06 | 1.88E-06 |
| 167634.976427453390 | 167634.98 | 3908645.16 | FENCEGRD | 1.13E-04 | 1.07E-04 | 1.02E-04 | 9.72E-05 | 5.66E-06 | 2.42E-05 | 1.82E-06 | 1.77E-06 | 1.73E-06 | 1.68E-06 |
| 167614.078427453390 | 167614.08 | 3908658.24 | FENCEGRD | 1.04E-04 | 9.90E-05 | 9.39E-05 | 8.99E-05 | 5.17E-06 | 2.10E-05 | 1.63E-06 | 1.59E-06 | 1.55E-06 | 1.51E-06 |
| 167593.180427453390 | 167593.18 | 3908671.33 | FENCEGRD | 9.56E-05 | 9.13E-05 | 8.66E-05 | 8.29E-05 | 4.73E-06 | 1.84E-05 | 1.47E-06 | 1.44E-06 | 1.40E-06 | 1.37E-06 |
| 167572.282427453390 | 167572.28 | 3908684.41 | FENCEGRD | 8.73E-05 | 8.33E-05 | 7.89E-05 | 7.54E-05 | 4.33E-06 | 1.62E-05 | 1.33E-06 | 1.29E-06 | 1.26E-06 | 1.23E-06 |
| 167551.384427453390 | 167551.38 | 3908697.49 | FENCEGRD | 7.86E-05 | 7.49E-05 | 7.08E-05 | 6.77E-05 | 3.98E-06 | 1.45E-05 | 1.18E-06 | 1.16E-06 | 1.13E-06 | 1.10E-06 |
| 167653.555952718390 | 167653.56 | 3908591.98 | FENCEGRD | 1.11E-04 | 1.05E-04 | 9.99E-05 | 9.56E-05 | 5.73E-06 | 2.67E-05 | 1.89E-06 | 1.84E-06 | 1.79E-06 | 1.75E-06 |
| 167677.770592492390 | 167677.77 | 3908594.27 | FENCEGRD | 1.27E-04 | 1.21E-04 | 1.14E-04 | 1.09E-04 | 6.53E-06 | 3.25E-05 | 2.22E-06 | 2.15E-06 | 2.09E-06 | 2.04E-06 |
| 167701.985232266390 | 167701.99 | 3908596.56 | FENCEGRD | 1.49E-04 | 1.41E-04 | 1.33E-04 | 1.26E-04 | 7.50E-06 | 4.05E-05 | 2.63E-06 | 2.56E-06 | 2.48E-06 | 2.41E-06 |
| 167726.199872043908 | 167726.20 | 3908598.85 | FENCEGRD | 1.72E-04 | 1.64E-04 | 1.55E-04 | 1.47E-04 | 8.58E-06 | 4.87E-05 | 3.11E-06 | 3.03E-06 | 2.94E-06 | 2.86E-06 |
| 167750.414511815390 | 167750.41 | 3908601.14 | FENCEGRD | 1.86E-04 | 1.80E-04 | 1.73E-04 | 1.69E-04 | 9.80E-06 | 5.60E-05 | 3.48E-06 | 3.42E-06 | 3.35E-06 | 3.29E-06 |
| 167774.629151589390 | 167774.63 | 3908603.43 | FENCEGRD | 2.00E-04 | 1.93E-04 | 1.86E-04 | 1.80E-04 | 1.05E-05 | 6.42E-05 | 3.73E-06 | 3.66E-06 | 3.59E-06 | 3.52E-06 |
| 167798.843791363390 | 167798.84 | 3908605.72 | FENCEGRD | 2.15E-04 | 2.08E-04 | 2.00E-04 | 1.94E-04 | 1.10E-05 | 7.42E-05 | 4.01E-06 | 3.94E-06 | 3.86E-06 | 3.79E-06 |
| 167823.058431138390 | 167823.06 | 3908608.00 | FENCEGRD | 2.33E-04 | 2.26E-04 | 2.18E-04 | 2.12E-04 | 1.17E-05 | 8.62E-05 | 4.34E-06 | 4.27E-06 | 4.20E-06 | 4.13E-06 |
| 167847.273070912390 | 167847.27 | 3908610.29 | FENCEGRD | 2.51E-04 | 2.44E-04 | 2.37E-04 | 2.31E-04 | 1.25E-05 | 9.91E-05 | 4.70E-06 | 4.64E-06 | 4.57E-06 | 4.50E-06 |
| 167871.487710686390 | 167871.49 | 3908612.58 | FENCEGRD | 2.66E-04 | 2.60E-04 | 2.54E-04 | 2.48E-04 | 1.32E-05 | 1.11E-04 | 5.02E-06 | 4.96E-06 | 4.89E-06 | 4.83E-06 |
| 167895.702350461390 | 167895.70 | 3908614.87 | FENCEGRD | 2.79E-04 | 2.74E-04 | 2.68E-04 | 2.63E-04 | 1.39E-05 | 1.22E-04 | 5.31E-06 | 5.25E-06 | 5.19E-06 | 5.14E-06 |
| 167919.916990235390 | 167919.92 | 3908617.45 | FENCEGRD | 2.90E-04 | 2.85E-04 | 2.80E-04 | 2.75E-04 | 1.44E-05 | 1.32E-04 | 5.56E-06 | 5.51E-06 | 5.46E-06 | 5.41E-06 |
| 167944.131630009390 | 167944.13 | 3908619.16 | FENCEGRD | 2.98E-04 | 2.94E-04 | 2.89E-04 | 2.86E-04 | 1.49E-05 | 1.42E-04 | 5.77E-06 | 5.72E-06 | 5.67E-06 | 5.62E-06 |
| 167968.346269784390 | 167968.35 | 3908621.74 | FENCEGRD | 3.14E-04 | 3.09E-04 | 3.04E-04 | 3.01E-04 | 1.58E-05 | 1.53E-04 | 6.14E-06 | 6.09E-06 | 6.04E-06 | 5.99E-06 |
| 167996.659529421390 | 167996.66 | 3908648.00 | FENCEGRD | 3.68E-04 | 3.63E-04 | 3.59E-04 | 3.55E-04 | 1.87E-05 | 1.84E-04 | 7.41E-06 | 7.37E-06 | 7.31E-06 | 7.27E-06 |
| 168000.758149285390 | 168000.76 | 3908671.98 | FENCEGRD | 4.00E-04 | 3.95E-04 | 3.91E-04 | 3.87E-04 | 1.98E-05 | 1.96E-04 | 8.01E-06 | 7.97E-06 | 7.91E-06 | 7.87E-06 |
| 168004.856769148390 | 168004.86 | 3908695.95 | FENCEGRD | 4.30E-04 | 4.26E-04 | 4.22E-04 | 4.18E-04 | 2.11E-05 | 2.01E-04 | 8.53E-06 | 8.49E-06 | 8.44E-06 | 8.39E-06 |
| 168008.955389012390 | 168008.96 | 3908719.92 | FENCEGRD | 4.57E-04 | 4.54E-04 | 4.51E-04 | 4.48E-04 | 2.21E-05 | 1.97E-04 | 8.92E-06 | 8.88E-06 | 8.83E-06 | 8.78E-06 |
| 168013.054008875390 | 168013.05 | 3908743.90 | FENCEGRD | 4.80E-04 | 4.79E-04 | 4.78E-04 | 4.76E-04 | 2.29E-05 | 1.88E-04 | 9.27E-06 | 9.24E-06 | 9.19E-06 | 9.15E-06 |
| 168017.152628739390 | 168017.15 | 3908767.87 | FENCEGRD | 5.03E-04 | 5.04E-04 | 5.06E-04 | 5.06E-04 | 2.42E-05 | 1.77E-04 | 9.73E-06 | 9.71E-06 | 9.69E-06 | 9.66E-06 |
| 168021.251248602390 | 168021.25 | 3908791.85 | FENCEGRD | 5.17E-04 | 5.21E-04 | 5.27E-04 | 5.30E-04 | 2.54E-05 | 1.63E-04 | 1.00E-05 | 1.01E-05 | 1.01E-05 | 1.01E-05 |
| 168025.349868465390 | 168025.35 | 3908815.82 | FENCEGRD | 5.20E-04 | 5.29E-04 | 5.38E-04 | 5.44E-04 | 2.64E-05 | 1.49E-04 | 1.02E-05 | 1.03E-05 | 1.03E-05 | 1.03E-05 |
| 168029.448488329390 | 168029.45 | 3908839.80 | FENCEGRD | 5.14E-04 | 5.26E-04 | 5.39E-04 | 5.49E-04 | 2.74E-05 | 1.35E-04 | 1.02E-05 | 1.03E-05 | 1.04E-05 | 1.04E-05 |
| 168033.547108192390 | 168033.55 | 3908863.77 | FENCEGRD | 4.98E-04 | 5.13E-04 | 5.29E-04 | 5.42E-04 | 2.81E-05 | 1.21E-04 | 1.01E-05 | 1.02E-05 | 1.03E-05 | 1.04E-05 |
| 168037.645728056390 | 168037.65 | 3908887.75 | FENCEGRD | 4.72E-04 | 4.89E-04 | 5.08E-04 | 5.24E-04 | 2.86E-05 | 1.08E-04 | 9.79E-06 | 9.91E-06 | 1.00E-05 | 1.02E-05 |
| 168041.744347919390 | 168041.74 | 3908911.72 | FENCEGRD | 4.35E-04 | 4.53E-04 | 4.75E-04 | 4.93E-04 | 2.86E-05 | 9.67E-05 | 9.32E-06 | 9.46E-06 | 9.61E-06 | 9.74E-06 |
| 168045.842967783390 | 168045.84 | 3908935.70 | FENCEGRD | 3.87E-04 | 4.06E-04 | 4.29E-04 | 4.48E-04 | 2.82E-05 | 8.59E-05 | 8.69E-06 | 8.85E-06 | 9.01E-06 | 9.17E-06 |
| 168049.941587646390 | 168049.94 | 3908959.67 | FENCEGRD | 3.33E-04 | 3.52E-04 | 3.74E-04 | 3.93E-04 | 2.75E-05 | 7.62E-05 | 7.92E-06 | 8.09E-06 | 8.26E-06 | 8.43E-06 |
| 167629.341312943390 | 167629.34 | 3908589.69 | FENCEGRD | 9.77E-05 | 9.35E-05 | 8.90E-05 | 8.55E-05 | 5.06E-06 | 2.24E-05 | 1.64E-06 | 1.60E-06 | 1.56E-06 | 1.52E-06 |
| 167608.443312943390 | 167608.44 | 3908602.78 | FENCEGRD | 9.11E-05 | 8.73E-05 | 8.32E-05 | 8.00E-05 | 4.65E-06 | 1.96E-05 | 1.49E-06 | 1.45E-06 | 1.42E-06 | 1.39E-06 |
| 167587.545312943390 | 167587.55 | 3908615.86 | FENCEGRD | 8.47E-05 | 8.12E-05 | 7.74E-05 | 7.43E-05 | 4.28E-06 | 1.73E-05 | 1.35E-06 | 1.32E-06 | 1.30E-06 | 1.27E-06 |
| 167566.647312943390 | 167566.65 | 3908628.95 | FENCEGRD | 7.81E-05 | 7.48E-05 | 7.11E-05 | 6.82E-05 | 3.95E-06 | 1.53E-05 | 1.23E-06 | 1.20E-06 | 1.18E-06 | 1.15E-06 |
| 167545.749312943390 | 167545.75 | 3908642.03 | FENCEGRD | 7.12E-05 | 6.81E-05 | 6.47E-05 | 6.20E-05 | 3.66E-06 | 1.37E-05 | 1.11E-06 | 1.09E-06 | 1.06E-06 | 1.04E-06 |
| 167524.851312943390 | 167524.85 | 3908655.11 | FENCEGRD | 6.44E-05 | 6.16E-05 | 5.86E-05 | 5.62E-05 | 3.41E-06 | 1.23E-05 | 9.93E-07 | 9.70E-07 | 9.47E-07 | 9.25E-07 |
| 167600.489723699390 | 167600.49 | 3908507.23 | FENCEGRD | 7.67E-05 | 7.40E-05 | 7.11E-05 | 6.87E-05 | 4.09E-06 | 1.88E-05 | 1.34E-06 | 1.31E-06 | 1.29E-06 | 1.26E-06 |
| 167624.704363473390 | 167624.70 | 3908509.51 | FENCEGRD | 8.31E-05 | 8.00E-05 | 7.67E-05 | 7.41E-05 | 4.49E-06 | 2.13E-05 | 1.47E-06 | 1.44E-06 | 1.41E-06 | 1.38E-06 |
| 167648.919003247390 | 167648.92 | 3908511.80 | FENCEGRD | 9.12E-05 | 8.76E-05 | 8.38E-05 | 8.07E-05 | 4.98E-06 | 2.45E-05 | 1.65E-06 | 1.61E-06 | 1.58E-06 | 1.54E-06 |
| 167673.133643022390 | 167673.13 | 3908514.09 | FENCEGRD | 1.02E-04 | 9.74E-05 | 9.28E-05 | 8.91E-05 | 5.57E-06 | 2.85E-05 | 1.88E-06 | 1.83E-06 | 1.79E-06 | 1.74E-06 |
| 167697.348282796390 | 167697.35 | 3908516.38 | FENCEGRD | 1.14E-04 | 1.09E-04 | 1.03E-04 | 9.91E-05 | 6.21E-06 | 3.35E-05 | 2.14E-06 | 2.08E-06 | 2.03E-06 | 1.98E-06 |
| 167721.562922573908 | 167721.56 | 3908518.67 | FENCEGRD | 1.29E-04 | 1.23E-04 | 1.17E-04 | 1.12E-04 | 6.96E-06 | 3.97E-05 | 2.46E-06 | 2.39E-06 | 2.33E-06 | 2.28E-06 |
| 167745.777562345390 | 167745.78 | 3908520.96 | FENCEGRD | 1.42E-04 | 1.38E-04 | 1.33E-04 | 1.28E-04 | 7.88E-06 | 4.51E-05 | 2.82E-06 | 2.77E-06 | 2.71E-06 | 2.65E-06 |
| 167769.992202119390 | 167769.99 | 3908523.25 | FENCEGRD | 1.51E-04 | 1.46E-04 | 1.41E-04 | 1.38E-04 | 8.75E-06 | 4.99E-05 | 3.00E-06 | 2.95E-06 | 2.90E-06 | 2.85E-06 |
| 167794.206841893390 | 167794.21 | 3908525.54 | FENCEGRD | 1.61E-04 | 1.56E-04 | 1.51E-04 | 1.46E-04 | 9.07E-06 | 5.59E-05 | 3.20E-06 | 3.14E-06 | 3.09E-06 | 3.04E-06 |
| 167818.421481668390 | 167818.42 | 3908527.82 | FENCEGRD | 1.75E-04 | 1.69E-04 | 1.64E-04 | 1.60E-04 | 9.70E-06 | 6.40E-05 | 3.48E-06 | 3.43E-06 | 3.37E-06 | 3.31E-06 |
| 167842.636121442390 | 167842.64 | 3908530.11 | FENCEGRD | 1.90E-04 | 1.85E-04 | 1.79E-04 | 1.75E-04 | 1.04E-05 | 7.34E-05 | 3.80E-06 | 3.75E-06 | 3.69E-06 | 3.63E-06 |
| 167866.850761216390 | 167866.85 | 3908532.40 | FENCEGRD | 2.03E-04 | 1.99E-04 | 1.93E-04 | 1.89E-04 | 1.11E-05 | 8.27E-05 | 4.09E-06 | 4.04E-06 | 3.98E-06 | 3.93E-06 |
| 167891.065400991390 | 167891.07 | 3908534.69 | FENCEGRD | 2.16E-04 | 2.11E-04 | 2.07E-04 | 2.02E-04 | 1.17E-05 | 9.17E-05 | 4.37E-06 | 4.32E-06 | 4.26E-06 | 4.22E-06 |
| 167915.280040765390 | 167915.28 | 3908536.98 | FENCEGRD | 2.27E-04 | 2.22E-04 | 2.18E-04 | 2.14E-04 | 1.23E-05 | 9.99E-05 | 4.61E-06 | 4.57E-06 | 4.52E-06 | 4.48E-06 |
| 167939.494680539390 | 167939.49 | 3908539.27 | FENCEGRD | 2.37E-04 | 2.33E-04 | 2.29E-04 | 2.26E-04 | 1.29E-05 | 1.08E-04 | 4.86E-06 | 4.82E-06 | 4.78E-06 | 4.74E-06 |
| 167963.709320314390 | 167963.71 | 3908541.56 | FENCEGRD | 2.46E-04 | 2.43E-04 | 2.40E-04 | 2.37E-04 | 1.35E-05 | 1.16E-04 | 5.11E-06 | 5.07E-06 | 5.03E-06 | 5.00E-06 |
| 167987.923960088390 | 167987.92 | 3908543.84 | FENCEGRD | 2.58E-04 | 2.55E-04 | 2.51E-04 | 2.49E-04 | 1.43E-05 | 1.25E-04 | 5.43E-06 | 5.39E-06 | 5.36E-06 | 5.32E-06 |
| 168012.138599862390 | 168012.14 | 3908546.13 | FENCEGRD | 2.74E-04 | 2.70E-04 | 2.67E-04 | 2.63E-04 | 1.50E-05 | 1.40E-04 | 5.98E-06 | 5.95E-06 | 5.91E-06 | 5.85E-06 |
| 168036.353239637390 | 168036.35 | 3908548.42 | FENCEGRD | 2.81E-04 | 2.76E-04 | 2.69E-04 | 2.64E-04 | 1.50E-05 | 1.50E-04 | 6.12E-06 | 6.04E-06 | 5.96E-06 | 5.89E-06 |
| 168064.666499274390 | 168064.67 | 3908574.69 | FENCEGRD | 3.09E-04 | 3.04E-04 | 2.99E-04 | 2.93E-04 | 1.65E-05 | 1.64E-04 | 6.83E-06 | 6.76E-06 | 6.68E-06 | 6.59E-06 |
| 168068.765119138390 | 168068.77 | 3908598.66 | FENCEGRD | 3.30E-04 | 3.26E-04 | 3.22 | | | | | | | |

Project Ground Level Concentrations-0<2

| | | | | 0<2 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167471.785083924390 | 167471.79 | 3908570.36 | FENCEGRD | 4.87E-05 | 4.69E-05 | 4.49E-05 | 4.33E-05 | 2.72E-06 | 1.00E-05 | 7.63E-07 | 7.47E-07 | 7.31E-07 | 7.16E-07 |
| 167547.423494683908 | 167547.42 | 3908422.47 | FENCEGRD | 5.42E-05 | 5.33E-05 | 5.25E-05 | 5.19E-05 | 3.36E-06 | 1.36E-05 | 1.03E-06 | 1.02E-06 | 1.01E-06 | 1.00E-06 |
| 167571.638134454390 | 167571.64 | 3908424.76 | FENCEGRD | 5.91E-05 | 5.83E-05 | 5.75E-05 | 5.70E-05 | 3.67E-06 | 1.53E-05 | 1.13E-06 | 1.12E-06 | 1.11E-06 | 1.10E-06 |
| 167595.852774228390 | 167595.85 | 3908427.04 | FENCEGRD | 6.42E-05 | 6.34E-05 | 6.28E-05 | 6.24E-05 | 3.96E-06 | 1.73E-05 | 1.24E-06 | 1.23E-06 | 1.22E-06 | 1.21E-06 |
| 167620.067414003390 | 167620.07 | 3908429.33 | FENCEGRD | 6.96E-05 | 6.87E-05 | 6.80E-05 | 6.75E-05 | 4.27E-06 | 1.96E-05 | 1.37E-06 | 1.35E-06 | 1.34E-06 | 1.33E-06 |
| 167644.282053777390 | 167644.28 | 3908431.62 | FENCEGRD | 7.59E-05 | 7.47E-05 | 7.39E-05 | 7.21E-05 | 4.63E-06 | 2.21E-05 | 1.51E-06 | 1.49E-06 | 1.48E-06 | 1.45E-06 |
| 167668.496693551390 | 167668.50 | 3908433.91 | FENCEGRD | 8.34E-05 | 8.20E-05 | 7.97E-05 | 7.73E-05 | 5.03E-06 | 2.51E-05 | 1.68E-06 | 1.66E-06 | 1.63E-06 | 1.60E-06 |
| 167692.711333325390 | 167692.71 | 3908436.20 | FENCEGRD | 9.26E-05 | 8.99E-05 | 8.64E-05 | 8.33E-05 | 5.47E-06 | 2.87E-05 | 1.87E-06 | 1.83E-06 | 1.79E-06 | 1.75E-06 |
| 167716.925973139084 | 167716.93 | 3908438.49 | FENCEGRD | 1.02E-04 | 9.85E-05 | 9.42E-05 | 9.07E-05 | 5.96E-06 | 3.28E-05 | 2.07E-06 | 2.03E-06 | 1.98E-06 | 1.94E-06 |
| 167741.140612874390 | 167741.14 | 3908440.78 | FENCEGRD | 1.12E-04 | 1.08E-04 | 1.04E-04 | 9.96E-05 | 6.51E-06 | 3.73E-05 | 2.30E-06 | 2.26E-06 | 2.20E-06 | 2.16E-06 |
| 167765.355252648390 | 167765.36 | 3908443.07 | FENCEGRD | 1.20E-04 | 1.17E-04 | 1.14E-04 | 1.10E-04 | 7.20E-06 | 4.17E-05 | 2.54E-06 | 2.51E-06 | 2.47E-06 | 2.42E-06 |
| 167789.569892423390 | 167789.57 | 3908445.35 | FENCEGRD | 1.28E-04 | 1.25E-04 | 1.21E-04 | 1.19E-04 | 7.92E-06 | 4.59E-05 | 2.71E-06 | 2.67E-06 | 2.63E-06 | 2.59E-06 |
| 167813.784532197390 | 167813.78 | 3908447.64 | FENCEGRD | 1.38E-04 | 1.34E-04 | 1.31E-04 | 1.28E-04 | 8.38E-06 | 5.14E-05 | 2.92E-06 | 2.89E-06 | 2.84E-06 | 2.80E-06 |
| 167837.999171971390 | 167838.00 | 3908449.93 | FENCEGRD | 1.48E-04 | 1.44E-04 | 1.41E-04 | 1.37E-04 | 8.87E-06 | 5.75E-05 | 3.14E-06 | 3.10E-06 | 3.06E-06 | 3.01E-06 |
| 167862.213811746390 | 167862.21 | 3908452.22 | FENCEGRD | 1.60E-04 | 1.56E-04 | 1.52E-04 | 1.49E-04 | 9.52E-06 | 6.49E-05 | 3.42E-06 | 3.38E-06 | 3.33E-06 | 3.29E-06 |
| 167886.428451523908 | 167886.43 | 3908454.51 | FENCEGRD | 1.72E-04 | 1.68E-04 | 1.64E-04 | 1.61E-04 | 1.02E-05 | 7.26E-05 | 3.69E-06 | 3.65E-06 | 3.60E-06 | 3.56E-06 |
| 167910.643091294390 | 167910.64 | 3908456.80 | FENCEGRD | 1.82E-04 | 1.79E-04 | 1.75E-04 | 1.72E-04 | 1.08E-05 | 7.99E-05 | 3.94E-06 | 3.90E-06 | 3.86E-06 | 3.82E-06 |
| 167934.857731068390 | 167934.86 | 3908459.09 | FENCEGRD | 1.92E-04 | 1.89E-04 | 1.85E-04 | 1.82E-04 | 1.14E-05 | 8.71E-05 | 4.18E-06 | 4.15E-06 | 4.11E-06 | 4.07E-06 |
| 167959.072370843390 | 167959.07 | 3908461.38 | FENCEGRD | 2.02E-04 | 1.99E-04 | 1.96E-04 | 1.93E-04 | 1.20E-05 | 9.53E-05 | 4.48E-06 | 4.45E-06 | 4.42E-06 | 4.39E-06 |
| 167983.287010617390 | 167983.29 | 3908463.66 | FENCEGRD | 2.12E-04 | 2.09E-04 | 2.06E-04 | 2.03E-04 | 1.23E-05 | 1.04E-04 | 4.79E-06 | 4.76E-06 | 4.72E-06 | 4.68E-06 |
| 168007.501650391390 | 168007.50 | 3908465.95 | FENCEGRD | 2.19E-04 | 2.14E-04 | 2.09E-04 | 2.05E-04 | 1.24E-05 | 1.12E-04 | 4.91E-06 | 4.85E-06 | 4.79E-06 | 4.73E-06 |
| 168031.716290166390 | 168031.72 | 3908468.24 | FENCEGRD | 2.20E-04 | 2.16E-04 | 2.11E-04 | 2.06E-04 | 1.25E-05 | 1.14E-04 | 4.94E-06 | 4.87E-06 | 4.82E-06 | 4.76E-06 |
| 168055.930929943908 | 168055.93 | 3908470.53 | FENCEGRD | 2.24E-04 | 2.19E-04 | 2.15E-04 | 2.10E-04 | 1.27E-05 | 1.18E-04 | 5.06E-06 | 4.99E-06 | 4.94E-06 | 4.88E-06 |
| 168080.145569714390 | 168080.15 | 3908472.82 | FENCEGRD | 2.28E-04 | 2.24E-04 | 2.19E-04 | 2.15E-04 | 1.30E-05 | 1.22E-04 | 5.19E-06 | 5.13E-06 | 5.07E-06 | 5.02E-06 |
| 168104.360209489390 | 168104.36 | 3908475.11 | FENCEGRD | 2.32E-04 | 2.28E-04 | 2.23E-04 | 2.19E-04 | 1.34E-05 | 1.27E-04 | 5.35E-06 | 5.29E-06 | 5.23E-06 | 5.17E-06 |
| 168132.673469126390 | 168132.67 | 3908501.37 | FENCEGRD | 2.57E-04 | 2.53E-04 | 2.48E-04 | 2.44E-04 | 1.48E-05 | 1.44E-04 | 6.02E-06 | 5.95E-06 | 5.88E-06 | 5.82E-06 |
| 168136.772088993908 | 168136.77 | 3908525.35 | FENCEGRD | 2.75E-04 | 2.72E-04 | 2.67E-04 | 2.62E-04 | 1.58E-05 | 1.52E-04 | 6.46E-06 | 6.39E-06 | 6.32E-06 | 6.26E-06 |
| 168140.870708853390 | 168140.87 | 3908549.32 | FENCEGRD | 2.92E-04 | 2.90E-04 | 2.86E-04 | 2.82E-04 | 1.68E-05 | 1.57E-04 | 6.88E-06 | 6.83E-06 | 6.77E-06 | 6.70E-06 |
| 168144.969328717390 | 168144.97 | 3908573.30 | FENCEGRD | 3.10E-04 | 3.07E-04 | 3.03E-04 | 2.98E-04 | 1.76E-05 | 1.63E-04 | 7.24E-06 | 7.18E-06 | 7.11E-06 | 7.04E-06 |
| 168149.067948583908 | 168149.07 | 3908597.27 | FENCEGRD | 3.26E-04 | 3.24E-04 | 3.22E-04 | 3.20E-04 | 1.89E-05 | 1.63E-04 | 7.61E-06 | 7.60E-06 | 7.58E-06 | 7.54E-06 |
| 168153.166568444390 | 168153.17 | 3908621.24 | FENCEGRD | 3.39E-04 | 3.38E-04 | 3.38E-04 | 3.37E-04 | 1.99E-05 | 1.59E-04 | 7.72E-06 | 7.72E-06 | 7.70E-06 | 7.69E-06 |
| 168157.265188307390 | 168157.27 | 3908645.22 | FENCEGRD | 3.51E-04 | 3.51E-04 | 3.52E-04 | 3.52E-04 | 2.06E-05 | 1.55E-04 | 7.92E-06 | 7.92E-06 | 7.91E-06 | 7.91E-06 |
| 168161.363808171390 | 168161.36 | 3908669.19 | FENCEGRD | 3.61E-04 | 3.63E-04 | 3.66E-04 | 3.67E-04 | 2.15E-05 | 1.51E-04 | 8.17E-06 | 8.18E-06 | 8.19E-06 | 8.20E-06 |
| 168165.462428034390 | 168165.46 | 3908693.17 | FENCEGRD | 3.65E-04 | 3.69E-04 | 3.73E-04 | 3.76E-04 | 2.20E-05 | 1.42E-04 | 8.23E-06 | 8.26E-06 | 8.28E-06 | 8.30E-06 |
| 168169.561047897390 | 168169.56 | 3908717.14 | FENCEGRD | 3.64E-04 | 3.69E-04 | 3.75E-04 | 3.79E-04 | 2.23E-05 | 1.32E-04 | 8.19E-06 | 8.24E-06 | 8.28E-06 | 8.32E-06 |
| 168173.659667761390 | 168173.66 | 3908741.12 | FENCEGRD | 3.59E-04 | 3.65E-04 | 3.72E-04 | 3.78E-04 | 2.26E-05 | 1.22E-04 | 8.10E-06 | 8.15E-06 | 8.21E-06 | 8.26E-06 |
| 168177.758287624390 | 168177.76 | 3908765.09 | FENCEGRD | 3.54E-04 | 3.62E-04 | 3.71E-04 | 3.78E-04 | 2.32E-05 | 1.13E-04 | 8.05E-06 | 8.12E-06 | 8.19E-06 | 8.25E-06 |
| 168181.856907488390 | 168181.86 | 3908789.07 | FENCEGRD | 3.49E-04 | 3.58E-04 | 3.68E-04 | 3.76E-04 | 2.37E-05 | 1.06E-04 | 7.99E-06 | 8.07E-06 | 8.15E-06 | 8.23E-06 |
| 168185.955527351390 | 168185.96 | 3908813.04 | FENCEGRD | 3.36E-04 | 3.46E-04 | 3.57E-04 | 3.66E-04 | 2.37E-05 | 9.67E-05 | 7.76E-06 | 7.85E-06 | 7.95E-06 | 8.03E-06 |
| 168190.054147215390 | 168190.05 | 3908837.02 | FENCEGRD | 3.16E-04 | 3.27E-04 | 3.39E-04 | 3.49E-04 | 2.35E-05 | 8.77E-05 | 7.42E-06 | 7.52E-06 | 7.62E-06 | 7.72E-06 |
| 168194.152767078390 | 168194.15 | 3908860.99 | FENCEGRD | 2.93E-04 | 3.04E-04 | 3.17E-04 | 3.28E-04 | 2.31E-05 | 7.93E-05 | 7.02E-06 | 7.13E-06 | 7.24E-06 | 7.34E-06 |
| 168198.251386942390 | 168198.25 | 3908884.97 | FENCEGRD | 2.68E-04 | 2.79E-04 | 2.93E-04 | 3.04E-04 | 2.26E-05 | 7.17E-05 | 6.58E-06 | 6.69E-06 | 6.81E-06 | 6.92E-06 |
| 168202.350006805390 | 168202.35 | 3908908.94 | FENCEGRD | 2.36E-04 | 2.47E-04 | 2.59E-04 | 2.70E-04 | 2.16E-05 | 6.38E-05 | 5.98E-06 | 6.09E-06 | 6.20E-06 | 6.31E-06 |
| 168206.448626668390 | 168206.45 | 3908932.92 | FENCEGRD | 2.07E-04 | 2.16E-04 | 2.27E-04 | 2.38E-04 | 2.05E-05 | 5.71E-05 | 5.38E-06 | 5.48E-06 | 5.59E-06 | 5.69E-06 |
| 168210.547246532390 | 168210.55 | 3908956.89 | FENCEGRD | 1.83E-04 | 1.91E-04 | 2.01E-04 | 2.10E-04 | 1.94E-05 | 5.14E-05 | 4.83E-06 | 4.92E-06 | 5.01E-06 | 5.11E-06 |
| 168214.645866395390 | 168214.65 | 3908980.87 | FENCEGRD | 1.65E-04 | 1.72E-04 | 1.80E-04 | 1.87E-04 | 1.82E-05 | 4.65E-05 | 4.34E-06 | 4.42E-06 | 4.50E-06 | 4.58E-06 |
| 168218.744486259390 | 168218.74 | 3909004.84 | FENCEGRD | 1.48E-04 | 1.54E-04 | 1.61E-04 | 1.67E-04 | 1.68E-05 | 4.21E-05 | 3.91E-06 | 3.97E-06 | 4.04E-06 | 4.10E-06 |
| 168222.843106122390 | 168222.84 | 3909028.82 | FENCEGRD | 1.32E-04 | 1.37E-04 | 1.43E-04 | 1.49E-04 | 1.53E-05 | 3.84E-05 | 3.53E-06 | 3.59E-06 | 3.64E-06 | 3.70E-06 |
| 168226.941725986390 | 168226.94 | 3909052.79 | FENCEGRD | 1.16E-04 | 1.21E-04 | 1.27E-04 | 1.32E-04 | 1.39E-05 | 3.51E-05 | 3.21E-06 | 3.26E-06 | 3.31E-06 | 3.36E-06 |
| 167523.208854905390 | 167523.21 | 3908420.18 | FENCEGRD | 4.94E-05 | 4.86E-05 | 4.77E-05 | 4.71E-05 | 3.12E-06 | 1.22E-05 | 9.44E-07 | 9.35E-07 | 9.23E-07 | 9.13E-07 |
| 167502.310854905390 | 167502.31 | 3908433.26 | FENCEGRD | 4.81E-05 | 4.73E-05 | 4.66E-05 | 4.61E-05 | 3.09E-06 | 1.15E-05 | 9.05E-07 | 8.96E-07 | 8.84E-07 | 8.74E-07 |
| 167481.412854905390 | 167481.41 | 3908446.35 | FENCEGRD | 4.71E-05 | 4.65E-05 | 4.60E-05 | 4.54E-05 | 2.93E-06 | 1.09E-05 | 8.66E-07 | 8.58E-07 | 8.47E-07 | 8.37E-07 |
| 167460.514854905390 | 167460.51 | 3908459.43 | FENCEGRD | 4.66E-05 | 4.54E-05 | 4.39E-05 | 4.24E-05 | 2.72E-06 | 1.03E-05 | 8.05E-07 | 7.92E-07 | 7.76E-07 | 7.61E-07 |
| 167439.616854905390 | 167439.62 | 3908472.51 | FENCEGRD | 4.39E-05 | 4.24E-05 | 4.08E-05 | 3.95E-05 | 2.51E-06 | 9.77E-06 | 7.25E-07 | 7.11E-07 | 6.97E-07 | 6.84E-07 |
| 167418.718854905390 | 167418.72 | 3908485.60 | FENCEGRD | 4.09E-05 | 3.96E-05 | 3.81E-05 | 3.69E-05 | 2.30E-06 | 9.07E-06 | 6.53E-07 | 6.41E-07 | 6.29E-07 | 6.17E-07 |
| 167494.357265661390 | 167494.36 | 3908337.71 | FENCEGRD | 3.21E-05 | 3.15E-05 | 3.09E-05 | 3.03E-05 | 2.27E-06 | 9.27E-06 | 6.92E-07 | 6.84E-07 | 6.74E-07 | 6.65E-07 |
| 167518.571905435390 | 167518.57 | 3908340.00 | FENCEGRD | 3.58E-05 | 3.51E-05 | 3.44E-05 | 3.39E-05 | 2.43E-06 | 1.03E-05 | 7.59E-07 | 7.50E-07 | 7.41E-07 | 7.32E-07 |
| 167542.786545209390 | 167542.79 | 3908342.29 | FENCEGRD | 3.95E-05 | 3.89E-05 | 3.82E-05 | 3.76E-05 | 2.61E-06 | 1.15E-05 | 8.25E-07 | 8.17E-07 | 8.08E-07 | 8.00E-07 |
| 167567.001184984390 | 167567.00 | 3908344.57 | FENCEGRD | 4.30E-05 | 4.24E-05 | 4.17E-05 | 4.12E-05 | 2.81E-06 | 1.27E-05 | 8.92E-07 | 8.84E-07 | 8.75E-07 | 8.66E-07 |
| 167591.215824758390 | 167591.22 | 3908346.86 | FENCEGRD | 4.63E-05 | 4.57E-05 | 4.50E-05 | 4.46E-05 | 3.04E-06 | 1.41E-05 | 9.61E-07 | 9.53E-07 | 9.43E-07 | 9.34E-07 |
| 167615.430464532390 | 167615.43 | 3908349.15 | FENCEGRD | 4.97E-05 | 4.89E-05 | 4.82E-05 | 4.77E-05 | 3.29E-06 | 1.56E-05 | 1.04E-06 | 1.03E-06 | 1.02E-06 | 1.01E-06 |
| 167639.645104307390 | 167639.65 | 3908351.44 | FENCEGRD | 5.33E-05 | 5.24E-05 | 5.15 | | | | | | | |

Project Ground Level Concentrations-0<2

| | | | | 0<2 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168200.680438979390 | 168200.68 | 3908428.06 | FENCEGRD | 2.20E-04 | 2.17E-04 | 2.13E-04 | 2.10E-04 | 1.37E-05 | 1.27E-04 | 5.47E-06 | 5.42E-06 | 5.36E-06 | 5.31E-06 |
| 168204.779058843390 | 168204.78 | 3908452.03 | FENCEGRD | 2.33E-04 | 2.30E-04 | 2.27E-04 | 2.24E-04 | 1.44E-05 | 1.33E-04 | 5.81E-06 | 5.75E-06 | 5.70E-06 | 5.64E-06 |
| 168208.877678706390 | 168208.88 | 3908476.01 | FENCEGRD | 2.46E-04 | 2.44E-04 | 2.41E-04 | 2.38E-04 | 1.52E-05 | 1.38E-04 | 6.14E-06 | 6.10E-06 | 6.04E-06 | 5.99E-06 |
| 168212.976298573908 | 168212.98 | 3908499.98 | FENCEGRD | 2.59E-04 | 2.58E-04 | 2.55E-04 | 2.53E-04 | 1.62E-05 | 1.41E-04 | 6.44E-06 | 6.43E-06 | 6.40E-06 | 6.36E-06 |
| 168217.074918433390 | 168217.07 | 3908523.96 | FENCEGRD | 2.72E-04 | 2.70E-04 | 2.69E-04 | 2.67E-04 | 1.72E-05 | 1.42E-04 | 6.61E-06 | 6.60E-06 | 6.58E-06 | 6.57E-06 |
| 168221.173538297390 | 168221.17 | 3908547.93 | FENCEGRD | 2.82E-04 | 2.82E-04 | 2.81E-04 | 2.80E-04 | 1.76E-05 | 1.41E-04 | 6.75E-06 | 6.75E-06 | 6.73E-06 | 6.72E-06 |
| 168225.272158163908 | 168225.27 | 3908571.90 | FENCEGRD | 2.93E-04 | 2.93E-04 | 2.93E-04 | 2.93E-04 | 1.83E-05 | 1.40E-04 | 6.97E-06 | 6.97E-06 | 6.96E-06 | 6.95E-06 |
| 168229.370778023390 | 168229.37 | 3908595.88 | FENCEGRD | 3.03E-04 | 3.04E-04 | 3.05E-04 | 3.05E-04 | 1.91E-05 | 1.39E-04 | 7.22E-06 | 7.23E-06 | 7.24E-06 | 7.24E-06 |
| 168233.469397887390 | 168233.47 | 3908619.85 | FENCEGRD | 3.11E-04 | 3.13E-04 | 3.15E-04 | 3.16E-04 | 2.00E-05 | 1.37E-04 | 7.44E-06 | 7.46E-06 | 7.48E-06 | 7.49E-06 |
| 168237.568017753908 | 168237.57 | 3908643.83 | FENCEGRD | 3.16E-04 | 3.19E-04 | 3.22E-04 | 3.24E-04 | 2.07E-05 | 1.33E-04 | 7.59E-06 | 7.63E-06 | 7.65E-06 | 7.68E-06 |
| 168241.666637614390 | 168241.67 | 3908667.80 | FENCEGRD | 3.19E-04 | 3.23E-04 | 3.27E-04 | 3.30E-04 | 2.13E-05 | 1.27E-04 | 7.66E-06 | 7.71E-06 | 7.75E-06 | 7.79E-06 |
| 168245.765257477390 | 168245.77 | 3908691.78 | FENCEGRD | 3.19E-04 | 3.24E-04 | 3.29E-04 | 3.33E-04 | 2.18E-05 | 1.21E-04 | 7.67E-06 | 7.73E-06 | 7.78E-06 | 7.83E-06 |
| 168249.863877341390 | 168249.86 | 3908715.75 | FENCEGRD | 3.16E-04 | 3.21E-04 | 3.28E-04 | 3.33E-04 | 2.20E-05 | 1.13E-04 | 7.59E-06 | 7.65E-06 | 7.72E-06 | 7.78E-06 |
| 168253.962497204390 | 168253.96 | 3908739.73 | FENCEGRD | 3.06E-04 | 3.13E-04 | 3.20E-04 | 3.26E-04 | 2.19E-05 | 1.03E-04 | 7.35E-06 | 7.42E-06 | 7.49E-06 | 7.55E-06 |
| 168258.061117067390 | 168258.06 | 3908763.70 | FENCEGRD | 2.89E-04 | 2.96E-04 | 3.04E-04 | 3.11E-04 | 2.12E-05 | 9.27E-05 | 6.95E-06 | 7.02E-06 | 7.09E-06 | 7.16E-06 |
| 168262.159736931390 | 168262.16 | 3908787.68 | FENCEGRD | 2.72E-04 | 2.80E-04 | 2.89E-04 | 2.97E-04 | 2.08E-05 | 8.46E-05 | 6.65E-06 | 6.72E-06 | 6.80E-06 | 6.88E-06 |
| 168266.258356794390 | 168266.26 | 3908811.65 | FENCEGRD | 2.55E-04 | 2.63E-04 | 2.73E-04 | 2.81E-04 | 2.04E-05 | 7.72E-05 | 6.33E-06 | 6.41E-06 | 6.50E-06 | 6.58E-06 |
| 168270.356976658390 | 168270.36 | 3908835.63 | FENCEGRD | 2.33E-04 | 2.42E-04 | 2.51E-04 | 2.60E-04 | 1.98E-05 | 7.00E-05 | 5.95E-06 | 6.03E-06 | 6.12E-06 | 6.21E-06 |
| 168274.455596521390 | 168274.46 | 3908859.60 | FENCEGRD | 2.10E-04 | 2.19E-04 | 2.28E-04 | 2.37E-04 | 1.91E-05 | 6.33E-05 | 5.52E-06 | 5.61E-06 | 5.70E-06 | 5.79E-06 |
| 168278.554216385390 | 168278.55 | 3908883.58 | FENCEGRD | 1.91E-04 | 1.99E-04 | 2.08E-04 | 2.17E-04 | 1.85E-05 | 5.75E-05 | 5.11E-06 | 5.20E-06 | 5.29E-06 | 5.38E-06 |
| 168282.652836248390 | 168282.65 | 3908907.55 | FENCEGRD | 1.72E-04 | 1.80E-04 | 1.88E-04 | 1.96E-04 | 1.78E-05 | 5.22E-05 | 4.68E-06 | 4.77E-06 | 4.85E-06 | 4.93E-06 |
| 168286.751456111390 | 168286.75 | 3908931.53 | FENCEGRD | 1.54E-04 | 1.60E-04 | 1.67E-04 | 1.74E-04 | 1.68E-05 | 4.73E-05 | 4.24E-06 | 4.31E-06 | 4.39E-06 | 4.46E-06 |
| 168290.850075975390 | 168290.85 | 3908955.50 | FENCEGRD | 1.38E-04 | 1.43E-04 | 1.49E-04 | 1.55E-04 | 1.56E-05 | 4.29E-05 | 3.82E-06 | 3.88E-06 | 3.95E-06 | 4.01E-06 |
| 168294.948695838390 | 168294.95 | 3908979.48 | FENCEGRD | 1.25E-04 | 1.29E-04 | 1.34E-04 | 1.39E-04 | 1.45E-05 | 3.91E-05 | 3.47E-06 | 3.52E-06 | 3.57E-06 | 3.63E-06 |
| 168299.047315702390 | 168299.05 | 3909003.45 | FENCEGRD | 1.12E-04 | 1.16E-04 | 1.20E-04 | 1.24E-04 | 1.32E-05 | 3.56E-05 | 3.15E-06 | 3.20E-06 | 3.24E-06 | 3.29E-06 |
| 168303.145935565390 | 168303.15 | 3909027.42 | FENCEGRD | 9.98E-05 | 1.04E-04 | 1.08E-04 | 1.12E-04 | 1.20E-05 | 3.27E-05 | 2.90E-06 | 2.94E-06 | 2.98E-06 | 3.02E-06 |
| 168307.244555429390 | 168307.24 | 3909051.40 | FENCEGRD | 8.88E-05 | 9.23E-05 | 9.63E-05 | 1.00E-04 | 1.10E-05 | 3.02E-05 | 2.67E-06 | 2.71E-06 | 2.75E-06 | 2.78E-06 |
| 168311.343175292390 | 168311.34 | 3909075.37 | FENCEGRD | 7.91E-05 | 8.21E-05 | 8.57E-05 | 8.91E-05 | 1.01E-05 | 2.80E-05 | 2.45E-06 | 2.49E-06 | 2.52E-06 | 2.56E-06 |
| 168315.441795156390 | 168315.44 | 3909099.35 | FENCEGRD | 7.09E-05 | 7.35E-05 | 7.66E-05 | 7.94E-05 | 9.32E-06 | 2.60E-05 | 2.23E-06 | 2.27E-06 | 2.30E-06 | 2.33E-06 |
| 167470.142625886390 | 167470.14 | 3908335.42 | FENCEGRD | 2.91E-05 | 2.86E-05 | 2.80E-05 | 2.76E-05 | 2.13E-06 | 8.39E-06 | 6.30E-07 | 6.22E-07 | 6.13E-07 | 6.05E-07 |
| 167449.244625886390 | 167449.24 | 3908348.50 | FENCEGRD | 2.85E-05 | 2.80E-05 | 2.75E-05 | 2.71E-05 | 2.08E-06 | 7.87E-06 | 5.95E-07 | 5.88E-07 | 5.79E-07 | 5.72E-07 |
| 167428.346625886390 | 167428.35 | 3908361.59 | FENCEGRD | 2.77E-05 | 2.73E-05 | 2.69E-05 | 2.65E-05 | 2.01E-06 | 7.40E-06 | 5.60E-07 | 5.53E-07 | 5.46E-07 | 5.40E-07 |
| 167407.448625886390 | 167407.45 | 3908374.67 | FENCEGRD | 2.73E-05 | 2.69E-05 | 2.65E-05 | 2.62E-05 | 1.93E-06 | 7.05E-06 | 5.31E-07 | 5.25E-07 | 5.19E-07 | 5.14E-07 |
| 167386.550625886390 | 167386.55 | 3908387.76 | FENCEGRD | 2.68E-05 | 2.64E-05 | 2.61E-05 | 2.58E-05 | 1.85E-06 | 6.76E-06 | 5.05E-07 | 5.01E-07 | 4.95E-07 | 4.90E-07 |
| 167365.652625886390 | 167365.65 | 3908400.84 | FENCEGRD | 2.57E-05 | 2.54E-05 | 2.51E-05 | 2.48E-05 | 1.75E-06 | 6.49E-06 | 4.76E-07 | 4.72E-07 | 4.66E-07 | 4.62E-07 |
| 167441.291036642390 | 167441.29 | 3908252.95 | FENCEGRD | 2.12E-05 | 2.08E-05 | 2.05E-05 | 2.03E-05 | 1.74E-06 | 7.02E-06 | 5.11E-07 | 5.05E-07 | 4.98E-07 | 4.91E-07 |
| 167465.505676416390 | 167465.51 | 3908255.24 | FENCEGRD | 2.38E-05 | 2.33E-05 | 2.29E-05 | 2.26E-05 | 1.87E-06 | 7.76E-06 | 5.64E-07 | 5.57E-07 | 5.49E-07 | 5.42E-07 |
| 167489.720316193908 | 167489.72 | 3908257.53 | FENCEGRD | 2.68E-05 | 2.63E-05 | 2.58E-05 | 2.54E-05 | 2.00E-06 | 8.59E-06 | 6.21E-07 | 6.14E-07 | 6.06E-07 | 5.98E-07 |
| 167513.934955965390 | 167513.93 | 3908259.82 | FENCEGRD | 3.03E-05 | 2.98E-05 | 2.93E-05 | 2.89E-05 | 2.16E-06 | 9.54E-06 | 6.80E-07 | 6.73E-07 | 6.65E-07 | 6.58E-07 |
| 167538.149595739390 | 167538.15 | 3908262.11 | FENCEGRD | 3.41E-05 | 3.37E-05 | 3.32E-05 | 3.28E-05 | 2.34E-06 | 1.06E-05 | 7.44E-07 | 7.38E-07 | 7.30E-07 | 7.23E-07 |
| 167562.364235513390 | 167562.36 | 3908264.39 | FENCEGRD | 3.79E-05 | 3.74E-05 | 3.70E-05 | 3.66E-05 | 2.55E-06 | 1.19E-05 | 8.12E-07 | 8.06E-07 | 7.98E-07 | 7.92E-07 |
| 167586.578875288390 | 167586.58 | 3908266.68 | FENCEGRD | 4.14E-05 | 4.09E-05 | 4.04E-05 | 4.01E-05 | 2.78E-06 | 1.32E-05 | 8.82E-07 | 8.76E-07 | 8.68E-07 | 8.61E-07 |
| 167610.793515062390 | 167610.79 | 3908268.97 | FENCEGRD | 4.47E-05 | 4.42E-05 | 4.37E-05 | 4.33E-05 | 3.03E-06 | 1.46E-05 | 9.58E-07 | 9.50E-07 | 9.41E-07 | 9.33E-07 |
| 167635.008154836390 | 167635.01 | 3908271.26 | FENCEGRD | 4.82E-05 | 4.75E-05 | 4.69E-05 | 4.65E-05 | 3.30E-06 | 1.61E-05 | 1.04E-06 | 1.03E-06 | 1.02E-06 | 1.01E-06 |
| 167659.222794611390 | 167659.22 | 3908273.55 | FENCEGRD | 5.15E-05 | 5.06E-05 | 4.99E-05 | 4.93E-05 | 3.56E-06 | 1.77E-05 | 1.13E-06 | 1.12E-06 | 1.10E-06 | 1.09E-06 |
| 167683.437434385390 | 167683.44 | 3908275.84 | FENCEGRD | 5.56E-05 | 5.45E-05 | 5.36E-05 | 5.28E-05 | 3.86E-06 | 1.95E-05 | 1.23E-06 | 1.22E-06 | 1.20E-06 | 1.19E-06 |
| 167707.652074159390 | 167707.65 | 3908278.13 | FENCEGRD | 6.04E-05 | 5.92E-05 | 5.79E-05 | 5.69E-05 | 4.20E-06 | 2.15E-05 | 1.35E-06 | 1.33E-06 | 1.32E-06 | 1.30E-06 |
| 167731.866713934390 | 167731.87 | 3908280.41 | FENCEGRD | 6.59E-05 | 6.45E-05 | 6.30E-05 | 6.18E-05 | 4.57E-06 | 2.39E-05 | 1.49E-06 | 1.47E-06 | 1.45E-06 | 1.43E-06 |
| 167756.081353708390 | 167756.08 | 3908282.70 | FENCEGRD | 7.22E-05 | 7.05E-05 | 6.88E-05 | 6.74E-05 | 4.97E-06 | 2.67E-05 | 1.64E-06 | 1.62E-06 | 1.59E-06 | 1.57E-06 |
| 167780.295993482390 | 167780.30 | 3908284.99 | FENCEGRD | 7.93E-05 | 7.74E-05 | 7.55E-05 | 7.41E-05 | 5.42E-06 | 3.00E-05 | 1.81E-06 | 1.79E-06 | 1.76E-06 | 1.74E-06 |
| 167804.510633257390 | 167804.51 | 3908287.28 | FENCEGRD | 8.67E-05 | 8.47E-05 | 8.27E-05 | 8.11E-05 | 5.91E-06 | 3.37E-05 | 1.99E-06 | 1.97E-06 | 1.94E-06 | 1.92E-06 |
| 167828.725273031390 | 167828.73 | 3908289.57 | FENCEGRD | 9.40E-05 | 9.19E-05 | 8.97E-05 | 8.80E-05 | 6.36E-06 | 3.77E-05 | 2.17E-06 | 2.15E-06 | 2.12E-06 | 2.09E-06 |
| 167852.939912805390 | 167852.94 | 3908291.86 | FENCEGRD | 1.01E-04 | 9.89E-05 | 9.66E-05 | 9.47E-05 | 6.80E-06 | 4.18E-05 | 2.35E-06 | 2.32E-06 | 2.29E-06 | 2.27E-06 |
| 167877.154552583908 | 167877.15 | 3908294.15 | FENCEGRD | 1.08E-04 | 1.06E-04 | 1.04E-04 | 1.02E-04 | 7.25E-06 | 4.62E-05 | 2.53E-06 | 2.50E-06 | 2.47E-06 | 2.45E-06 |
| 167901.369192354390 | 167901.37 | 3908296.44 | FENCEGRD | 1.16E-04 | 1.13E-04 | 1.11E-04 | 1.09E-04 | 7.69E-06 | 5.07E-05 | 2.71E-06 | 2.69E-06 | 2.65E-06 | 2.63E-06 |
| 167925.583832128390 | 167925.58 | 3908298.72 | FENCEGRD | 1.23E-04 | 1.21E-04 | 1.18E-04 | 1.16E-04 | 8.16E-06 | 5.56E-05 | 2.90E-06 | 2.88E-06 | 2.84E-06 | 2.82E-06 |
| 167949.798471903390 | 167949.80 | 3908301.01 | FENCEGRD | 1.32E-04 | 1.30E-04 | 1.28E-04 | 1.25E-04 | 8.62E-06 | 6.25E-05 | 3.19E-06 | 3.17E-06 | 3.14E-06 | 3.11E-06 |
| 167974.013111677390 | 167974.01 | 3908303.30 | FENCEGRD | 1.38E-04 | 1.35E-04 | 1.31E-04 | 1.28E-04 | 8.68E-06 | 6.84E-05 | 3.30E-06 | 3.25E-06 | 3.20E-06 | 3.16E-06 |
| 167998.227751451390 | 167998.23 | 3908305.59 | FENCEGRD | 1.41E-04 | 1.38E-04 | 1.34E-04 | 1.31E-04 | 8.81E-06 | 7.01E-05 | 3.35E-06 | 3.31E-06 | 3.26E-06 | 3.22E-06 |
| 168022.442391225390 | 168022.44 | 3908307.88 | FENCEGRD | 1.44E-04 | 1.41E-04 | 1.37E-04 | 1.34E-04 | 8.99E-06 | 7.23E-05 | 3.43E-06 | 3.38E-06 | 3.34E-06 | 3.30E-06 |
| 168046.657031390830 | 168046.66 | 3908310.17 | FENCEGRD | 1.47E-04 | 1.45E-04 | 1.41E-04 | 1.38E-04 | 9.27E-06 | 7.55E-05 | 3.54E-06 | 3.50E-06 | 3.46E-06 | 3.42E-06 |
| 168070.871670774390 | 168070.87 | 3908312.46 | FENCEGRD | 1.51E-04 | 1.49E-04 | 1.46 | | | | | | | |

Project Ground Level Concentrations-0<2

| | | | | 0<2 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168330.166706784390 | 168330.17 | 3908714.36 | FENCEGRD | 2.50E-04 | 2.56E-04 | 2.62E-04 | 2.67E-04 | 1.91E-05 | 8.78E-05 | 6.25E-06 | 6.31E-06 | 6.37E-06 | 6.43E-06 |
| 168334.265326647390 | 168334.27 | 3908738.34 | FENCEGRD | 2.37E-04 | 2.43E-04 | 2.49E-04 | 2.55E-04 | 1.86E-05 | 8.05E-05 | 5.99E-06 | 6.05E-06 | 6.11E-06 | 6.17E-06 |
| 168338.363946511390 | 168338.36 | 3908762.31 | FENCEGRD | 2.15E-04 | 2.22E-04 | 2.29E-04 | 2.35E-04 | 1.78E-05 | 7.30E-05 | 5.63E-06 | 5.69E-06 | 5.75E-06 | 5.81E-06 |
| 168342.462566374390 | 168342.46 | 3908786.29 | FENCEGRD | 1.95E-04 | 2.02E-04 | 2.09E-04 | 2.16E-04 | 1.72E-05 | 6.66E-05 | 5.30E-06 | 5.37E-06 | 5.44E-06 | 5.50E-06 |
| 168346.561186237390 | 168346.56 | 3908810.26 | FENCEGRD | 1.80E-04 | 1.87E-04 | 1.94E-04 | 2.01E-04 | 1.68E-05 | 6.11E-05 | 5.01E-06 | 5.08E-06 | 5.15E-06 | 5.22E-06 |
| 168350.659806101390 | 168350.66 | 3908834.24 | FENCEGRD | 1.66E-04 | 1.72E-04 | 1.79E-04 | 1.86E-04 | 1.64E-05 | 5.61E-05 | 4.70E-06 | 4.77E-06 | 4.85E-06 | 4.92E-06 |
| 168354.758425964390 | 168354.76 | 3908858.21 | FENCEGRD | 1.52E-04 | 1.58E-04 | 1.65E-04 | 1.71E-04 | 1.59E-05 | 5.14E-05 | 4.37E-06 | 4.44E-06 | 4.51E-06 | 4.58E-06 |
| 168358.857045828390 | 168358.86 | 3908882.19 | FENCEGRD | 1.39E-04 | 1.44E-04 | 1.50E-04 | 1.56E-04 | 1.52E-05 | 4.71E-05 | 4.03E-06 | 4.10E-06 | 4.16E-06 | 4.23E-06 |
| 168362.955665691390 | 168362.96 | 3908906.16 | FENCEGRD | 1.28E-04 | 1.33E-04 | 1.39E-04 | 1.44E-04 | 1.46E-05 | 4.34E-05 | 3.71E-06 | 3.78E-06 | 3.84E-06 | 3.90E-06 |
| 168367.054285555390 | 168367.05 | 3908930.14 | FENCEGRD | 1.18E-04 | 1.22E-04 | 1.27E-04 | 1.32E-04 | 1.37E-05 | 3.98E-05 | 3.40E-06 | 3.46E-06 | 3.51E-06 | 3.56E-06 |
| 168371.152905418390 | 168371.15 | 3908954.11 | FENCEGRD | 1.08E-04 | 1.11E-04 | 1.15E-04 | 1.19E-04 | 1.27E-05 | 3.63E-05 | 3.10E-06 | 3.15E-06 | 3.19E-06 | 3.24E-06 |
| 168375.251525281390 | 168375.25 | 3908978.08 | FENCEGRD | 9.63E-05 | 9.94E-05 | 1.03E-04 | 1.06E-04 | 1.16E-05 | 3.31E-05 | 2.83E-06 | 2.87E-06 | 2.91E-06 | 2.95E-06 |
| 168379.350145145390 | 168379.35 | 3909002.06 | FENCEGRD | 8.62E-05 | 8.91E-05 | 9.25E-05 | 9.56E-05 | 1.06E-05 | 3.04E-05 | 2.61E-06 | 2.64E-06 | 2.68E-06 | 2.71E-06 |
| 168383.448765008390 | 168383.45 | 3909026.03 | FENCEGRD | 7.66E-05 | 7.93E-05 | 8.26E-05 | 8.55E-05 | 9.66E-06 | 2.80E-05 | 2.41E-06 | 2.45E-06 | 2.48E-06 | 2.51E-06 |
| 168387.547384872390 | 168387.55 | 3909050.01 | FENCEGRD | 6.77E-05 | 7.02E-05 | 7.32E-05 | 7.59E-05 | 8.87E-06 | 2.58E-05 | 2.23E-06 | 2.26E-06 | 2.29E-06 | 2.32E-06 |
| 168391.646004735390 | 168391.65 | 3909073.98 | FENCEGRD | 6.03E-05 | 6.25E-05 | 6.51E-05 | 6.75E-05 | 8.21E-06 | 2.40E-05 | 2.05E-06 | 2.08E-06 | 2.11E-06 | 2.14E-06 |
| 168395.744624599390 | 168395.74 | 3909097.96 | FENCEGRD | 5.46E-05 | 5.64E-05 | 5.86E-05 | 6.07E-05 | 7.65E-06 | 2.23E-05 | 1.88E-06 | 1.90E-06 | 1.93E-06 | 1.96E-06 |
| 168399.843244462390 | 168399.84 | 3909121.93 | FENCEGRD | 4.97E-05 | 5.13E-05 | 5.32E-05 | 5.50E-05 | 7.15E-06 | 2.08E-05 | 1.71E-06 | 1.73E-06 | 1.76E-06 | 1.78E-06 |
| 168403.941864325390 | 168403.94 | 3909145.91 | FENCEGRD | 4.51E-05 | 4.65E-05 | 4.82E-05 | 4.98E-05 | 6.67E-06 | 1.94E-05 | 1.55E-06 | 1.58E-06 | 1.60E-06 | 1.62E-06 |
| 167417.076396867390 | 167417.08 | 3908250.66 | FENCEGRD | 1.90E-05 | 1.88E-05 | 1.86E-05 | 1.84E-05 | 1.61E-06 | 6.38E-06 | 4.63E-07 | 4.58E-07 | 4.52E-07 | 4.47E-07 |
| 167396.178396867390 | 167396.18 | 3908263.75 | FENCEGRD | 1.81E-05 | 1.79E-05 | 1.77E-05 | 1.75E-05 | 1.52E-06 | 5.95E-06 | 4.33E-07 | 4.29E-07 | 4.24E-07 | 4.19E-07 |
| 167375.280396867390 | 167375.28 | 3908276.83 | FENCEGRD | 1.74E-05 | 1.72E-05 | 1.70E-05 | 1.69E-05 | 1.43E-06 | 5.61E-06 | 4.09E-07 | 4.05E-07 | 4.01E-07 | 3.97E-07 |
| 167354.382396867390 | 167354.38 | 3908289.91 | FENCEGRD | 1.68E-05 | 1.66E-05 | 1.64E-05 | 1.62E-05 | 1.35E-06 | 5.33E-06 | 3.89E-07 | 3.85E-07 | 3.81E-07 | 3.77E-07 |
| 167333.484396867390 | 167333.48 | 3908303.00 | FENCEGRD | 1.59E-05 | 1.57E-05 | 1.55E-05 | 1.53E-05 | 1.28E-06 | 5.07E-06 | 3.68E-07 | 3.64E-07 | 3.60E-07 | 3.56E-07 |
| 167312.586396867390 | 167312.59 | 3908316.08 | FENCEGRD | 1.49E-05 | 1.47E-05 | 1.45E-05 | 1.43E-05 | 1.21E-06 | 4.85E-06 | 3.45E-07 | 3.41E-07 | 3.37E-07 | 3.33E-07 |
| 167640.127983382390 | 167640.13 | 3908885.50 | FENCEGRD | 2.47E-04 | 2.24E-04 | 2.00E-04 | 1.84E-04 | 1.01E-05 | 7.64E-05 | 3.27E-06 | 3.11E-06 | 2.96E-06 | 2.83E-06 |
| 167628.894347019390 | 167628.89 | 3908906.15 | FENCEGRD | 2.30E-04 | 2.07E-04 | 1.85E-04 | 1.69E-04 | 9.93E-06 | 9.03E-05 | 3.09E-06 | 2.94E-06 | 2.79E-06 | 2.66E-06 |
| 167617.660710655390 | 167617.66 | 3908926.80 | FENCEGRD | 2.08E-04 | 1.86E-04 | 1.64E-04 | 1.50E-04 | 9.71E-06 | 1.05E-04 | 2.90E-06 | 2.75E-06 | 2.61E-06 | 2.49E-06 |
| 167618.166975073390 | 167618.17 | 3908873.55 | FENCEGRD | 1.83E-04 | 1.68E-04 | 1.53E-04 | 1.42E-04 | 8.22E-06 | 5.37E-05 | 2.47E-06 | 2.36E-06 | 2.27E-06 | 2.18E-06 |
| 167606.933338713908 | 167606.93 | 3908894.20 | FENCEGRD | 1.68E-04 | 1.54E-04 | 1.40E-04 | 1.29E-04 | 7.98E-06 | 6.40E-05 | 2.31E-06 | 2.22E-06 | 2.12E-06 | 2.04E-06 |
| 167595.699702346390 | 167595.70 | 3908914.85 | FENCEGRD | 1.48E-04 | 1.35E-04 | 1.22E-04 | 1.13E-04 | 7.69E-06 | 7.59E-05 | 2.14E-06 | 2.05E-06 | 1.96E-06 | 1.88E-06 |
| 167584.466065983390 | 167584.47 | 3908935.50 | FENCEGRD | 1.24E-04 | 1.13E-04 | 1.02E-04 | 9.46E-05 | 7.37E-06 | 8.78E-05 | 1.96E-06 | 1.88E-06 | 1.79E-06 | 1.71E-06 |
| 167573.232429619390 | 167573.23 | 3908956.15 | FENCEGRD | 9.75E-05 | 8.94E-05 | 8.17E-05 | 7.68E-05 | 7.00E-06 | 9.85E-05 | 1.75E-06 | 1.67E-06 | 1.59E-06 | 1.52E-06 |
| 167607.798568173908 | 167607.80 | 3908849.28 | FENCEGRD | 1.54E-04 | 1.42E-04 | 1.31E-04 | 1.23E-04 | 7.12E-06 | 3.76E-05 | 2.10E-06 | 2.03E-06 | 1.95E-06 | 1.88E-06 |
| 167584.972330401390 | 167584.97 | 3908882.26 | FENCEGRD | 1.29E-04 | 1.19E-04 | 1.09E-04 | 1.02E-04 | 6.49E-06 | 4.80E-05 | 1.81E-06 | 1.74E-06 | 1.67E-06 | 1.61E-06 |
| 167573.738694037390 | 167573.74 | 3908902.91 | FENCEGRD | 1.13E-04 | 1.04E-04 | 9.59E-05 | 9.00E-05 | 6.24E-06 | 5.76E-05 | 1.66E-06 | 1.60E-06 | 1.54E-06 | 1.48E-06 |
| 167562.505057674390 | 167562.51 | 3908923.56 | FENCEGRD | 9.41E-05 | 8.79E-05 | 8.16E-05 | 7.75E-05 | 5.96E-06 | 6.81E-05 | 1.50E-06 | 1.44E-06 | 1.38E-06 | 1.33E-06 |
| 167551.271421313908 | 167551.27 | 3908944.21 | FENCEGRD | 7.66E-05 | 7.24E-05 | 6.83E-05 | 6.58E-05 | 5.67E-06 | 7.86E-05 | 1.32E-06 | 1.27E-06 | 1.22E-06 | 1.17E-06 |
| 167540.037784946390 | 167540.04 | 3908964.86 | FENCEGRD | 6.23E-05 | 6.02E-05 | 5.82E-05 | 5.69E-05 | 5.35E-06 | 8.86E-05 | 1.14E-06 | 1.09E-06 | 1.05E-06 | 1.01E-06 |
| 167528.804148583390 | 167528.80 | 3908985.51 | FENCEGRD | 5.34E-05 | 5.30E-05 | 5.26E-05 | 5.25E-05 | 5.00E-06 | 9.80E-05 | 9.59E-07 | 9.26E-07 | 8.93E-07 | 8.65E-07 |
| 167517.570512219390 | 167517.57 | 3909006.16 | FENCEGRD | 5.03E-05 | 5.10E-05 | 5.17E-05 | 5.23E-05 | 4.60E-06 | 1.07E-04 | 8.22E-07 | 8.02E-07 | 7.81E-07 | 7.63E-07 |
| 167506.336875855390 | 167506.34 | 3909026.81 | FENCEGRD | 5.09E-05 | 5.22E-05 | 5.34E-05 | 5.43E-05 | 4.16E-06 | 1.14E-04 | 7.53E-07 | 7.41E-07 | 7.27E-07 | 7.16E-07 |
| 167495.103239492390 | 167495.10 | 3909047.46 | FENCEGRD | 5.38E-05 | 5.54E-05 | 5.70E-05 | 5.80E-05 | 3.68E-06 | 1.21E-04 | 7.56E-07 | 7.46E-07 | 7.35E-07 | 7.26E-07 |
| 167565.325626728390 | 167565.33 | 3908823.85 | FENCEGRD | 1.01E-04 | 9.46E-05 | 8.82E-05 | 8.34E-05 | 5.07E-06 | 2.39E-05 | 1.42E-06 | 1.38E-06 | 1.34E-06 | 1.30E-06 |
| 167541.050313783390 | 167541.05 | 3908858.36 | FENCEGRD | 8.25E-05 | 7.79E-05 | 7.30E-05 | 6.95E-05 | 4.60E-06 | 3.02E-05 | 1.17E-06 | 1.14E-06 | 1.10E-06 | 1.06E-06 |
| 167529.816677423908 | 167529.82 | 3908879.01 | FENCEGRD | 7.42E-05 | 7.05E-05 | 6.66E-05 | 6.37E-05 | 4.40E-06 | 3.63E-05 | 1.05E-06 | 1.02E-06 | 9.86E-07 | 9.55E-07 |
| 167518.583041056390 | 167518.58 | 3908899.66 | FENCEGRD | 6.62E-05 | 6.35E-05 | 6.06E-05 | 5.85E-05 | 4.19E-06 | 4.37E-05 | 9.31E-07 | 9.02E-07 | 8.73E-07 | 8.46E-07 |
| 167507.349404692390 | 167507.35 | 3908920.32 | FENCEGRD | 5.93E-05 | 5.76E-05 | 5.58E-05 | 5.45E-05 | 3.94E-06 | 5.19E-05 | 8.13E-07 | 7.90E-07 | 7.66E-07 | 7.44E-07 |
| 167496.115768329390 | 167496.12 | 3908940.97 | FENCEGRD | 5.46E-05 | 5.41E-05 | 5.35E-05 | 5.29E-05 | 3.65E-06 | 6.06E-05 | 7.09E-07 | 6.92E-07 | 6.75E-07 | 6.60E-07 |
| 167484.882131965390 | 167484.88 | 3908961.62 | FENCEGRD | 5.32E-05 | 5.35E-05 | 5.38E-05 | 5.39E-05 | 3.34E-06 | 6.95E-05 | 6.34E-07 | 6.24E-07 | 6.12E-07 | 6.03E-07 |
| 167473.648495601390 | 167473.65 | 3908982.27 | FENCEGRD | 5.46E-05 | 5.52E-05 | 5.58E-05 | 5.62E-05 | 3.02E-06 | 7.84E-05 | 5.99E-07 | 5.94E-07 | 5.87E-07 | 5.82E-07 |
| 167462.414859238390 | 167462.41 | 3909002.92 | FENCEGRD | 5.71E-05 | 5.78E-05 | 5.85E-05 | 5.89E-05 | 2.69E-06 | 8.72E-05 | 6.08E-07 | 6.03E-07 | 5.99E-07 | 5.95E-07 |
| 167451.181222874390 | 167451.18 | 3909023.57 | FENCEGRD | 6.14E-05 | 6.21E-05 | 6.29E-05 | 6.35E-05 | 2.38E-06 | 9.54E-05 | 6.55E-07 | 6.50E-07 | 6.45E-07 | 6.40E-07 |
| 167439.947586511390 | 167439.95 | 3909044.22 | FENCEGRD | 7.08E-05 | 7.15E-05 | 7.24E-05 | 7.29E-05 | 2.11E-06 | 1.03E-04 | 7.58E-07 | 7.49E-07 | 7.41E-07 | 7.34E-07 |
| 167522.273055216390 | 167522.27 | 3908799.03 | FENCEGRD | 7.07E-05 | 6.73E-05 | 6.36E-05 | 6.09E-05 | 3.86E-06 | 1.73E-05 | 9.99E-07 | 9.71E-07 | 9.43E-07 | 9.18E-07 |
| 167550.095298589390 | 167550.10 | 3908769.45 | FENCEGRD | 8.47E-05 | 8.02E-05 | 7.54E-05 | 7.18E-05 | 4.31E-06 | 1.67E-05 | 1.23E-06 | 1.19E-06 | 1.16E-06 | 1.13E-06 |
| 167497.128297166390 | 167497.13 | 3908834.47 | FENCEGRD | 5.99E-05 | 5.74E-05 | 5.48E-05 | 5.28E-05 | 3.45E-06 | 2.13E-05 | 8.01E-07 | 7.80E-07 | 7.59E-07 | 7.39E-07 |
| 167485.894660802390 | 167485.89 | 3908855.12 | FENCEGRD | 5.57E-05 | 5.37E-05 | 5.15E-05 | 4.99E-05 | 3.25E-06 | 2.53E-05 | 7.16E-07 | 6.99E-07 | 6.80E-07 | 6.64E-07 |
| 167474.661024438390 | 167474.66 | 3908875.77 | FENCEGRD | 5.24E-05 | 5.09E-05 | 4.93E-05 | 4.80E-05 | 3.03E-06 | 3.05E-05 | 6.39E-07 | 6.25E-07 | 6.10E-07 | 5.97E-07 |
| 167463.427388075390 | 167463.43 | 3908896.42 | FENCEGRD | 5.08E-05 | 4.98E-05 | 4.87E-05 | 4.79E-05 | 2.81E-06 | 3.67E-05 | 5.74E-07 | 5.64E-07 | 5.53E-07 | 5.44E-07 |
| 167452.193751711390 | 167452.19 | 3908917.07 | FENCEGRD | 5.13E-05 | 5.07E-05 | 5.00E-05 | 4.94E-05 | 2.57E-06 | 4.35E-05 | 5.29E-07 | 5.23E-07 | 5.16E-07 | 5.10E-07 |
| 167440.960115347390 | 167440.96 | 3908937.73 | FENCEGRD | 5.35E-05 | 5.31E-05 | 5.25 | | | | | | | |

Project Ground Level Concentrations-0<2

| | | | | 0<2 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167398.050627566390 | 167398.05 | 3908807.34 | FENCEGRD | 3.93E-05 | 3.86E-05 | 3.78E-05 | 3.71E-05 | 1.87E-06 | 1.56E-05 | 4.28E-07 | 4.23E-07 | 4.18E-07 | 4.13E-07 |
| 167386.816991203390 | 167386.82 | 3908827.99 | FENCEGRD | 4.01E-05 | 3.95E-05 | 3.89E-05 | 3.83E-05 | 1.74E-06 | 1.82E-05 | 4.10E-07 | 4.07E-07 | 4.04E-07 | 4.01E-07 |
| 167375.583354839390 | 167375.58 | 3908848.64 | FENCEGRD | 4.18E-05 | 4.12E-05 | 4.06E-05 | 4.00E-05 | 1.61E-06 | 2.14E-05 | 4.07E-07 | 4.05E-07 | 4.03E-07 | 4.01E-07 |
| 167364.349718476390 | 167364.35 | 3908869.29 | FENCEGRD | 4.40E-05 | 4.34E-05 | 4.27E-05 | 4.22E-05 | 1.49E-06 | 2.54E-05 | 4.19E-07 | 4.17E-07 | 4.16E-07 | 4.15E-07 |
| 167353.116082112390 | 167353.12 | 3908889.94 | FENCEGRD | 4.63E-05 | 4.56E-05 | 4.49E-05 | 4.43E-05 | 1.39E-06 | 2.99E-05 | 4.43E-07 | 4.41E-07 | 4.40E-07 | 4.39E-07 |
| 167341.882445748390 | 167341.88 | 3908910.59 | FENCEGRD | 4.83E-05 | 4.75E-05 | 4.67E-05 | 4.60E-05 | 1.31E-06 | 3.48E-05 | 4.74E-07 | 4.71E-07 | 4.70E-07 | 4.68E-07 |
| 167330.648809385390 | 167330.65 | 3908931.24 | FENCEGRD | 5.04E-05 | 4.96E-05 | 4.87E-05 | 4.79E-05 | 1.26E-06 | 4.00E-05 | 5.07E-07 | 5.04E-07 | 5.02E-07 | 4.99E-07 |
| 167319.415173021390 | 167319.42 | 3908951.89 | FENCEGRD | 5.39E-05 | 5.29E-05 | 5.20E-05 | 5.11E-05 | 1.25E-06 | 4.54E-05 | 5.44E-07 | 5.41E-07 | 5.38E-07 | 5.35E-07 |
| 167308.181536657390 | 167308.18 | 3908972.54 | FENCEGRD | 5.95E-05 | 5.83E-05 | 5.72E-05 | 5.61E-05 | 1.27E-06 | 5.11E-05 | 5.96E-07 | 5.91E-07 | 5.87E-07 | 5.83E-07 |
| 167296.947900294390 | 167296.95 | 3908993.19 | FENCEGRD | 6.73E-05 | 6.58E-05 | 6.43E-05 | 6.30E-05 | 1.33E-06 | 5.68E-05 | 6.73E-07 | 6.66E-07 | 6.60E-07 | 6.55E-07 |
| 167348.130668932390 | 167348.13 | 3908701.82 | FENCEGRD | 3.17E-05 | 3.10E-05 | 3.03E-05 | 2.97E-05 | 1.52E-06 | 9.03E-06 | 3.73E-07 | 3.69E-07 | 3.64E-07 | 3.60E-07 |
| 167379.044272683908 | 167379.04 | 3908668.95 | FENCEGRD | 3.40E-05 | 3.31E-05 | 3.20E-05 | 3.12E-05 | 1.76E-06 | 8.30E-06 | 4.39E-07 | 4.32E-07 | 4.24E-07 | 4.18E-07 |
| 167394.501074554390 | 167394.50 | 3908652.52 | FENCEGRD | 3.57E-05 | 3.46E-05 | 3.34E-05 | 3.25E-05 | 1.89E-06 | 8.15E-06 | 4.79E-07 | 4.71E-07 | 4.62E-07 | 4.54E-07 |
| 167409.957876428390 | 167409.96 | 3908636.09 | FENCEGRD | 3.77E-05 | 3.65E-05 | 3.52E-05 | 3.42E-05 | 2.04E-06 | 8.20E-06 | 5.24E-07 | 5.15E-07 | 5.05E-07 | 4.96E-07 |
| 167440.871480176390 | 167440.87 | 3908603.22 | FENCEGRD | 4.27E-05 | 4.13E-05 | 3.96E-05 | 3.84E-05 | 2.37E-06 | 8.81E-06 | 6.32E-07 | 6.20E-07 | 6.08E-07 | 5.96E-07 |
| 167456.328282053908 | 167456.33 | 3908586.79 | FENCEGRD | 4.56E-05 | 4.40E-05 | 4.22E-05 | 4.08E-05 | 2.55E-06 | 9.35E-06 | 6.94E-07 | 6.81E-07 | 6.67E-07 | 6.54E-07 |
| 167332.673867058390 | 167332.67 | 3908718.25 | FENCEGRD | 3.14E-05 | 3.08E-05 | 3.02E-05 | 2.97E-05 | 1.40E-06 | 9.63E-06 | 3.52E-07 | 3.49E-07 | 3.45E-07 | 3.42E-07 |
| 167321.440230695390 | 167321.44 | 3908738.90 | FENCEGRD | 3.18E-05 | 3.13E-05 | 3.08E-05 | 3.03E-05 | 1.31E-06 | 1.06E-05 | 3.43E-07 | 3.41E-07 | 3.39E-07 | 3.37E-07 |
| 167310.206594331390 | 167310.21 | 3908759.55 | FENCEGRD | 3.27E-05 | 3.23E-05 | 3.17E-05 | 3.13E-05 | 1.23E-06 | 1.17E-05 | 3.43E-07 | 3.42E-07 | 3.40E-07 | 3.39E-07 |
| 167298.972957967390 | 167298.97 | 3908780.20 | FENCEGRD | 3.40E-05 | 3.35E-05 | 3.30E-05 | 3.25E-05 | 1.16E-06 | 1.32E-05 | 3.52E-07 | 3.51E-07 | 3.49E-07 | 3.48E-07 |
| 167287.739321604390 | 167287.74 | 3908800.85 | FENCEGRD | 3.54E-05 | 3.49E-05 | 3.44E-05 | 3.39E-05 | 1.10E-06 | 1.50E-05 | 3.68E-07 | 3.66E-07 | 3.65E-07 | 3.65E-07 |
| 167276.505685243908 | 167276.51 | 3908821.50 | FENCEGRD | 3.70E-05 | 3.64E-05 | 3.58E-05 | 3.53E-05 | 1.05E-06 | 1.71E-05 | 3.89E-07 | 3.87E-07 | 3.86E-07 | 3.85E-07 |
| 167265.272048877390 | 167265.27 | 3908842.15 | FENCEGRD | 3.83E-05 | 3.77E-05 | 3.71E-05 | 3.65E-05 | 1.03E-06 | 1.96E-05 | 4.13E-07 | 4.11E-07 | 4.09E-07 | 4.08E-07 |
| 167254.038412513390 | 167254.04 | 3908862.81 | FENCEGRD | 3.95E-05 | 3.89E-05 | 3.82E-05 | 3.76E-05 | 1.04E-06 | 2.26E-05 | 4.36E-07 | 4.34E-07 | 4.32E-07 | 4.30E-07 |
| 167242.804776149390 | 167242.80 | 3908883.46 | FENCEGRD | 4.10E-05 | 4.03E-05 | 3.96E-05 | 3.89E-05 | 1.06E-06 | 2.59E-05 | 4.59E-07 | 4.56E-07 | 4.54E-07 | 4.52E-07 |
| 167231.571139786390 | 167231.57 | 3908904.11 | FENCEGRD | 4.34E-05 | 4.26E-05 | 4.18E-05 | 4.11E-05 | 1.11E-06 | 2.96E-05 | 4.84E-07 | 4.81E-07 | 4.79E-07 | 4.76E-07 |
| 167220.337503422390 | 167220.34 | 3908924.76 | FENCEGRD | 4.69E-05 | 4.60E-05 | 4.51E-05 | 4.43E-05 | 1.17E-06 | 3.35E-05 | 5.18E-07 | 5.14E-07 | 5.11E-07 | 5.08E-07 |
| 167209.103867058390 | 167209.10 | 3908945.41 | FENCEGRD | 5.16E-05 | 5.05E-05 | 4.95E-05 | 4.85E-05 | 1.24E-06 | 3.75E-05 | 5.68E-07 | 5.63E-07 | 5.59E-07 | 5.55E-07 |
| 167260.637926649390 | 167260.64 | 3908653.66 | FENCEGRD | 2.72E-05 | 2.68E-05 | 2.62E-05 | 2.58E-05 | 1.10E-06 | 7.95E-06 | 3.09E-07 | 3.07E-07 | 3.05E-07 | 3.03E-07 |
| 167276.446019474390 | 167276.45 | 3908636.85 | FENCEGRD | 2.74E-05 | 2.68E-05 | 2.63E-05 | 2.58E-05 | 1.19E-06 | 7.65E-06 | 3.20E-07 | 3.17E-07 | 3.14E-07 | 3.11E-07 |
| 167292.254112339088 | 167292.25 | 3908620.05 | FENCEGRD | 2.80E-05 | 2.73E-05 | 2.66E-05 | 2.61E-05 | 1.30E-06 | 7.46E-06 | 3.38E-07 | 3.34E-07 | 3.31E-07 | 3.27E-07 |
| 167308.062205126390 | 167308.06 | 3908603.24 | FENCEGRD | 2.90E-05 | 2.82E-05 | 2.74E-05 | 2.68E-05 | 1.40E-06 | 7.36E-06 | 3.64E-07 | 3.59E-07 | 3.54E-07 | 3.49E-07 |
| 167323.870297951390 | 167323.87 | 3908586.43 | FENCEGRD | 3.02E-05 | 2.94E-05 | 2.85E-05 | 2.77E-05 | 1.51E-06 | 7.35E-06 | 3.95E-07 | 3.89E-07 | 3.83E-07 | 3.77E-07 |
| 167339.678390777390 | 167339.68 | 3908569.63 | FENCEGRD | 3.17E-05 | 3.08E-05 | 2.97E-05 | 2.89E-05 | 1.62E-06 | 7.42E-06 | 4.30E-07 | 4.23E-07 | 4.16E-07 | 4.09E-07 |
| 167355.486483603390 | 167355.49 | 3908552.82 | FENCEGRD | 3.32E-05 | 3.22E-05 | 3.10E-05 | 3.01E-05 | 1.73E-06 | 7.56E-06 | 4.67E-07 | 4.59E-07 | 4.51E-07 | 4.43E-07 |
| 167371.294576428390 | 167371.29 | 3908536.02 | FENCEGRD | 3.49E-05 | 3.38E-05 | 3.26E-05 | 3.16E-05 | 1.86E-06 | 7.81E-06 | 5.09E-07 | 5.00E-07 | 4.91E-07 | 4.82E-07 |
| 167387.102669254390 | 167387.10 | 3908519.21 | FENCEGRD | 3.69E-05 | 3.57E-05 | 3.44E-05 | 3.33E-05 | 2.00E-06 | 8.15E-06 | 5.54E-07 | 5.44E-07 | 5.34E-07 | 5.25E-07 |
| 167402.910762083908 | 167402.91 | 3908502.40 | FENCEGRD | 3.88E-05 | 3.76E-05 | 3.62E-05 | 3.50E-05 | 2.15E-06 | 8.56E-06 | 6.01E-07 | 5.90E-07 | 5.79E-07 | 5.69E-07 |
| 167244.829833823390 | 167244.83 | 3908670.46 | FENCEGRD | 2.74E-05 | 2.69E-05 | 2.64E-05 | 2.60E-05 | 1.02E-06 | 8.37E-06 | 3.07E-07 | 3.05E-07 | 3.03E-07 | 3.02E-07 |
| 167233.596197459390 | 167233.60 | 3908691.11 | FENCEGRD | 2.79E-05 | 2.75E-05 | 2.70E-05 | 2.66E-05 | 9.68E-07 | 9.00E-06 | 3.11E-07 | 3.10E-07 | 3.09E-07 | 3.08E-07 |
| 167222.362561096390 | 167222.36 | 3908711.77 | FENCEGRD | 2.86E-05 | 2.82E-05 | 2.78E-05 | 2.74E-05 | 9.26E-07 | 9.77E-06 | 3.21E-07 | 3.20E-07 | 3.19E-07 | 3.18E-07 |
| 167211.128924732390 | 167211.13 | 3908732.42 | FENCEGRD | 2.95E-05 | 2.91E-05 | 2.86E-05 | 2.82E-05 | 8.99E-07 | 1.07E-05 | 3.34E-07 | 3.33E-07 | 3.32E-07 | 3.31E-07 |
| 167199.895288368390 | 167199.90 | 3908753.07 | FENCEGRD | 3.04E-05 | 3.00E-05 | 2.95E-05 | 2.91E-05 | 8.88E-07 | 1.18E-05 | 3.50E-07 | 3.48E-07 | 3.47E-07 | 3.46E-07 |
| 167188.661652005390 | 167188.66 | 3908773.72 | FENCEGRD | 3.12E-05 | 3.08E-05 | 3.02E-05 | 2.98E-05 | 8.93E-07 | 1.30E-05 | 3.67E-07 | 3.65E-07 | 3.64E-07 | 3.62E-07 |
| 167177.428015641390 | 167177.43 | 3908794.37 | FENCEGRD | 3.19E-05 | 3.14E-05 | 3.08E-05 | 3.04E-05 | 9.12E-07 | 1.45E-05 | 3.83E-07 | 3.81E-07 | 3.79E-07 | 3.78E-07 |
| 167166.194379277390 | 167166.19 | 3908815.02 | FENCEGRD | 3.25E-05 | 3.20E-05 | 3.14E-05 | 3.09E-05 | 9.43E-07 | 1.62E-05 | 3.98E-07 | 3.96E-07 | 3.94E-07 | 3.92E-07 |
| 167154.960742914390 | 167154.96 | 3908835.67 | FENCEGRD | 3.34E-05 | 3.29E-05 | 3.23E-05 | 3.18E-05 | 9.85E-07 | 1.81E-05 | 4.12E-07 | 4.09E-07 | 4.07E-07 | 4.05E-07 |
| 167143.727106553908 | 167143.73 | 3908856.32 | FENCEGRD | 3.50E-05 | 3.44E-05 | 3.38E-05 | 3.33E-05 | 1.04E-06 | 2.03E-05 | 4.28E-07 | 4.26E-07 | 4.23E-07 | 4.21E-07 |
| 167132.493470187390 | 167132.49 | 3908876.97 | FENCEGRD | 3.74E-05 | 3.68E-05 | 3.61E-05 | 3.55E-05 | 1.09E-06 | 2.29E-05 | 4.53E-07 | 4.50E-07 | 4.47E-07 | 4.45E-07 |
| 167121.259833823390 | 167121.26 | 3908897.62 | FENCEGRD | 4.06E-05 | 3.98E-05 | 3.91E-05 | 3.84E-05 | 1.14E-06 | 2.58E-05 | 4.90E-07 | 4.86E-07 | 4.83E-07 | 4.80E-07 |
| 167173.037094841390 | 167173.04 | 3908605.61 | FENCEGRD | 2.52E-05 | 2.48E-05 | 2.43E-05 | 2.39E-05 | 8.92E-07 | 7.50E-06 | 2.98E-07 | 2.96E-07 | 2.95E-07 | 2.93E-07 |
| 167189.088389095390 | 167189.09 | 3908588.55 | FENCEGRD | 2.54E-05 | 2.49E-05 | 2.44E-05 | 2.40E-05 | 9.60E-07 | 7.36E-06 | 3.01E-07 | 2.99E-07 | 2.97E-07 | 2.95E-07 |
| 167205.139683349390 | 167205.14 | 3908571.49 | FENCEGRD | 2.56E-05 | 2.52E-05 | 2.46E-05 | 2.42E-05 | 1.04E-06 | 7.29E-06 | 3.09E-07 | 3.06E-07 | 3.04E-07 | 3.02E-07 |
| 167221.190977602390 | 167221.19 | 3908554.42 | FENCEGRD | 2.61E-05 | 2.56E-05 | 2.50E-05 | 2.45E-05 | 1.14E-06 | 7.31E-06 | 3.25E-07 | 3.21E-07 | 3.18E-07 | 3.15E-07 |
| 167237.242271856390 | 167237.24 | 3908537.36 | FENCEGRD | 2.50E-05 | 2.52E-05 | 2.56E-05 | 2.53E-05 | 1.27E-06 | 6.92E-06 | 3.43E-07 | 3.42E-07 | 3.41E-07 | 3.39E-07 |
| 167253.293566113908 | 167253.29 | 3908520.29 | FENCEGRD | 2.34E-05 | 2.34E-05 | 2.35E-05 | 2.37E-05 | 1.35E-06 | 6.51E-06 | 3.42E-07 | 3.41E-07 | 3.39E-07 | 3.37E-07 |
| 167269.344860364390 | 167269.34 | 3908503.23 | FENCEGRD | 2.28E-05 | 2.27E-05 | 2.26E-05 | 2.27E-05 | 1.38E-06 | 6.26E-06 | 3.48E-07 | 3.46E-07 | 3.44E-07 | 3.41E-07 |
| 167285.396154618390 | 167285.40 | 3908486.16 | FENCEGRD | 2.28E-05 | 2.26E-05 | 2.25E-05 | 2.25E-05 | 1.42E-06 | 6.15E-06 | 3.62E-07 | 3.60E-07 | 3.56E-07 | 3.54E-07 |
| 167301.447448871390 | 167301.45 | 3908469.10 | FENCEGRD | 2.30E-05 | 2.29E-05 | 2.27E-05 | 2.27E-05 | 1.48E-06 | 6.12E-06 | 3.81E-07 | 3.78E-07 | 3.74E-07 | 3.71E-07 |
| 167317.498743125390 | 167317.50 | 3908452.03 | FENCEGRD | 2.34E-05 | 2.32E-05 | 2.31E-05 | 2.30E-05 | 1.54E-06 | 6.15E-06 | 4.04E-07 | 4.00E-07 | 3.96E-07 | 3.92E-07 |
| 167333.550037379390 | 167333.55 | 3908434.97 | FENCEGRD | 2.42E-05 | 2.40E-05 | 2.38E-05 | 2.37E-05 | 1.61E-06 | 6.24E-06 | 4.30E-07 | 4.26E-07 | 4.21E-07 | 4.17E-07 |
| 167349.601331633390 | 167349.60 | 3908417.90 | FENCEGRD | 2.50E-05 | 2.47E-05 | 2.45 | | | | | | | |

Project Ground Level Concentrations-0<2

| | | | | 0<2 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167024.207221897390 | 167024.21 | 3908657.50 | FENCEGRD | 2.27E-05 | 2.24E-05 | 2.20E-05 | 2.17E-05 | 7.60E-07 | 8.34E-06 | 3.09E-07 | 3.08E-07 | 3.07E-07 | 3.05E-07 |
| 167012.973585534390 | 167012.97 | 3908678.15 | FENCEGRD | 2.29E-05 | 2.25E-05 | 2.22E-05 | 2.18E-05 | 7.87E-07 | 8.96E-06 | 3.18E-07 | 3.17E-07 | 3.15E-07 | 3.14E-07 |
| 167001.739949173908 | 167001.74 | 3908698.80 | FENCEGRD | 2.30E-05 | 2.26E-05 | 2.22E-05 | 2.19E-05 | 8.13E-07 | 9.59E-06 | 3.24E-07 | 3.22E-07 | 3.21E-07 | 3.19E-07 |
| 166990.506312807390 | 166990.51 | 3908719.45 | FENCEGRD | 2.32E-05 | 2.29E-05 | 2.25E-05 | 2.22E-05 | 8.42E-07 | 1.03E-05 | 3.29E-07 | 3.27E-07 | 3.25E-07 | 3.23E-07 |
| 166979.272676443390 | 166979.27 | 3908740.10 | FENCEGRD | 2.36E-05 | 2.33E-05 | 2.29E-05 | 2.26E-05 | 8.73E-07 | 1.11E-05 | 3.33E-07 | 3.32E-07 | 3.30E-07 | 3.28E-07 |
| 166968.039040079390 | 166968.04 | 3908760.75 | FENCEGRD | 2.44E-05 | 2.40E-05 | 2.36E-05 | 2.33E-05 | 9.03E-07 | 1.20E-05 | 3.41E-07 | 3.39E-07 | 3.37E-07 | 3.36E-07 |
| 166956.805403716390 | 166956.81 | 3908781.40 | FENCEGRD | 2.55E-05 | 2.51E-05 | 2.47E-05 | 2.43E-05 | 9.31E-07 | 1.30E-05 | 3.54E-07 | 3.52E-07 | 3.50E-07 | 3.49E-07 |
| 166945.571767352390 | 166945.57 | 3908802.05 | FENCEGRD | 2.69E-05 | 2.65E-05 | 2.60E-05 | 2.56E-05 | 9.56E-07 | 1.42E-05 | 3.75E-07 | 3.73E-07 | 3.70E-07 | 3.69E-07 |
| 167371.888474415390 | 167371.89 | 3909070.62 | FENCEGRD | 1.17E-04 | 1.14E-04 | 1.10E-04 | 1.07E-04 | 1.62E-06 | 9.97E-05 | 1.14E-06 | 1.12E-06 | 1.09E-06 | 1.07E-06 |
| 167324.488572333390 | 167324.49 | 3909054.72 | FENCEGRD | 1.04E-04 | 1.01E-04 | 9.79E-05 | 9.50E-05 | 1.55E-06 | 8.34E-05 | 1.05E-06 | 1.03E-06 | 1.01E-06 | 9.96E-07 |
| 167277.083364552390 | 167277.08 | 3909038.83 | FENCEGRD | 9.18E-05 | 8.90E-05 | 8.63E-05 | 8.39E-05 | 1.52E-06 | 7.01E-05 | 9.76E-07 | 9.59E-07 | 9.45E-07 | 9.33E-07 |
| 167287.015632423390 | 167287.02 | 3909016.01 | FENCEGRD | 7.82E-05 | 7.62E-05 | 7.42E-05 | 7.24E-05 | 1.42E-06 | 6.36E-05 | 7.98E-07 | 7.87E-07 | 7.78E-07 | 7.70E-07 |
| 167182.264672139090 | 167182.26 | 3909007.07 | FENCEGRD | 7.12E-05 | 6.93E-05 | 6.74E-05 | 6.58E-05 | 1.44E-06 | 5.06E-05 | 8.56E-07 | 8.44E-07 | 8.35E-07 | 8.26E-07 |
| 167192.329370213908 | 167192.33 | 3908983.95 | FENCEGRD | 6.28E-05 | 6.13E-05 | 5.98E-05 | 5.84E-05 | 1.36E-06 | 4.55E-05 | 7.21E-07 | 7.12E-07 | 7.05E-07 | 6.98E-07 |
| 167087.440283725390 | 167087.44 | 3908975.32 | FENCEGRD | 5.69E-05 | 5.55E-05 | 5.41E-05 | 5.29E-05 | 1.35E-06 | 3.83E-05 | 7.64E-07 | 7.55E-07 | 7.47E-07 | 7.40E-07 |
| 167096.458830418390 | 167096.46 | 3908954.60 | FENCEGRD | 5.16E-05 | 5.05E-05 | 4.93E-05 | 4.83E-05 | 1.28E-06 | 3.47E-05 | 6.67E-07 | 6.60E-07 | 6.54E-07 | 6.48E-07 |
| 167106.604695447390 | 167106.60 | 3908931.29 | FENCEGRD | 4.66E-05 | 4.56E-05 | 4.46E-05 | 4.38E-05 | 1.22E-06 | 3.08E-05 | 5.79E-07 | 5.73E-07 | 5.68E-07 | 5.64E-07 |
| 166992.612970415390 | 166992.61 | 3908943.58 | FENCEGRD | 4.62E-05 | 4.52E-05 | 4.42E-05 | 4.33E-05 | 1.24E-06 | 2.95E-05 | 6.82E-07 | 6.75E-07 | 6.68E-07 | 6.62E-07 |
| 167001.680266009390 | 167001.68 | 3908922.75 | FENCEGRD | 4.27E-05 | 4.18E-05 | 4.09E-05 | 4.01E-05 | 1.18E-06 | 2.68E-05 | 6.08E-07 | 6.02E-07 | 5.97E-07 | 5.92E-07 |
| 167010.747561603390 | 167010.75 | 3908901.92 | FENCEGRD | 3.94E-05 | 3.87E-05 | 3.79E-05 | 3.72E-05 | 1.14E-06 | 2.41E-05 | 5.42E-07 | 5.37E-07 | 5.33E-07 | 5.29E-07 |
| 167019.814857197390 | 167019.81 | 3908881.09 | FENCEGRD | 3.63E-05 | 3.57E-05 | 3.50E-05 | 3.44E-05 | 1.10E-06 | 2.16E-05 | 4.86E-07 | 4.82E-07 | 4.79E-07 | 4.76E-07 |
| 166897.783956562390 | 166897.78 | 3908911.84 | FENCEGRD | 3.82E-05 | 3.75E-05 | 3.67E-05 | 3.60E-05 | 1.15E-06 | 2.32E-05 | 6.10E-07 | 6.04E-07 | 5.99E-07 | 5.94E-07 |
| 166906.886396713390 | 166906.89 | 3908890.93 | FENCEGRD | 3.55E-05 | 3.49E-05 | 3.42E-05 | 3.36E-05 | 1.08E-06 | 2.10E-05 | 5.50E-07 | 5.45E-07 | 5.41E-07 | 5.37E-07 |
| 166915.988836863390 | 166915.99 | 3908870.02 | FENCEGRD | 3.31E-05 | 3.25E-05 | 3.19E-05 | 3.14E-05 | 1.04E-06 | 1.91E-05 | 4.96E-07 | 4.92E-07 | 4.88E-07 | 4.85E-07 |
| 166925.091277014390 | 166925.09 | 3908849.11 | FENCEGRD | 3.09E-05 | 3.04E-05 | 2.99E-05 | 2.94E-05 | 1.01E-06 | 1.74E-05 | 4.50E-07 | 4.47E-07 | 4.44E-07 | 4.41E-07 |
| 166934.193717164390 | 166934.19 | 3908828.19 | FENCEGRD | 2.90E-05 | 2.85E-05 | 2.80E-05 | 2.76E-05 | 9.85E-07 | 1.59E-05 | 4.12E-07 | 4.09E-07 | 4.06E-07 | 4.04E-07 |
| 167363.014395385390 | 167363.01 | 3909118.12 | FENCEGRD | 2.11E-04 | 2.01E-04 | 1.91E-04 | 1.82E-04 | 1.90E-06 | 1.18E-04 | 2.17E-06 | 2.08E-06 | 2.01E-06 | 1.95E-06 |
| 167359.573909162.59 | 167359.57 | 3909162.59 | FENCEGRD | 3.39E-04 | 3.23E-04 | 3.07E-04 | 2.93E-04 | 2.60E-06 | 1.33E-04 | 4.14E-06 | 3.96E-06 | 3.80E-06 | 3.66E-06 |
| 167359.573909185.91 | 167359.57 | 3909185.91 | FENCEGRD | 4.07E-04 | 3.89E-04 | 3.71E-04 | 3.55E-04 | 3.33E-06 | 1.41E-04 | 5.61E-06 | 5.38E-06 | 5.18E-06 | 5.00E-06 |
| 167359.573909209.23 | 167359.57 | 3909209.24 | FENCEGRD | 4.70E-04 | 4.51E-04 | 4.31E-04 | 4.14E-04 | 4.53E-06 | 1.47E-04 | 7.28E-06 | 7.02E-06 | 6.79E-06 | 6.57E-06 |
| 167359.573909232.55 | 167359.57 | 3909232.56 | FENCEGRD | 5.22E-04 | 5.05E-04 | 4.86E-04 | 4.69E-04 | 6.54E-06 | 1.51E-04 | 9.00E-06 | 8.73E-06 | 8.48E-06 | 8.23E-06 |
| 167359.573909255.87 | 167359.57 | 3909255.88 | FENCEGRD | 5.59E-04 | 5.46E-04 | 5.28E-04 | 5.13E-04 | 9.70E-06 | 1.53E-04 | 1.06E-05 | 1.03E-05 | 1.01E-05 | 9.80E-06 |
| 167312.799120674390 | 167312.80 | 3909119.44 | FENCEGRD | 2.04E-04 | 1.94E-04 | 1.84E-04 | 1.76E-04 | 2.05E-06 | 1.08E-04 | 2.23E-06 | 2.15E-06 | 2.09E-06 | 2.03E-06 |
| 167319.257362021390 | 167319.26 | 3909079.78 | FENCEGRD | 1.33E-04 | 1.28E-04 | 1.23E-04 | 1.18E-04 | 1.69E-06 | 9.28E-05 | 1.38E-06 | 1.34E-06 | 1.31E-06 | 1.29E-06 |
| 167309.573909162.59 | 167309.57 | 3909162.59 | FENCEGRD | 3.04E-04 | 2.90E-04 | 2.76E-04 | 2.63E-04 | 2.87E-06 | 1.23E-04 | 3.80E-06 | 3.66E-06 | 3.53E-06 | 3.42E-06 |
| 167309.573909185.91 | 167309.57 | 3909185.91 | FENCEGRD | 3.58E-04 | 3.43E-04 | 3.27E-04 | 3.13E-04 | 3.63E-06 | 1.31E-04 | 4.96E-06 | 4.79E-06 | 4.63E-06 | 4.49E-06 |
| 167309.573909209.23 | 167309.57 | 3909209.24 | FENCEGRD | 4.11E-04 | 3.95E-04 | 3.77E-04 | 3.62E-04 | 4.80E-06 | 1.39E-04 | 6.27E-06 | 6.07E-06 | 5.90E-06 | 5.73E-06 |
| 167309.573909232.55 | 167309.57 | 3909232.56 | FENCEGRD | 4.61E-04 | 4.44E-04 | 4.24E-04 | 4.08E-04 | 6.59E-06 | 1.44E-04 | 7.63E-06 | 7.41E-06 | 7.22E-06 | 7.03E-06 |
| 167309.573909255.87 | 167309.57 | 3909255.88 | FENCEGRD | 4.96E-04 | 4.80E-04 | 4.62E-04 | 4.47E-04 | 9.15E-06 | 1.46E-04 | 8.84E-06 | 8.62E-06 | 8.42E-06 | 8.23E-06 |
| 167309.573909279.2 | 167309.57 | 3909279.20 | FENCEGRD | 5.15E-04 | 5.02E-04 | 4.86E-04 | 4.73E-04 | 1.25E-05 | 1.45E-04 | 9.80E-06 | 9.61E-06 | 9.42E-06 | 9.23E-06 |
| 167262.669955847390 | 167262.67 | 3909120.23 | FENCEGRD | 1.90E-04 | 1.81E-04 | 1.72E-04 | 1.65E-04 | 2.22E-06 | 9.83E-05 | 2.23E-06 | 2.16E-06 | 2.10E-06 | 2.05E-06 |
| 167268.869867543909 | 167268.87 | 3909082.16 | FENCEGRD | 1.33E-04 | 1.27E-04 | 1.22E-04 | 1.17E-04 | 1.78E-06 | 8.46E-05 | 1.48E-06 | 1.45E-06 | 1.42E-06 | 1.39E-06 |
| 167259.573909162.59 | 167259.57 | 3909162.59 | FENCEGRD | 2.71E-04 | 2.59E-04 | 2.46E-04 | 2.36E-04 | 3.11E-06 | 1.14E-04 | 3.55E-06 | 3.43E-06 | 3.32E-06 | 3.23E-06 |
| 167259.573909185.91 | 167259.57 | 3909185.91 | FENCEGRD | 3.16E-04 | 3.03E-04 | 2.89E-04 | 2.77E-04 | 3.89E-06 | 1.22E-04 | 4.50E-06 | 4.36E-06 | 4.23E-06 | 4.11E-06 |
| 167259.573909209.23 | 167259.57 | 3909209.24 | FENCEGRD | 3.57E-04 | 3.43E-04 | 3.28E-04 | 3.15E-04 | 5.00E-06 | 1.29E-04 | 5.52E-06 | 5.37E-06 | 5.23E-06 | 5.09E-06 |
| 167259.573909232.55 | 167259.57 | 3909232.56 | FENCEGRD | 3.93E-04 | 3.78E-04 | 3.62E-04 | 3.49E-04 | 6.55E-06 | 1.33E-04 | 6.52E-06 | 6.36E-06 | 6.21E-06 | 6.07E-06 |
| 167259.573909255.87 | 167259.57 | 3909255.88 | FENCEGRD | 4.22E-04 | 4.08E-04 | 3.92E-04 | 3.79E-04 | 8.63E-06 | 1.34E-04 | 7.43E-06 | 7.27E-06 | 7.11E-06 | 6.96E-06 |
| 167259.573909279.2 | 167259.57 | 3909279.20 | FENCEGRD | 4.42E-04 | 4.29E-04 | 4.15E-04 | 4.03E-04 | 1.12E-05 | 1.34E-04 | 8.22E-06 | 8.06E-06 | 7.91E-06 | 7.76E-06 |
| 167163.014395385390 | 167163.01 | 3909118.12 | FENCEGRD | 1.55E-04 | 1.49E-04 | 1.42E-04 | 1.37E-04 | 2.46E-06 | 8.06E-05 | 2.08E-06 | 2.03E-06 | 1.99E-06 | 1.95E-06 |
| 167169.903186155390 | 167169.90 | 3909075.82 | FENCEGRD | 1.13E-04 | 1.09E-04 | 1.05E-04 | 1.01E-04 | 1.89E-06 | 6.89E-05 | 1.47E-06 | 1.44E-06 | 1.41E-06 | 1.39E-06 |
| 167176.791976925390 | 167176.79 | 3909033.51 | FENCEGRD | 8.38E-05 | 8.12E-05 | 7.87E-05 | 7.65E-05 | 1.57E-06 | 5.73E-05 | 1.05E-06 | 1.03E-06 | 1.02E-06 | 1.00E-06 |
| 167159.573909162.59 | 167159.57 | 3909162.59 | FENCEGRD | 2.09E-04 | 2.00E-04 | 1.92E-04 | 1.84E-04 | 3.44E-06 | 9.25E-05 | 3.03E-06 | 2.95E-06 | 2.88E-06 | 2.81E-06 |
| 167159.573909185.91 | 167159.57 | 3909185.91 | FENCEGRD | 2.37E-04 | 2.28E-04 | 2.19E-04 | 2.11E-04 | 4.16E-06 | 9.86E-05 | 3.66E-06 | 3.57E-06 | 3.48E-06 | 3.40E-06 |
| 167159.573909209.23 | 167159.57 | 3909209.24 | FENCEGRD | 2.62E-04 | 2.53E-04 | 2.43E-04 | 2.35E-04 | 5.09E-06 | 1.04E-04 | 4.33E-06 | 4.23E-06 | 4.14E-06 | 4.06E-06 |
| 167159.573909232.55 | 167159.57 | 3909232.56 | FENCEGRD | 2.86E-04 | 2.76E-04 | 2.66E-04 | 2.58E-04 | 6.27E-06 | 1.09E-04 | 5.00E-06 | 4.90E-06 | 4.80E-06 | 4.71E-06 |
| 167159.573909255.87 | 167159.57 | 3909255.88 | FENCEGRD | 3.07E-04 | 2.98E-04 | 2.87E-04 | 2.78E-04 | 7.77E-06 | 1.12E-04 | 5.63E-06 | 5.53E-06 | 5.43E-06 | 5.34E-06 |
| 167159.573909279.2 | 167159.57 | 3909279.20 | FENCEGRD | 3.27E-04 | 3.17E-04 | 3.07E-04 | 2.98E-04 | 9.59E-06 | 1.14E-04 | 6.22E-06 | 6.11E-06 | 6.01E-06 | 5.91E-06 |
| 167063.260423627390 | 167063.26 | 3909116.61 | FENCEGRD | 1.27E-04 | 1.22E-04 | 1.18E-04 | 1.13E-04 | 2.67E-06 | 6.71E-05 | 1.92E-06 | 1.88E-06 | 1.84E-06 | 1.81E-06 |
| 167066.950847254390 | 167066.95 | 3909093.95 | FENCEGRD | 1.11E-04 | 1.07E-04 | 1.03E-04 | 9.94E-05 | 2.32E-06 | 6.24E-05 | 1.65E-06 | 1.61E-06 | 1.59E-06 | 1.56E-06 |
| 167070.641270881390 | 167070.64 | 3909071.28 | FENCEGRD | 9.66E-05 | 9.33E-05 | 8.99E-05 | 8.71E-05 | 2.02E-06 | 5.77E-05 | 1.42E-06 | 1.39E-06 | 1.37E-06 | 1.35E-06 |
| 167074.331694508390 | 167074.33 | 3909048.62 | FENCEGRD | 8.42E-05 | 8.15E-05 | 7.88E-05 | 7.65E-05 | 1.79E-06 | 5.29E-05 | 1.22E-06 | 1.20E-06 | 1.19E-06 | 1.17E-06 |
| 167078.022118134390 | 167078.02 | 3909025.96 | FENCEGRD | 7.39E-05 | 7.17E-05 | 6.95E-0 | | | | | | | |

Project Ground Level Concentrations-0<2

| | | | | 0<2 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 166881.269690926390 | 166881.27 | 3909006.02 | FENCEGRD | 5.42E-05 | 5.29E-05 | 5.16E-05 | 5.04E-05 | 1.65E-06 | 3.41E-05 | 9.43E-07 | 9.31E-07 | 9.21E-07 | 9.11E-07 |
| 166884.886306083908 | 166884.89 | 3908983.81 | FENCEGRD | 4.96E-05 | 4.85E-05 | 4.73E-05 | 4.63E-05 | 1.50E-06 | 3.14E-05 | 8.51E-07 | 8.42E-07 | 8.33E-07 | 8.25E-07 |
| 166888.502921235390 | 166888.50 | 3908961.60 | FENCEGRD | 4.56E-05 | 4.46E-05 | 4.36E-05 | 4.27E-05 | 1.36E-06 | 2.88E-05 | 7.69E-07 | 7.60E-07 | 7.53E-07 | 7.46E-07 |
| 166859.573909139.27 | 166859.57 | 3909139.27 | FENCEGRD | 9.71E-05 | 9.42E-05 | 9.12E-05 | 8.86E-05 | 3.11E-06 | 5.09E-05 | 1.80E-06 | 1.77E-06 | 1.74E-06 | 1.72E-06 |
| 166859.573909162.59 | 166859.57 | 3909162.59 | FENCEGRD | 1.08E-04 | 1.04E-04 | 1.01E-04 | 9.82E-05 | 3.48E-06 | 5.41E-05 | 2.04E-06 | 2.00E-06 | 1.97E-06 | 1.94E-06 |
| 166859.573909185.91 | 166859.57 | 3909185.91 | FENCEGRD | 1.18E-04 | 1.15E-04 | 1.11E-04 | 1.08E-04 | 3.92E-06 | 5.74E-05 | 2.30E-06 | 2.26E-06 | 2.23E-06 | 2.19E-06 |
| 166859.573909209.23 | 166859.57 | 3909209.24 | FENCEGRD | 1.29E-04 | 1.25E-04 | 1.22E-04 | 1.18E-04 | 4.44E-06 | 6.08E-05 | 2.59E-06 | 2.55E-06 | 2.51E-06 | 2.47E-06 |
| 166859.573909232.55 | 166859.57 | 3909232.56 | FENCEGRD | 1.38E-04 | 1.35E-04 | 1.31E-04 | 1.28E-04 | 5.04E-06 | 6.39E-05 | 2.89E-06 | 2.85E-06 | 2.81E-06 | 2.77E-06 |
| 166859.573909255.87 | 166859.57 | 3909255.88 | FENCEGRD | 1.47E-04 | 1.43E-04 | 1.40E-04 | 1.36E-04 | 5.74E-06 | 6.70E-05 | 3.18E-06 | 3.14E-06 | 3.10E-06 | 3.06E-06 |
| 166859.573909279.2 | 166859.57 | 3909279.20 | FENCEGRD | 1.55E-04 | 1.52E-04 | 1.48E-04 | 1.44E-04 | 6.54E-06 | 6.98E-05 | 3.46E-06 | 3.41E-06 | 3.37E-06 | 3.33E-06 |
| 167540.497012865390 | 167540.50 | 3909215.75 | | 2.77E-04 | 2.84E-04 | 2.94E-04 | 3.01E-04 | 1.08E-05 | 1.76E-04 | 2.26E-05 | 2.24E-05 | 2.24E-05 | 2.17E-05 |
| 167541.642759649390 | 167541.64 | 3909179.96 | | 2.16E-04 | 2.13E-04 | 2.13E-04 | 2.14E-04 | 8.78E-06 | 1.72E-04 | 1.52E-05 | 1.38E-05 | 1.24E-05 | 1.12E-05 |
| 167537.739545029390 | 167537.74 | 3909149.96 | | 1.36E-04 | 1.34E-04 | 1.32E-04 | 1.30E-04 | 7.31E-06 | 1.66E-04 | 6.85E-06 | 5.83E-06 | 4.99E-06 | 4.40E-06 |
| 167536.333909120.68 | 167536.33 | 3909120.68 | | 7.09E-05 | 6.92E-05 | 6.90E-05 | 6.88E-05 | 6.67E-06 | 1.58E-04 | 2.36E-06 | 2.10E-06 | 1.90E-06 | 1.77E-06 |
| 167536.333909106.64 | 167536.33 | 3909106.64 | | 5.36E-05 | 5.37E-05 | 5.50E-05 | 5.61E-05 | 6.50E-06 | 1.54E-04 | 1.59E-06 | 1.48E-06 | 1.39E-06 | 1.33E-06 |
| 167534.583909076.82 | 167534.58 | 3909076.82 | | 4.66E-05 | 4.74E-05 | 4.87E-05 | 4.99E-05 | 6.03E-06 | 1.45E-04 | 1.09E-06 | 1.05E-06 | 1.02E-06 | 9.90E-07 |
| 167559.143909104.89 | 167559.14 | 3909104.89 | | 4.58E-05 | 4.62E-05 | 4.68E-05 | 4.75E-05 | 9.33E-06 | 1.68E-04 | 1.93E-06 | 1.79E-06 | 1.67E-06 | 1.58E-06 |
| 167557.393909075.06 | 167557.39 | 3909075.06 | | 4.51E-05 | 4.53E-05 | 4.55E-05 | 4.58E-05 | 8.13E-06 | 1.53E-04 | 1.48E-06 | 1.41E-06 | 1.34E-06 | 1.28E-06 |
| 167589.843909052.25 | 167589.84 | 3909052.25 | | 7.42E-05 | 6.31E-05 | 5.54E-05 | 5.17E-05 | 1.19E-05 | 1.75E-04 | 2.99E-06 | 2.73E-06 | 2.50E-06 | 2.32E-06 |
| 167615.283909003.13 | 167615.28 | 3909003.13 | | 2.33E-04 | 1.88E-04 | 1.50E-04 | 1.28E-04 | 1.28E-05 | 1.75E-04 | 3.94E-06 | 3.64E-06 | 3.37E-06 | 3.15E-06 |
| 167542.473909053.13 | 167542.47 | 3909053.13 | | 4.52E-05 | 4.57E-05 | 4.67E-05 | 4.77E-05 | 6.36E-06 | 1.39E-04 | 1.12E-06 | 1.08E-06 | 1.04E-06 | 1.01E-06 |
| 167566.163909006.64 | 167566.16 | 3909006.64 | | 6.22E-05 | 5.88E-05 | 5.59E-05 | 5.45E-05 | 7.39E-06 | 1.29E-04 | 1.64E-06 | 1.56E-06 | 1.47E-06 | 1.40E-06 |
| 167539.753909198.46 | 167539.75 | 3909198.46 | | 2.55E-04 | 2.58E-04 | 2.64E-04 | 2.68E-04 | 9.09E-06 | 1.73E-04 | 1.91E-05 | 1.83E-05 | 1.74E-05 | 1.63E-05 |
| 167537.083909134.72 | 167537.08 | 3909134.72 | | 9.87E-05 | 9.59E-05 | 9.44E-05 | 9.27E-05 | 6.96E-06 | 1.62E-04 | 3.97E-06 | 3.39E-06 | 2.94E-06 | 2.64E-06 |
| 167535.553909092.74 | 167535.55 | 3909092.74 | | 4.78E-05 | 4.87E-05 | 5.02E-05 | 5.16E-05 | 6.27E-06 | 1.50E-04 | 1.25E-06 | 1.20E-06 | 1.15E-06 | 1.11E-06 |
| 167558.453909089.69 | 167558.45 | 3909089.69 | | 4.48E-05 | 4.52E-05 | 4.59E-05 | 4.63E-05 | 8.69E-06 | 1.60E-04 | 1.62E-06 | 1.53E-06 | 1.45E-06 | 1.38E-06 |
| 167553.493909032.06 | 167553.49 | 3909032.06 | | 4.72E-05 | 4.69E-05 | 4.70E-05 | 4.75E-05 | 6.86E-06 | 1.34E-04 | 1.32E-06 | 1.26E-06 | 1.20E-06 | 1.15E-06 |
| 167601.963909028.24 | 167601.96 | 3909028.24 | | 1.46E-04 | 1.14E-04 | 9.00E-05 | 7.74E-05 | 1.24E-05 | 1.75E-04 | 3.49E-06 | 3.21E-06 | 2.96E-06 | 2.74E-06 |

Project Ground Level Concentrations-2<16

| | | | | 2<16 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167603.820034585390 | 167603.82 | 3909302.48 | FENCEGRD | 2.73E-04 | 2.82E-04 | 2.94E-04 | 3.07E-04 | 6.64E-05 | 8.33E-05 | 5.91E-06 | 6.13E-06 | 6.39E-06 | 6.66E-06 |
| 167615.268534585390 | 167615.27 | 3909280.72 | FENCEGRD | 2.61E-04 | 2.68E-04 | 2.76E-04 | 2.83E-04 | 7.85E-05 | 8.39E-05 | 5.79E-06 | 6.05E-06 | 6.35E-06 | 6.65E-06 |
| 167626.717034585390 | 167626.72 | 3909258.96 | FENCEGRD | 2.41E-04 | 2.47E-04 | 2.50E-04 | 2.51E-04 | 8.74E-05 | 8.60E-05 | 6.05E-06 | 6.35E-06 | 6.69E-06 | 7.04E-06 |
| 167638.165534585390 | 167638.17 | 3909237.19 | FENCEGRD | 2.02E-04 | 2.08E-04 | 2.13E-04 | 2.14E-04 | 9.39E-05 | 8.98E-05 | 6.71E-06 | 7.02E-06 | 7.37E-06 | 7.79E-06 |
| 167649.614034585390 | 167649.61 | 3909215.43 | FENCEGRD | 1.62E-04 | 1.63E-04 | 1.66E-04 | 1.68E-04 | 9.72E-05 | 9.78E-05 | 8.50E-06 | 8.86E-06 | 9.22E-06 | 9.74E-06 |
| 167661.062534585390 | 167661.06 | 3909193.67 | FENCEGRD | 1.57E-04 | 1.47E-04 | 1.40E-04 | 1.39E-04 | 9.54E-05 | 1.12E-04 | 1.21E-05 | 1.28E-05 | 1.34E-05 | 1.42E-05 |
| 167672.511034585390 | 167672.51 | 3909171.91 | FENCEGRD | 1.58E-04 | 1.44E-04 | 1.30E-04 | 1.21E-04 | 8.99E-05 | 1.30E-04 | 1.69E-05 | 1.80E-05 | 1.91E-05 | 2.06E-05 |
| 167683.959534585390 | 167683.96 | 3909150.15 | FENCEGRD | 1.76E-04 | 1.62E-04 | 1.45E-04 | 1.33E-04 | 8.27E-05 | 1.49E-04 | 2.19E-05 | 2.34E-05 | 2.52E-05 | 2.73E-05 |
| 167695.408034585390 | 167695.41 | 3909128.39 | FENCEGRD | 2.48E-04 | 2.53E-04 | 2.64E-04 | 2.97E-04 | 7.60E-05 | 1.66E-04 | 2.62E-05 | 2.80E-05 | 3.03E-05 | 3.28E-05 |
| 167706.856534585390 | 167706.86 | 3909106.63 | FENCEGRD | 5.68E-04 | 6.69E-04 | 8.19E-04 | 1.02E-03 | 7.02E-05 | 1.82E-04 | 2.92E-05 | 3.09E-05 | 3.30E-05 | 3.49E-05 |
| 167718.305034585390 | 167718.31 | 3909084.86 | FENCEGRD | 1.06E-03 | 1.25E-03 | 1.49E-03 | 1.71E-03 | 6.64E-05 | 1.97E-04 | 3.03E-05 | 3.15E-05 | 3.28E-05 | 3.37E-05 |
| 167729.753534585390 | 167729.75 | 3909063.10 | FENCEGRD | 1.54E-03 | 1.72E-03 | 1.91E-03 | 2.05E-03 | 6.29E-05 | 2.12E-04 | 2.98E-05 | 3.04E-05 | 3.09E-05 | 3.11E-05 |
| 167741.202034585390 | 167741.20 | 3909041.34 | FENCEGRD | 1.81E-03 | 1.93E-03 | 2.04E-03 | 2.11E-03 | 5.93E-05 | 2.27E-04 | 2.83E-05 | 2.85E-05 | 2.85E-05 | 2.84E-05 |
| 167752.650534585390 | 167752.65 | 3909019.58 | FENCEGRD | 1.90E-03 | 1.96E-03 | 2.01E-03 | 2.03E-03 | 5.59E-05 | 2.41E-04 | 2.65E-05 | 2.65E-05 | 2.62E-05 | 2.59E-05 |
| 167764.099034585390 | 167764.10 | 3908997.82 | FENCEGRD | 1.85E-03 | 1.88E-03 | 1.89E-03 | 1.88E-03 | 5.24E-05 | 2.54E-04 | 2.45E-05 | 2.43E-05 | 2.40E-05 | 2.36E-05 |
| 167775.547534585390 | 167775.55 | 3908976.06 | FENCEGRD | 1.73E-03 | 1.74E-03 | 1.73E-03 | 1.71E-03 | 4.89E-05 | 2.65E-04 | 2.26E-05 | 2.23E-05 | 2.19E-05 | 2.15E-05 |
| 167786.996034585390 | 167787.00 | 3908954.30 | FENCEGRD | 1.59E-03 | 1.58E-03 | 1.56E-03 | 1.53E-03 | 4.57E-05 | 2.76E-04 | 2.08E-05 | 2.05E-05 | 2.01E-05 | 1.98E-05 |
| 167798.444534585390 | 167798.44 | 3908932.53 | FENCEGRD | 1.43E-03 | 1.41E-03 | 1.38E-03 | 1.36E-03 | 4.21E-05 | 2.87E-04 | 1.90E-05 | 1.87E-05 | 1.83E-05 | 1.80E-05 |
| 167809.893034585390 | 167809.89 | 3908910.77 | FENCEGRD | 1.29E-03 | 1.27E-03 | 1.24E-03 | 1.21E-03 | 3.93E-05 | 2.99E-04 | 1.76E-05 | 1.72E-05 | 1.69E-05 | 1.66E-05 |
| 167821.341534585390 | 167821.34 | 3908889.01 | FENCEGRD | 1.15E-03 | 1.13E-03 | 1.10E-03 | 1.07E-03 | 3.62E-05 | 3.16E-04 | 1.61E-05 | 1.58E-05 | 1.55E-05 | 1.52E-05 |
| 167832.790034585390 | 167832.79 | 3908867.25 | FENCEGRD | 1.04E-03 | 1.02E-03 | 9.91E-04 | 9.66E-04 | 3.41E-05 | 3.38E-04 | 1.50E-05 | 1.47E-05 | 1.45E-05 | 1.42E-05 |
| 167583.765368876390 | 167583.77 | 3909333.07 | FENCEGRD | 2.85E-04 | 2.98E-04 | 3.18E-04 | 3.39E-04 | 4.84E-05 | 8.53E-05 | 6.25E-06 | 6.44E-06 | 6.67E-06 | 6.92E-06 |
| 167625.945051877390 | 167625.95 | 3909314.12 | FENCEGRD | 2.80E-04 | 2.91E-04 | 2.99E-04 | 3.04E-04 | 4.55E-05 | 7.26E-05 | 4.94E-06 | 5.14E-06 | 5.36E-06 | 5.56E-06 |
| 167637.393551877390 | 167637.39 | 3909292.36 | FENCEGRD | 2.66E-04 | 2.80E-04 | 2.92E-04 | 3.00E-04 | 5.63E-05 | 7.36E-05 | 4.92E-06 | 5.11E-06 | 5.34E-06 | 5.56E-06 |
| 167648.842051877390 | 167648.84 | 3909270.60 | FENCEGRD | 2.41E-04 | 2.56E-04 | 2.73E-04 | 2.84E-04 | 6.63E-05 | 7.57E-05 | 5.21E-06 | 5.37E-06 | 5.58E-06 | 5.80E-06 |
| 167660.290551877390 | 167660.29 | 3909248.83 | FENCEGRD | 2.08E-04 | 2.15E-04 | 2.26E-04 | 2.37E-04 | 7.40E-05 | 7.80E-05 | 5.74E-06 | 5.87E-06 | 6.02E-06 | 6.20E-06 |
| 167671.739051877390 | 167671.74 | 3909227.07 | FENCEGRD | 2.17E-04 | 2.12E-04 | 2.08E-04 | 2.07E-04 | 8.09E-05 | 8.27E-05 | 6.88E-06 | 7.03E-06 | 7.18E-06 | 7.38E-06 |
| 167683.187551877390 | 167683.19 | 3909205.31 | FENCEGRD | 2.66E-04 | 2.58E-04 | 2.42E-04 | 2.26E-04 | 8.48E-05 | 9.09E-05 | 8.80E-06 | 9.10E-06 | 9.38E-06 | 9.74E-06 |
| 167694.636051877390 | 167694.64 | 3909183.55 | FENCEGRD | 2.86E-04 | 2.82E-04 | 2.73E-04 | 2.60E-04 | 8.54E-05 | 1.03E-04 | 1.16E-05 | 1.21E-05 | 1.26E-05 | 1.33E-05 |
| 167706.084551877390 | 167706.08 | 3909161.79 | FENCEGRD | 2.98E-04 | 2.94E-04 | 2.81E-04 | 2.66E-04 | 8.26E-05 | 1.17E-04 | 1.51E-05 | 1.59E-05 | 1.67E-05 | 1.77E-05 |
| 167717.533051877390 | 167717.53 | 3909140.03 | FENCEGRD | 3.41E-04 | 3.46E-04 | 3.45E-04 | 3.46E-04 | 7.83E-05 | 1.33E-04 | 1.89E-05 | 1.99E-05 | 2.12E-05 | 2.25E-05 |
| 167728.981551877390 | 167728.98 | 3909118.27 | FENCEGRD | 4.48E-04 | 4.88E-04 | 5.35E-04 | 6.03E-04 | 7.38E-05 | 1.46E-04 | 2.20E-05 | 2.32E-05 | 2.46E-05 | 2.61E-05 |
| 167740.430051877390 | 167740.43 | 3909096.50 | FENCEGRD | 7.01E-04 | 7.93E-04 | 9.12E-04 | 1.05E-03 | 7.03E-05 | 1.59E-04 | 2.44E-05 | 2.56E-05 | 2.70E-05 | 2.83E-05 |
| 167751.878551877390 | 167751.88 | 3909074.74 | FENCEGRD | 1.05E-03 | 1.19E-03 | 1.35E-03 | 1.51E-03 | 6.70E-05 | 1.74E-04 | 2.60E-05 | 2.70E-05 | 2.80E-05 | 2.89E-05 |
| 167763.327051877390 | 167763.33 | 3909052.98 | FENCEGRD | 1.38E-03 | 1.52E-03 | 1.67E-03 | 1.80E-03 | 6.41E-05 | 1.89E-04 | 2.65E-05 | 2.72E-05 | 2.79E-05 | 2.84E-05 |
| 167774.775551877390 | 167774.78 | 3909031.22 | FENCEGRD | 1.58E-03 | 1.69E-03 | 1.81E-03 | 1.89E-03 | 6.00E-05 | 2.03E-04 | 2.60E-05 | 2.64E-05 | 2.67E-05 | 2.69E-05 |
| 167786.224051877390 | 167786.22 | 3909009.46 | FENCEGRD | 1.64E-03 | 1.72E-03 | 1.80E-03 | 1.85E-03 | 5.56E-05 | 2.16E-04 | 2.48E-05 | 2.49E-05 | 2.50E-05 | 2.50E-05 |
| 167797.672551877390 | 167797.67 | 3908987.70 | FENCEGRD | 1.61E-03 | 1.65E-03 | 1.69E-03 | 1.71E-03 | 5.09E-05 | 2.28E-04 | 2.32E-05 | 2.32E-05 | 2.31E-05 | 2.29E-05 |
| 167809.121051877390 | 167809.12 | 3908965.94 | FENCEGRD | 1.53E-03 | 1.55E-03 | 1.56E-03 | 1.56E-03 | 4.69E-05 | 2.42E-04 | 2.17E-05 | 2.15E-05 | 2.13E-05 | 2.11E-05 |
| 167820.569551877390 | 167820.57 | 3908944.17 | FENCEGRD | 1.43E-03 | 1.43E-03 | 1.43E-03 | 1.41E-03 | 4.29E-05 | 2.60E-04 | 2.02E-05 | 2.00E-05 | 1.97E-05 | 1.94E-05 |
| 167832.018051877390 | 167832.02 | 3908922.41 | FENCEGRD | 1.30E-03 | 1.30E-03 | 1.28E-03 | 1.26E-03 | 3.97E-05 | 2.82E-04 | 1.89E-05 | 1.87E-05 | 1.84E-05 | 1.81E-05 |
| 167843.466551877390 | 167843.47 | 3908900.65 | FENCEGRD | 1.15E-03 | 1.14E-03 | 1.13E-03 | 1.11E-03 | 3.70E-05 | 3.12E-04 | 1.78E-05 | 1.76E-05 | 1.72E-05 | 1.69E-05 |
| 167854.915051877390 | 167854.92 | 3908878.89 | FENCEGRD | 1.01E-03 | 9.98E-04 | 9.83E-04 | 9.65E-04 | 3.48E-05 | 3.38E-04 | 1.67E-05 | 1.64E-05 | 1.61E-05 | 1.58E-05 |
| 167610.577017612390 | 167610.58 | 3909342.60 | FENCEGRD | 2.72E-04 | 2.78E-04 | 2.85E-04 | 2.92E-04 | 3.08E-05 | 7.26E-05 | 5.27E-06 | 5.41E-06 | 5.57E-06 | 5.72E-06 |
| 167554.337440276390 | 167554.34 | 3909367.86 | FENCEGRD | 3.19E-04 | 3.40E-04 | 3.68E-04 | 3.95E-04 | 3.32E-05 | 8.93E-05 | 6.65E-06 | 6.90E-06 | 7.19E-06 | 7.48E-06 |
| 167648.070069173909 | 167648.07 | 3909325.76 | FENCEGRD | 2.46E-04 | 2.64E-04 | 2.83E-04 | 2.98E-04 | 3.40E-05 | 6.62E-05 | 4.35E-06 | 4.51E-06 | 4.69E-06 | 4.87E-06 |
| 167659.518569173909 | 167659.52 | 3909304.00 | FENCEGRD | 2.31E-04 | 2.48E-04 | 2.69E-04 | 2.87E-04 | 4.16E-05 | 6.74E-05 | 4.51E-06 | 4.62E-06 | 4.76E-06 | 4.92E-06 |
| 167670.967069173909 | 167670.97 | 3909282.24 | FENCEGRD | 2.16E-04 | 2.27E-04 | 2.43E-04 | 2.58E-04 | 4.99E-05 | 6.90E-05 | 4.86E-06 | 4.94E-06 | 5.04E-06 | 5.15E-06 |
| 167682.415569173909 | 167682.42 | 3909260.47 | FENCEGRD | 2.16E-04 | 2.19E-04 | 2.22E-04 | 2.27E-04 | 5.75E-05 | 7.06E-05 | 5.35E-06 | 5.42E-06 | 5.49E-06 | 5.58E-06 |
| 167693.864069173909 | 167693.86 | 3909238.71 | FENCEGRD | 2.52E-04 | 2.48E-04 | 2.40E-04 | 2.33E-04 | 6.49E-05 | 7.33E-05 | 6.03E-06 | 6.14E-06 | 6.24E-06 | 6.35E-06 |
| 167705.312569173909 | 167705.31 | 3909216.95 | FENCEGRD | 3.08E-04 | 3.14E-04 | 3.16E-04 | 3.13E-04 | 7.22E-05 | 7.94E-05 | 7.24E-06 | 7.43E-06 | 7.61E-06 | 7.83E-06 |
| 167716.761069173909 | 167716.76 | 3909195.19 | FENCEGRD | 3.23E-04 | 3.30E-04 | 3.34E-04 | 3.35E-04 | 7.62E-05 | 8.75E-05 | 8.95E-06 | 9.24E-06 | 9.52E-06 | 9.86E-06 |
| 167728.209569173909 | 167728.21 | 3909173.43 | FENCEGRD | 3.24E-04 | 3.29E-04 | 3.29E-04 | 3.26E-04 | 7.68E-05 | 9.61E-05 | 1.10E-05 | 1.14E-05 | 1.18E-05 | 1.24E-05 |
| 167739.658069173909 | 167739.66 | 3909151.67 | FENCEGRD | 3.24E-04 | 3.29E-04 | 3.29E-04 | 3.28E-04 | 7.53E-05 | 1.06E-04 | 1.34E-05 | 1.40E-05 | 1.47E-05 | 1.54E-05 |
| 167751.106569173909 | 167751.11 | 3909129.91 | FENCEGRD | 3.72E-04 | 3.93E-04 | 4.15E-04 | 4.41E-04 | 7.32E-05 | 1.17E-04 | 1.62E-05 | 1.70E-05 | 1.79E-05 | 1.88E-05 |
| 167762.555069173909 | 167762.56 | 3909108.14 | FENCEGRD | 5.17E-04 | 5.66E-04 | 6.27E-04 | 6.99E-04 | 7.08E-05 | 1.30E-04 | 1.88E-05 | 1.97E-05 | 2.07E-05 | 2.18E-05 |
| 167774.003569173909 | 167774.00 | 3909086.38 | FENCEGRD | 7.35E-04 | 8.20E-04 | 9.27E-04 | 1.04E-03 | 6.83E-05 | 1.44E-04 | 2.11E-05 | 2.20E-05 | 2.30E-05 | 2.40E-05 |
| 167785.452069173909 | 167785.45 | 3909064.62 | FENCEGRD | 9.85E-04 | 1.10E-03 | 1.23E-03 | 1.36E-03 | 6.57E-05 | 1.57E-04 | 2.26E-05 | 2.34E-05 | 2.43E-05 | 2.51E-05 |
| 167796.900569173909 | 167796.90 | 3909042.86 | FENCEGRD | 1.21E-03 | 1.32E-03 | 1.45E-03 | 1.56E-03 | 6.18E-05 | 1.71E-04 | 2.33E-05 | 2.39E-05 | 2.46E-05 | 2.51E-05 |
| 167808.349069173909 | 167808.35 | 3909021.10 | FENCEGRD | 1.34E-03 | 1.44E-03 | 1.54E-03 | 1.62E-03 | 5.74E-05 | 1.84E-04 | 2.32E-05 | 2.36E-05 | 2.40E-05 | 2.43E-05 |
| 167819.797569173908 | 167819.80 | 3908999.34 | FENCEGRD | 1.41E-03 | 1.48E-03 | 1.55E-03 | 1.60E-03 | 5.28E-05 | 2.00E-04 | 2.27E-05 | 2.29E-05 | 2.31E-05 | 2.33E-05 |
| 167831.246069173908 | 167831.25 | 3908977.57 | FENCEGRD | 1.41E-03 | 1.46E-03 | 1. | | | | | | | |

Project Ground Level Concentrations-2<16

| | | | | 2<16 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167818.253603755390 | 167818.25 | 3909109.66 | FENCEGRD | 4.50E-04 | 4.85E-04 | 5.25E-04 | 5.66E-04 | 6.20E-05 | 1.02E-04 | 1.32E-05 | 1.37E-05 | 1.43E-05 | 1.48E-05 |
| 167829.702103755390 | 167829.70 | 3909087.90 | FENCEGRD | 5.61E-04 | 6.07E-04 | 6.64E-04 | 7.21E-04 | 6.14E-05 | 1.12E-04 | 1.50E-05 | 1.55E-05 | 1.61E-05 | 1.67E-05 |
| 167841.150603755390 | 167841.15 | 3909066.14 | FENCEGRD | 6.86E-04 | 7.46E-04 | 8.20E-04 | 8.93E-04 | 5.99E-05 | 1.23E-04 | 1.66E-05 | 1.71E-05 | 1.78E-05 | 1.84E-05 |
| 167852.599103755390 | 167852.60 | 3909044.38 | FENCEGRD | 8.13E-04 | 8.85E-04 | 9.72E-04 | 1.05E-03 | 5.76E-05 | 1.37E-04 | 1.79E-05 | 1.85E-05 | 1.91E-05 | 1.96E-05 |
| 167864.047603755390 | 167864.05 | 3909022.62 | FENCEGRD | 9.08E-04 | 9.87E-04 | 1.08E-03 | 1.16E-03 | 5.54E-05 | 1.56E-04 | 1.92E-05 | 1.97E-05 | 2.03E-05 | 2.08E-05 |
| 167875.496103755390 | 167875.50 | 3909000.85 | FENCEGRD | 8.60E-04 | 9.33E-04 | 1.02E-03 | 1.09E-03 | 5.36E-05 | 1.79E-04 | 2.05E-05 | 2.10E-05 | 2.15E-05 | 2.19E-05 |
| 167886.944603755390 | 167886.94 | 3908979.09 | FENCEGRD | 6.63E-04 | 7.15E-04 | 7.76E-04 | 8.31E-04 | 5.10E-05 | 1.94E-04 | 2.06E-05 | 2.10E-05 | 2.14E-05 | 2.18E-05 |
| 167898.393103755390 | 167898.39 | 3908957.33 | FENCEGRD | 6.21E-04 | 6.62E-04 | 7.10E-04 | 7.53E-04 | 4.76E-05 | 2.03E-04 | 1.98E-05 | 2.02E-05 | 2.05E-05 | 2.08E-05 |
| 167909.841603755390 | 167909.84 | 3908935.57 | FENCEGRD | 6.23E-04 | 6.57E-04 | 6.97E-04 | 7.32E-04 | 4.47E-05 | 2.12E-04 | 1.91E-05 | 1.93E-05 | 1.96E-05 | 1.98E-05 |
| 167921.290103755390 | 167921.29 | 3908913.81 | FENCEGRD | 6.96E-04 | 7.26E-04 | 7.62E-04 | 7.91E-04 | 4.23E-05 | 2.25E-04 | 1.85E-05 | 1.86E-05 | 1.88E-05 | 1.89E-05 |
| 167716.119382945390 | 167716.12 | 3909381.50 | FENCEGRD | 4.63E-05 | 4.92E-05 | 5.36E-05 | 5.79E-05 | 1.68E-05 | 4.34E-05 | 3.03E-06 | 3.08E-06 | 3.12E-06 | 3.17E-06 |
| 167675.217872155390 | 167675.22 | 3909399.88 | FENCEGRD | 1.05E-04 | 1.14E-04 | 1.26E-04 | 1.37E-04 | 1.85E-05 | 5.07E-05 | 3.27E-06 | 3.37E-06 | 3.49E-06 | 3.61E-06 |
| 167634.316361365390 | 167634.32 | 3909418.25 | FENCEGRD | 1.99E-04 | 2.08E-04 | 2.16E-04 | 2.23E-04 | 1.54E-05 | 5.66E-05 | 3.98E-06 | 4.09E-06 | 4.22E-06 | 4.33E-06 |
| 167593.414850576390 | 167593.41 | 3909436.62 | FENCEGRD | 2.11E-04 | 2.16E-04 | 2.22E-04 | 2.29E-04 | 1.40E-05 | 6.16E-05 | 4.47E-06 | 4.52E-06 | 4.58E-06 | 4.64E-06 |
| 167552.513339786390 | 167552.51 | 3909454.99 | FENCEGRD | 2.29E-04 | 2.39E-04 | 2.52E-04 | 2.64E-04 | 1.74E-05 | 6.71E-05 | 4.74E-06 | 4.84E-06 | 4.97E-06 | 5.10E-06 |
| 167387.213968908390 | 167387.21 | 3909314.50 | FENCEGRD | 7.65E-04 | 7.75E-04 | 7.80E-04 | 7.82E-04 | 3.61E-05 | 1.99E-04 | 1.84E-05 | 1.84E-05 | 1.84E-05 | 1.84E-05 |
| 167373.391984454390 | 167373.39 | 3909296.85 | FENCEGRD | 8.21E-04 | 8.20E-04 | 8.13E-04 | 8.04E-04 | 2.74E-05 | 2.13E-04 | 1.83E-05 | 1.82E-05 | 1.80E-05 | 1.78E-05 |
| 167748.018638343909 | 167748.02 | 3909350.56 | FENCEGRD | 5.32E-05 | 5.50E-05 | 5.78E-05 | 6.09E-05 | 1.88E-05 | 4.55E-05 | 3.63E-06 | 3.68E-06 | 3.72E-06 | 3.76E-06 |
| 167759.467138343909 | 167759.47 | 3909328.79 | FENCEGRD | 6.06E-05 | 6.21E-05 | 6.45E-05 | 6.71E-05 | 2.14E-05 | 4.75E-05 | 3.97E-06 | 4.03E-06 | 4.10E-06 | 4.16E-06 |
| 167770.915638343909 | 167770.92 | 3909307.03 | FENCEGRD | 7.41E-05 | 7.68E-05 | 8.05E-05 | 8.43E-05 | 2.47E-05 | 5.00E-05 | 4.28E-06 | 4.36E-06 | 4.44E-06 | 4.53E-06 |
| 167782.364138343909 | 167782.36 | 3909285.27 | FENCEGRD | 1.11E-04 | 1.17E-04 | 1.25E-04 | 1.33E-04 | 2.86E-05 | 5.38E-05 | 4.62E-06 | 4.71E-06 | 4.80E-06 | 4.89E-06 |
| 167793.812638343909 | 167793.81 | 3909263.51 | FENCEGRD | 1.54E-04 | 1.63E-04 | 1.74E-04 | 1.85E-04 | 3.23E-05 | 5.63E-05 | 4.87E-06 | 4.95E-06 | 5.04E-06 | 5.13E-06 |
| 167805.261138343909 | 167805.26 | 3909241.75 | FENCEGRD | 1.93E-04 | 2.03E-04 | 2.15E-04 | 2.27E-04 | 3.59E-05 | 5.81E-05 | 5.09E-06 | 5.18E-06 | 5.27E-06 | 5.36E-06 |
| 167816.709638343909 | 167816.71 | 3909219.99 | FENCEGRD | 2.10E-04 | 2.20E-04 | 2.34E-04 | 2.46E-04 | 3.99E-05 | 6.10E-05 | 5.51E-06 | 5.62E-06 | 5.72E-06 | 5.84E-06 |
| 167828.158138343909 | 167828.16 | 3909198.23 | FENCEGRD | 2.20E-04 | 2.32E-04 | 2.46E-04 | 2.59E-04 | 4.37E-05 | 6.50E-05 | 6.20E-06 | 6.33E-06 | 6.47E-06 | 6.62E-06 |
| 167839.606638343909 | 167839.61 | 3909176.46 | FENCEGRD | 2.39E-04 | 2.52E-04 | 2.67E-04 | 2.81E-04 | 4.68E-05 | 6.96E-05 | 7.07E-06 | 7.25E-06 | 7.43E-06 | 7.63E-06 |
| 167851.055138343909 | 167851.06 | 3909154.70 | FENCEGRD | 2.62E-04 | 2.77E-04 | 2.96E-04 | 3.14E-04 | 4.91E-05 | 7.46E-05 | 8.04E-06 | 8.27E-06 | 8.51E-06 | 8.75E-06 |
| 167862.503638343909 | 167862.50 | 3909132.94 | FENCEGRD | 3.04E-04 | 3.25E-04 | 3.50E-04 | 3.75E-04 | 5.06E-05 | 7.99E-05 | 9.09E-06 | 9.35E-06 | 9.64E-06 | 9.93E-06 |
| 167873.952138343909 | 167873.95 | 3909111.18 | FENCEGRD | 3.64E-04 | 3.91E-04 | 4.23E-04 | 4.55E-04 | 5.16E-05 | 8.61E-05 | 1.02E-05 | 1.05E-05 | 1.08E-05 | 1.12E-05 |
| 167885.400638343909 | 167885.40 | 3909089.42 | FENCEGRD | 4.33E-04 | 4.65E-04 | 5.03E-04 | 5.40E-04 | 5.22E-05 | 9.40E-05 | 1.14E-05 | 1.17E-05 | 1.21E-05 | 1.25E-05 |
| 167896.849138343909 | 167896.85 | 3909067.66 | FENCEGRD | 4.96E-04 | 5.33E-04 | 5.78E-04 | 6.21E-04 | 5.22E-05 | 1.04E-04 | 1.27E-05 | 1.31E-05 | 1.35E-05 | 1.39E-05 |
| 167908.297638343909 | 167908.30 | 3909045.90 | FENCEGRD | 5.44E-04 | 5.87E-04 | 6.40E-04 | 6.92E-04 | 5.17E-05 | 1.16E-04 | 1.39E-05 | 1.43E-05 | 1.48E-05 | 1.52E-05 |
| 167919.746138343909 | 167919.75 | 3909024.13 | FENCEGRD | 5.80E-04 | 6.29E-04 | 6.89E-04 | 7.45E-04 | 5.08E-05 | 1.28E-04 | 1.50E-05 | 1.54E-05 | 1.59E-05 | 1.64E-05 |
| 167931.194638343909 | 167931.19 | 3909002.37 | FENCEGRD | 6.10E-04 | 6.60E-04 | 7.21E-04 | 7.76E-04 | 4.95E-05 | 1.40E-04 | 1.58E-05 | 1.62E-05 | 1.66E-05 | 1.70E-05 |
| 167942.643138343909 | 167942.64 | 3908980.61 | FENCEGRD | 6.48E-04 | 6.96E-04 | 7.52E-04 | 8.01E-04 | 4.80E-05 | 1.50E-04 | 1.62E-05 | 1.65E-05 | 1.69E-05 | 1.73E-05 |
| 167954.091638343909 | 167954.09 | 3908958.85 | FENCEGRD | 6.92E-04 | 7.35E-04 | 7.84E-04 | 8.26E-04 | 4.62E-05 | 1.59E-04 | 1.63E-05 | 1.66E-05 | 1.69E-05 | 1.71E-05 |
| 167965.540138343909 | 167965.54 | 3908937.09 | FENCEGRD | 7.31E-04 | 7.67E-04 | 8.09E-04 | 8.43E-04 | 4.45E-05 | 1.67E-04 | 1.61E-05 | 1.63E-05 | 1.66E-05 | 1.68E-05 |
| 167759.189566257390 | 167759.19 | 3909405.31 | FENCEGRD | 2.30E-05 | 2.29E-05 | 2.29E-05 | 2.30E-05 | 7.54E-06 | 2.28E-05 | 1.55E-06 | 1.57E-06 | 1.58E-06 | 1.60E-06 |
| 167737.558959589390 | 167737.56 | 3909415.03 | FENCEGRD | 2.41E-05 | 2.45E-05 | 2.52E-05 | 2.60E-05 | 9.37E-06 | 2.75E-05 | 1.78E-06 | 1.81E-06 | 1.83E-06 | 1.85E-06 |
| 167715.928352922390 | 167715.93 | 3909424.75 | FENCEGRD | 3.58E-05 | 3.78E-05 | 4.07E-05 | 4.35E-05 | 1.24E-05 | 3.51E-05 | 2.20E-06 | 2.24E-06 | 2.29E-06 | 2.34E-06 |
| 167694.297746254390 | 167694.30 | 3909434.46 | FENCEGRD | 7.46E-05 | 8.02E-05 | 8.77E-05 | 9.49E-05 | 1.45E-05 | 4.28E-05 | 2.65E-06 | 2.72E-06 | 2.80E-06 | 2.88E-06 |
| 167672.667139586390 | 167672.67 | 3909444.18 | FENCEGRD | 1.25E-04 | 1.34E-04 | 1.45E-04 | 1.55E-04 | 1.40E-05 | 4.70E-05 | 2.98E-06 | 3.07E-06 | 3.17E-06 | 3.27E-06 |
| 167651.036532919390 | 167651.04 | 3909453.89 | FENCEGRD | 1.62E-04 | 1.71E-04 | 1.80E-04 | 1.88E-04 | 1.26E-05 | 4.97E-05 | 3.32E-06 | 3.41E-06 | 3.52E-06 | 3.62E-06 |
| 167629.405926251390 | 167629.41 | 3909463.61 | FENCEGRD | 1.81E-04 | 1.87E-04 | 1.92E-04 | 1.96E-04 | 1.16E-05 | 5.22E-05 | 3.68E-06 | 3.75E-06 | 3.84E-06 | 3.91E-06 |
| 167607.775319583390 | 167607.78 | 3909473.33 | FENCEGRD | 1.86E-04 | 1.90E-04 | 1.94E-04 | 1.98E-04 | 1.15E-05 | 5.46E-05 | 3.96E-06 | 4.01E-06 | 4.06E-06 | 4.11E-06 |
| 167586.144712916390 | 167586.14 | 3909483.04 | FENCEGRD | 1.89E-04 | 1.93E-04 | 1.99E-04 | 2.05E-04 | 1.25E-05 | 5.67E-05 | 4.07E-06 | 4.11E-06 | 4.15E-06 | 4.20E-06 |
| 167564.514106248390 | 167564.51 | 3909492.76 | FENCEGRD | 1.95E-04 | 2.01E-04 | 2.09E-04 | 2.18E-04 | 1.44E-05 | 5.88E-05 | 4.13E-06 | 4.18E-06 | 4.25E-06 | 4.33E-06 |
| 167542.883499583909 | 167542.88 | 3909502.47 | FENCEGRD | 2.08E-04 | 2.17E-04 | 2.28E-04 | 2.38E-04 | 1.62E-05 | 6.21E-05 | 4.34E-06 | 4.43E-06 | 4.53E-06 | 4.64E-06 |
| 167521.252892913390 | 167521.25 | 3909512.19 | FENCEGRD | 2.31E-04 | 2.41E-04 | 2.54E-04 | 2.67E-04 | 1.79E-05 | 6.73E-05 | 4.79E-06 | 4.92E-06 | 5.05E-06 | 5.18E-06 |
| 167411.905846443909 | 167411.91 | 3909409.89 | FENCEGRD | 5.14E-04 | 5.22E-04 | 5.29E-04 | 5.35E-04 | 6.25E-05 | 1.38E-04 | 1.14E-05 | 1.16E-05 | 1.17E-05 | 1.19E-05 |
| 167397.286439805390 | 167397.29 | 3909391.22 | FENCEGRD | 5.54E-04 | 5.64E-04 | 5.73E-04 | 5.83E-04 | 6.25E-05 | 1.49E-04 | 1.28E-05 | 1.30E-05 | 1.32E-05 | 1.35E-05 |
| 167382.667033171390 | 167382.67 | 3909372.55 | FENCEGRD | 6.08E-04 | 6.20E-04 | 6.32E-04 | 6.42E-04 | 5.69E-05 | 1.63E-04 | 1.46E-05 | 1.49E-05 | 1.51E-05 | 1.53E-05 |
| 167368.047626537390 | 167368.05 | 3909353.88 | FENCEGRD | 6.72E-04 | 6.84E-04 | 6.93E-04 | 7.00E-04 | 4.83E-05 | 1.77E-04 | 1.63E-05 | 1.64E-05 | 1.66E-05 | 1.67E-05 |
| 167353.428219903390 | 167353.43 | 3909335.21 | FENCEGRD | 7.36E-04 | 7.42E-04 | 7.44E-04 | 7.44E-04 | 3.91E-05 | 1.92E-04 | 1.72E-05 | 1.72E-05 | 1.72E-05 | 1.71E-05 |
| 167338.808813268390 | 167338.81 | 3909316.54 | FENCEGRD | 7.79E-04 | 7.76E-04 | 7.67E-04 | 7.57E-04 | 3.08E-05 | 2.04E-04 | 1.71E-05 | 1.69E-05 | 1.68E-05 | 1.66E-05 |
| 167324.189406634390 | 167324.19 | 3909297.87 | FENCEGRD | 7.80E-04 | 7.68E-04 | 7.51E-04 | 7.35E-04 | 2.37E-05 | 2.10E-04 | 1.59E-05 | 1.57E-05 | 1.54E-05 | 1.52E-05 |
| 167780.820172925390 | 167780.82 | 3909395.60 | FENCEGRD | 2.44E-05 | 2.41E-05 | 2.37E-05 | 2.35E-05 | 6.51E-06 | 1.98E-05 | 1.41E-06 | 1.43E-06 | 1.44E-06 | 1.45E-06 |
| 167792.268672925390 | 167792.27 | 3909373.84 | FENCEGRD | 2.71E-05 | 2.67E-05 | 2.61E-05 | 2.57E-05 | 7.37E-06 | 2.09E-05 | 1.57E-06 | 1.59E-06 | 1.62E-06 | 1.64E-06 |
| 167803.717172925390 | 167803.72 | 3909352.07 | FENCEGRD | 2.92E-05 | 2.90E-05 | 2.87E-05 | 2.84E-05 | 8.68E-06 | 2.27E-05 | 1.78E-06 | 1.81E-06 | 1.84E-06 | 1.88E-06 |
| 167815.165672925390 | 167815.17 | 3909330.31 | FENCEGRD | 3.02E-05 | 3.03E-05 | 3.04E-05 | 3.05E-05 | 1.16E-05 | 2.74E-05 | 2.24E-06 | 2.29E-06 | 2.34E-06 | 2.38E-06 |
| 167826.614172925390 | 167826.61 | 3909308.55 | FENCEGRD | 3.73E-05 | 3.80E-05 | 3.91E-05 | 4.01E-05 | 1.65E-05 | 3.55E-05 | 3.01E-06 | 3.07E-06 | 3.13E-06 | 3.19E-06 |
| 167838.062672925390 | 167838.06 | 3909286.79 | FENCEGRD | 5.87E-05 | 6.08E-05 | 6. | | | | | | | |

Project Ground Level Concentrations-2<16

| | | | | 2<16 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167656.351475502390 | 167656.35 | 3909494.66 | FENCEGRD | 1.43E-04 | 1.50E-04 | 1.58E-04 | 1.64E-04 | 1.04E-05 | 4.54E-05 | 3.01E-06 | 3.08E-06 | 3.17E-06 | 3.26E-06 |
| 167635.261634001390 | 167635.26 | 3909504.14 | FENCEGRD | 1.57E-04 | 1.63E-04 | 1.68E-04 | 1.72E-04 | 1.00E-05 | 4.77E-05 | 3.35E-06 | 3.42E-06 | 3.49E-06 | 3.56E-06 |
| 167614.171792539095 | 167614.17 | 3909513.61 | FENCEGRD | 1.64E-04 | 1.67E-04 | 1.71E-04 | 1.74E-04 | 1.02E-05 | 4.96E-05 | 3.61E-06 | 3.66E-06 | 3.70E-06 | 3.75E-06 |
| 167593.081950999390 | 167593.08 | 3909523.08 | FENCEGRD | 1.66E-04 | 1.69E-04 | 1.73E-04 | 1.77E-04 | 1.13E-05 | 5.12E-05 | 3.72E-06 | 3.75E-06 | 3.78E-06 | 3.81E-06 |
| 167571.992109498390 | 167571.99 | 3909532.55 | FENCEGRD | 1.70E-04 | 1.75E-04 | 1.81E-04 | 1.86E-04 | 1.28E-05 | 5.28E-05 | 3.73E-06 | 3.77E-06 | 3.81E-06 | 3.86E-06 |
| 167550.902267997390 | 167550.90 | 3909542.03 | FENCEGRD | 1.80E-04 | 1.86E-04 | 1.94E-04 | 2.02E-04 | 1.41E-05 | 5.53E-05 | 3.83E-06 | 3.89E-06 | 3.96E-06 | 4.03E-06 |
| 167529.812426496390 | 167529.81 | 3909551.50 | FENCEGRD | 1.95E-04 | 2.04E-04 | 2.14E-04 | 2.23E-04 | 1.52E-05 | 5.90E-05 | 4.11E-06 | 4.20E-06 | 4.29E-06 | 4.39E-06 |
| 167508.722584995390 | 167508.72 | 3909560.97 | FENCEGRD | 2.18E-04 | 2.27E-04 | 2.40E-04 | 2.51E-04 | 1.71E-05 | 6.46E-05 | 4.61E-06 | 4.72E-06 | 4.84E-06 | 4.95E-06 |
| 167416.363136152390 | 167416.36 | 3909479.43 | FENCEGRD | 4.17E-04 | 4.24E-04 | 4.29E-04 | 4.34E-04 | 4.03E-05 | 1.13E-04 | 9.03E-06 | 9.13E-06 | 9.24E-06 | 9.35E-06 |
| 167402.109214684390 | 167402.11 | 3909461.23 | FENCEGRD | 4.44E-04 | 4.50E-04 | 4.55E-04 | 4.59E-04 | 4.71E-05 | 1.22E-04 | 9.72E-06 | 9.81E-06 | 9.93E-06 | 1.00E-05 |
| 167387.855293216390 | 167387.86 | 3909443.03 | FENCEGRD | 4.74E-04 | 4.80E-04 | 4.85E-04 | 4.90E-04 | 5.41E-05 | 1.30E-04 | 1.06E-05 | 1.07E-05 | 1.08E-05 | 1.09E-05 |
| 167373.601371747390 | 167373.60 | 3909424.82 | FENCEGRD | 5.10E-04 | 5.17E-04 | 5.25E-04 | 5.32E-04 | 5.81E-05 | 1.40E-04 | 1.17E-05 | 1.18E-05 | 1.20E-05 | 1.22E-05 |
| 167359.347450279390 | 167359.35 | 3909406.62 | FENCEGRD | 5.47E-04 | 5.57E-04 | 5.66E-04 | 5.75E-04 | 5.70E-05 | 1.49E-04 | 1.30E-05 | 1.32E-05 | 1.34E-05 | 1.35E-05 |
| 167345.093528813909 | 167345.09 | 3909388.42 | FENCEGRD | 5.92E-04 | 6.03E-04 | 6.12E-04 | 6.20E-04 | 5.23E-05 | 1.60E-04 | 1.43E-05 | 1.45E-05 | 1.46E-05 | 1.48E-05 |
| 167330.839607342390 | 167330.84 | 3909370.21 | FENCEGRD | 6.41E-04 | 6.49E-04 | 6.55E-04 | 6.60E-04 | 4.56E-05 | 1.71E-04 | 1.53E-05 | 1.54E-05 | 1.55E-05 | 1.55E-05 |
| 167316.585685874390 | 167316.59 | 3909352.01 | FENCEGRD | 6.80E-04 | 6.83E-04 | 6.83E-04 | 6.82E-04 | 3.83E-05 | 1.81E-04 | 1.57E-05 | 1.56E-05 | 1.56E-05 | 1.55E-05 |
| 167302.331764405390 | 167302.33 | 3909333.81 | FENCEGRD | 7.06E-04 | 7.02E-04 | 6.94E-04 | 6.86E-04 | 3.15E-05 | 1.90E-04 | 1.54E-05 | 1.53E-05 | 1.52E-05 | 1.50E-05 |
| 167288.077842937390 | 167288.08 | 3909315.61 | FENCEGRD | 7.06E-04 | 6.96E-04 | 6.82E-04 | 6.69E-04 | 2.55E-05 | 1.96E-04 | 1.46E-05 | 1.44E-05 | 1.42E-05 | 1.40E-05 |
| 167273.823921468390 | 167273.82 | 3909297.40 | FENCEGRD | 6.83E-04 | 6.68E-04 | 6.50E-04 | 6.33E-04 | 2.05E-05 | 1.97E-04 | 1.33E-05 | 1.31E-05 | 1.29E-05 | 1.27E-05 |
| 167825.070207513909 | 167825.07 | 3909418.88 | FENCEGRD | 2.66E-05 | 2.63E-05 | 2.58E-05 | 2.55E-05 | 2.64E-06 | 9.51E-06 | 6.63E-07 | 6.66E-07 | 6.69E-07 | 6.72E-07 |
| 167836.518707513909 | 167836.52 | 3909397.12 | FENCEGRD | 2.86E-05 | 2.84E-05 | 2.82E-05 | 2.80E-05 | 2.82E-06 | 9.68E-06 | 6.94E-07 | 6.99E-07 | 7.04E-07 | 7.09E-07 |
| 167847.967207513909 | 167847.97 | 3909375.35 | FENCEGRD | 2.90E-05 | 2.90E-05 | 2.91E-05 | 2.91E-05 | 3.16E-06 | 1.02E-05 | 7.51E-07 | 7.58E-07 | 7.65E-07 | 7.72E-07 |
| 167859.415707509390 | 167859.42 | 3909353.59 | FENCEGRD | 2.80E-05 | 2.81E-05 | 2.83E-05 | 2.84E-05 | 4.26E-06 | 1.23E-05 | 9.35E-07 | 9.47E-07 | 9.58E-07 | 9.70E-07 |
| 167870.864207509390 | 167870.86 | 3909331.83 | FENCEGRD | 2.74E-05 | 2.75E-05 | 2.75E-05 | 2.76E-05 | 7.21E-06 | 1.80E-05 | 1.45E-06 | 1.48E-06 | 1.50E-06 | 1.53E-06 |
| 167882.312707509390 | 167882.31 | 3909310.07 | FENCEGRD | 2.97E-05 | 2.99E-05 | 3.01E-05 | 3.04E-05 | 1.12E-05 | 2.55E-05 | 2.15E-06 | 2.19E-06 | 2.23E-06 | 2.27E-06 |
| 167893.761207509390 | 167893.76 | 3909288.31 | FENCEGRD | 3.59E-05 | 3.63E-05 | 3.70E-05 | 3.77E-05 | 1.40E-05 | 2.98E-05 | 2.55E-06 | 2.60E-06 | 2.65E-06 | 2.70E-06 |
| 167905.209707509390 | 167905.21 | 3909266.55 | FENCEGRD | 3.73E-05 | 3.78E-05 | 3.85E-05 | 3.92E-05 | 1.53E-05 | 3.04E-05 | 2.61E-06 | 2.66E-06 | 2.71E-06 | 2.76E-06 |
| 167916.658207509390 | 167916.66 | 3909244.78 | FENCEGRD | 3.78E-05 | 3.83E-05 | 3.90E-05 | 3.96E-05 | 1.68E-05 | 3.14E-05 | 2.72E-06 | 2.77E-06 | 2.83E-06 | 2.88E-06 |
| 167928.106707509390 | 167928.11 | 3909223.02 | FENCEGRD | 4.43E-05 | 4.52E-05 | 4.65E-05 | 4.78E-05 | 1.98E-05 | 3.59E-05 | 3.18E-06 | 3.25E-06 | 3.31E-06 | 3.38E-06 |
| 167939.555207509390 | 167939.56 | 3909201.26 | FENCEGRD | 5.84E-05 | 6.03E-05 | 6.28E-05 | 6.53E-05 | 2.33E-05 | 4.22E-05 | 3.82E-06 | 3.91E-06 | 3.99E-06 | 4.08E-06 |
| 167951.003707513909 | 167951.00 | 3909179.50 | FENCEGRD | 7.67E-05 | 7.99E-05 | 8.42E-05 | 8.86E-05 | 2.65E-05 | 4.85E-05 | 4.53E-06 | 4.64E-06 | 4.75E-06 | 4.87E-06 |
| 167962.452207513909 | 167962.45 | 3909157.74 | FENCEGRD | 9.97E-05 | 1.05E-04 | 1.12E-04 | 1.19E-04 | 2.92E-05 | 5.45E-05 | 5.27E-06 | 5.40E-06 | 5.53E-06 | 5.67E-06 |
| 167973.900707513909 | 167973.90 | 3909135.98 | FENCEGRD | 1.30E-04 | 1.38E-04 | 1.48E-04 | 1.58E-04 | 3.15E-05 | 6.01E-05 | 5.98E-06 | 6.13E-06 | 6.28E-06 | 6.44E-06 |
| 167985.349207513909 | 167985.35 | 3909114.22 | FENCEGRD | 1.62E-04 | 1.72E-04 | 1.85E-04 | 1.98E-04 | 3.34E-05 | 6.54E-05 | 6.63E-06 | 6.80E-06 | 6.97E-06 | 7.14E-06 |
| 167996.797707513909 | 167996.80 | 3909092.45 | FENCEGRD | 2.04E-04 | 2.18E-04 | 2.35E-04 | 2.51E-04 | 3.50E-05 | 7.08E-05 | 7.27E-06 | 7.44E-06 | 7.62E-06 | 7.80E-06 |
| 168008.246207513909 | 168008.25 | 3909070.69 | FENCEGRD | 2.53E-04 | 2.69E-04 | 2.88E-04 | 3.06E-04 | 3.63E-05 | 7.60E-05 | 7.87E-06 | 8.05E-06 | 8.24E-06 | 8.43E-06 |
| 168019.694707513909 | 168019.69 | 3909048.93 | FENCEGRD | 2.96E-04 | 3.13E-04 | 3.33E-04 | 3.53E-04 | 3.72E-05 | 8.13E-05 | 8.47E-06 | 8.66E-06 | 8.87E-06 | 9.08E-06 |
| 168031.143207513909 | 168031.14 | 3909027.17 | FENCEGRD | 3.33E-04 | 3.52E-04 | 3.74E-04 | 3.96E-04 | 3.78E-05 | 8.67E-05 | 9.08E-06 | 9.29E-06 | 9.51E-06 | 9.74E-06 |
| 168042.591707513909 | 168042.59 | 3909005.41 | FENCEGRD | 3.70E-04 | 3.91E-04 | 4.17E-04 | 4.41E-04 | 3.82E-05 | 9.25E-05 | 9.69E-06 | 9.92E-06 | 1.02E-05 | 1.04E-05 |
| 168054.040207513908 | 168054.04 | 3908983.65 | FENCEGRD | 4.10E-04 | 4.33E-04 | 4.62E-04 | 4.88E-04 | 3.86E-05 | 9.86E-05 | 1.03E-05 | 1.05E-05 | 1.08E-05 | 1.10E-05 |
| 167892.145675789390 | 167892.15 | 3909475.06 | FENCEGRD | 2.68E-05 | 2.68E-05 | 2.67E-05 | 2.66E-05 | 2.04E-06 | 7.49E-06 | 5.55E-07 | 5.57E-07 | 5.60E-07 | 5.62E-07 |
| 167870.721074939094 | 167870.72 | 3909484.68 | FENCEGRD | 2.52E-05 | 2.50E-05 | 2.47E-05 | 2.45E-05 | 2.04E-06 | 7.64E-06 | 5.53E-07 | 5.54E-07 | 5.55E-07 | 5.56E-07 |
| 167849.296474013909 | 167849.30 | 3909494.31 | FENCEGRD | 2.31E-05 | 2.29E-05 | 2.26E-05 | 2.25E-05 | 2.05E-06 | 7.88E-06 | 5.41E-07 | 5.42E-07 | 5.41E-07 | 5.41E-07 |
| 167827.871873123909 | 167827.87 | 3909503.93 | FENCEGRD | 2.14E-05 | 2.13E-05 | 2.12E-05 | 2.11E-05 | 2.12E-06 | 8.36E-06 | 5.30E-07 | 5.30E-07 | 5.29E-07 | 5.29E-07 |
| 167806.447272233909 | 167806.45 | 3909513.55 | FENCEGRD | 2.05E-05 | 2.05E-05 | 2.05E-05 | 2.06E-05 | 2.39E-06 | 9.65E-06 | 5.52E-07 | 5.54E-07 | 5.55E-07 | 5.57E-07 |
| 167785.022671343909 | 167785.02 | 3909523.18 | FENCEGRD | 2.03E-05 | 2.05E-05 | 2.07E-05 | 2.10E-05 | 3.33E-06 | 1.29E-05 | 7.02E-07 | 7.10E-07 | 7.15E-07 | 7.23E-07 |
| 167763.598070453909 | 167763.60 | 3909532.80 | FENCEGRD | 2.22E-05 | 2.27E-05 | 2.35E-05 | 2.42E-05 | 5.09E-06 | 1.86E-05 | 1.01E-06 | 1.03E-06 | 1.05E-06 | 1.06E-06 |
| 167742.173469563909 | 167742.17 | 3909542.42 | FENCEGRD | 3.15E-05 | 3.30E-05 | 3.49E-05 | 3.68E-05 | 6.94E-06 | 2.49E-05 | 1.40E-06 | 1.43E-06 | 1.46E-06 | 1.49E-06 |
| 167720.748868671390 | 167720.75 | 3909552.05 | FENCEGRD | 4.86E-05 | 5.12E-05 | 5.49E-05 | 5.82E-05 | 7.93E-06 | 3.01E-05 | 1.75E-06 | 1.79E-06 | 1.84E-06 | 1.88E-06 |
| 167699.324267781390 | 167699.32 | 3909561.67 | FENCEGRD | 6.67E-05 | 7.06E-05 | 7.57E-05 | 8.03E-05 | 8.06E-06 | 3.37E-05 | 2.05E-06 | 2.10E-06 | 2.16E-06 | 2.22E-06 |
| 167677.899666891390 | 167677.90 | 3909571.29 | FENCEGRD | 8.29E-05 | 8.76E-05 | 9.35E-05 | 9.86E-05 | 7.90E-06 | 3.63E-05 | 2.35E-06 | 2.41E-06 | 2.48E-06 | 2.54E-06 |
| 167656.475066001390 | 167656.48 | 3909580.92 | FENCEGRD | 9.89E-05 | 1.04E-04 | 1.09E-04 | 1.13E-04 | 7.96E-06 | 3.86E-05 | 2.66E-06 | 2.73E-06 | 2.80E-06 | 2.86E-06 |
| 167635.050465111390 | 167635.05 | 3909590.54 | FENCEGRD | 1.18E-04 | 1.21E-04 | 1.25E-04 | 1.28E-04 | 8.41E-06 | 4.07E-05 | 2.95E-06 | 3.00E-06 | 3.05E-06 | 3.10E-06 |
| 167613.625864221390 | 167613.63 | 3909600.17 | FENCEGRD | 1.29E-04 | 1.31E-04 | 1.33E-04 | 1.35E-04 | 9.18E-06 | 4.23E-05 | 3.11E-06 | 3.14E-06 | 3.17E-06 | 3.20E-06 |
| 167592.201263331390 | 167592.20 | 3909609.79 | FENCEGRD | 1.35E-04 | 1.37E-04 | 1.40E-04 | 1.42E-04 | 1.01E-05 | 4.36E-05 | 3.15E-06 | 3.17E-06 | 3.19E-06 | 3.21E-06 |
| 167570.776662442390 | 167570.78 | 3909619.41 | FENCEGRD | 1.42E-04 | 1.45E-04 | 1.49E-04 | 1.53E-04 | 1.12E-05 | 4.55E-05 | 3.19E-06 | 3.22E-06 | 3.24E-06 | 3.27E-06 |
| 167549.352061552390 | 167549.35 | 3909629.04 | FENCEGRD | 1.53E-04 | 1.57E-04 | 1.64E-04 | 1.69E-04 | 1.22E-05 | 4.84E-05 | 3.34E-06 | 3.38E-06 | 3.43E-06 | 3.48E-06 |
| 167527.927460662390 | 167527.93 | 3909638.66 | FENCEGRD | 1.68E-04 | 1.74E-04 | 1.82E-04 | 1.89E-04 | 1.35E-05 | 5.24E-05 | 3.63E-06 | 3.70E-06 | 3.77E-06 | 3.84E-06 |
| 167518.002116919390 | 167518.00 | 3909600.16 | FENCEGRD | 1.89E-04 | 1.97E-04 | 2.06E-04 | 2.15E-04 | 1.49E-05 | 5.76E-05 | 4.03E-06 | 4.12E-06 | 4.21E-06 | 4.30E-06 |
| 167385.289837416390 | 167385.29 | 3909619.12 | FENCEGRD | 2.64E-04 | 2.68E-04 | 2.72E-04 | 2.76E-04 | 2.27E-05 | 8.14E-05 | 5.98E-06 | 6.04E-06 | 6.11E-06 | 6.17E-06 |
| 167391.252787042390 | 167391.25 | 3909575.07 | FENCEGRD | 3.09E-04 | 3.15E-04 | 3.19E-04 | 3.23E-04 | 2.72E-05 | 9.21E-05 | 6.94E-06 | 7.01E-06 | 7.09E-06 | 7.16E-06 |
| 167376.772612852390 | 167376.77 | 3909556.58 | FENCEGRD | 3.37E-04 | 3.42E-04 | 3. | | | | | | | |

Project Ground Level Concentrations-2<16

| | | | | 2<16 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.158276679390 | 168005.16 | 3909291.34 | FENCEGRD | 3.03E-05 | 3.05E-05 | 3.08E-05 | 3.10E-05 | 6.30E-06 | 1.55E-05 | 1.22E-06 | 1.24E-06 | 1.26E-06 | 1.27E-06 |
| 168016.606776679390 | 168016.61 | 3909269.58 | FENCEGRD | 3.28E-05 | 3.32E-05 | 3.36E-05 | 3.41E-05 | 9.07E-06 | 2.12E-05 | 1.69E-06 | 1.71E-06 | 1.74E-06 | 1.77E-06 |
| 168028.055276679390 | 168028.06 | 3909247.82 | FENCEGRD | 4.03E-05 | 4.11E-05 | 4.22E-05 | 4.32E-05 | 1.18E-05 | 2.71E-05 | 2.17E-06 | 2.20E-06 | 2.24E-06 | 2.28E-06 |
| 168039.503776679390 | 168039.50 | 3909226.06 | FENCEGRD | 5.05E-05 | 5.18E-05 | 5.36E-05 | 5.53E-05 | 1.40E-05 | 3.19E-05 | 2.58E-06 | 2.62E-06 | 2.66E-06 | 2.71E-06 |
| 168050.952276679390 | 168050.95 | 3909204.30 | FENCEGRD | 6.18E-05 | 6.38E-05 | 6.64E-05 | 6.89E-05 | 1.60E-05 | 3.63E-05 | 2.98E-06 | 3.04E-06 | 3.09E-06 | 3.15E-06 |
| 168062.400776679390 | 168062.40 | 3909182.54 | FENCEGRD | 7.62E-05 | 7.92E-05 | 8.31E-05 | 8.70E-05 | 1.78E-05 | 4.05E-05 | 3.43E-06 | 3.50E-06 | 3.56E-06 | 3.63E-06 |
| 168073.849276679390 | 168073.85 | 3909160.77 | FENCEGRD | 9.43E-05 | 9.86E-05 | 1.04E-04 | 1.09E-04 | 1.94E-05 | 4.43E-05 | 3.89E-06 | 3.96E-06 | 4.04E-06 | 4.12E-06 |
| 168085.297776679390 | 168085.30 | 3909139.01 | FENCEGRD | 1.16E-04 | 1.22E-04 | 1.28E-04 | 1.35E-04 | 2.09E-05 | 4.79E-05 | 4.34E-06 | 4.42E-06 | 4.51E-06 | 4.60E-06 |
| 168096.746276679390 | 168096.75 | 3909117.25 | FENCEGRD | 1.39E-04 | 1.46E-04 | 1.55E-04 | 1.63E-04 | 2.23E-05 | 5.12E-05 | 4.75E-06 | 4.85E-06 | 4.94E-06 | 5.03E-06 |
| 168108.194776679390 | 168108.19 | 3909095.49 | FENCEGRD | 1.65E-04 | 1.74E-04 | 1.84E-04 | 1.93E-04 | 2.37E-05 | 5.45E-05 | 5.15E-06 | 5.24E-06 | 5.34E-06 | 5.44E-06 |
| 168119.643276679390 | 168119.64 | 3909073.73 | FENCEGRD | 1.91E-04 | 2.01E-04 | 2.12E-04 | 2.22E-04 | 2.51E-05 | 5.78E-05 | 5.51E-06 | 5.61E-06 | 5.71E-06 | 5.81E-06 |
| 168131.091776679390 | 168131.09 | 3909051.97 | FENCEGRD | 2.16E-04 | 2.26E-04 | 2.37E-04 | 2.48E-04 | 2.64E-05 | 6.13E-05 | 5.88E-06 | 5.98E-06 | 6.08E-06 | 6.19E-06 |
| 168142.540276679390 | 168142.54 | 3909030.21 | FENCEGRD | 2.37E-04 | 2.48E-04 | 2.60E-04 | 2.71E-04 | 2.76E-05 | 6.51E-05 | 6.26E-06 | 6.37E-06 | 6.48E-06 | 6.60E-06 |
| 167980.439739182390 | 167980.44 | 3909521.71 | FENCEGRD | 2.53E-05 | 2.55E-05 | 2.58E-05 | 2.59E-05 | 1.86E-06 | 6.85E-06 | 5.09E-07 | 5.12E-07 | 5.14E-07 | 5.17E-07 |
| 167958.809132514390 | 167958.81 | 3909531.43 | FENCEGRD | 2.55E-05 | 2.56E-05 | 2.57E-05 | 2.58E-05 | 1.82E-06 | 6.78E-06 | 5.09E-07 | 5.11E-07 | 5.13E-07 | 5.16E-07 |
| 167937.178525846390 | 167937.18 | 3909541.14 | FENCEGRD | 2.48E-05 | 2.48E-05 | 2.47E-05 | 2.47E-05 | 1.81E-06 | 6.77E-06 | 5.08E-07 | 5.10E-07 | 5.11E-07 | 5.13E-07 |
| 167915.547919179390 | 167915.55 | 3909550.86 | FENCEGRD | 2.33E-05 | 2.32E-05 | 2.30E-05 | 2.29E-05 | 1.80E-06 | 6.81E-06 | 5.02E-07 | 5.03E-07 | 5.03E-07 | 5.03E-07 |
| 167893.917312511390 | 167893.92 | 3909560.58 | FENCEGRD | 2.16E-05 | 2.14E-05 | 2.13E-05 | 2.12E-05 | 1.80E-06 | 6.95E-06 | 4.90E-07 | 4.90E-07 | 4.90E-07 | 4.90E-07 |
| 167872.286705843390 | 167872.29 | 3909570.29 | FENCEGRD | 2.01E-05 | 2.00E-05 | 1.99E-05 | 1.99E-05 | 1.87E-06 | 7.36E-06 | 4.83E-07 | 4.83E-07 | 4.82E-07 | 4.82E-07 |
| 167850.656099176390 | 167850.66 | 3909580.01 | FENCEGRD | 1.92E-05 | 1.92E-05 | 1.92E-05 | 1.92E-05 | 2.16E-06 | 8.60E-06 | 5.15E-07 | 5.17E-07 | 5.17E-07 | 5.19E-07 |
| 167829.025492508390 | 167829.03 | 3909589.72 | FENCEGRD | 1.89E-05 | 1.90E-05 | 1.91E-05 | 1.92E-05 | 2.91E-06 | 1.12E-05 | 6.38E-07 | 6.44E-07 | 6.47E-07 | 6.52E-07 |
| 167807.394885843909 | 167807.39 | 3909599.44 | FENCEGRD | 2.03E-05 | 2.06E-05 | 2.11E-05 | 2.16E-05 | 4.10E-06 | 1.53E-05 | 8.50E-07 | 8.61E-07 | 8.70E-07 | 8.81E-07 |
| 167785.764279173390 | 167785.76 | 3909609.16 | FENCEGRD | 2.70E-05 | 2.79E-05 | 2.92E-05 | 3.05E-05 | 5.42E-06 | 2.01E-05 | 1.12E-06 | 1.14E-06 | 1.15E-06 | 1.17E-06 |
| 167764.133672505390 | 167764.13 | 3909618.87 | FENCEGRD | 4.04E-05 | 4.23E-05 | 4.47E-05 | 4.70E-05 | 6.26E-06 | 2.46E-05 | 1.38E-06 | 1.41E-06 | 1.43E-06 | 1.46E-06 |
| 167742.503065837390 | 167742.50 | 3909628.59 | FENCEGRD | 5.64E-05 | 5.91E-05 | 6.24E-05 | 6.55E-05 | 6.39E-06 | 2.80E-05 | 1.59E-06 | 1.62E-06 | 1.66E-06 | 1.69E-06 |
| 167720.872459173909 | 167720.87 | 3909638.30 | FENCEGRD | 7.10E-05 | 7.43E-05 | 7.84E-05 | 8.22E-05 | 6.18E-06 | 3.03E-05 | 1.78E-06 | 1.81E-06 | 1.85E-06 | 1.89E-06 |
| 167699.241852502390 | 167699.24 | 3909648.02 | FENCEGRD | 8.40E-05 | 8.78E-05 | 9.24E-05 | 9.64E-05 | 6.06E-06 | 3.22E-05 | 1.97E-06 | 2.01E-06 | 2.05E-06 | 2.10E-06 |
| 167677.611245834390 | 167677.61 | 3909657.74 | FENCEGRD | 9.65E-05 | 1.00E-04 | 1.05E-04 | 1.08E-04 | 6.20E-06 | 3.39E-05 | 2.18E-06 | 2.22E-06 | 2.27E-06 | 2.31E-06 |
| 167655.980639167390 | 167655.98 | 3909667.45 | FENCEGRD | 1.07E-04 | 1.11E-04 | 1.15E-04 | 1.17E-04 | 6.64E-06 | 3.55E-05 | 2.39E-06 | 2.43E-06 | 2.47E-06 | 2.51E-06 |
| 167634.350032499390 | 167634.35 | 3909677.17 | FENCEGRD | 1.16E-04 | 1.19E-04 | 1.22E-04 | 1.24E-04 | 7.38E-06 | 3.72E-05 | 2.59E-06 | 2.62E-06 | 2.66E-06 | 2.69E-06 |
| 167612.719425831390 | 167612.72 | 3909686.88 | FENCEGRD | 1.22E-04 | 1.24E-04 | 1.26E-04 | 1.29E-04 | 8.37E-06 | 3.89E-05 | 2.75E-06 | 2.77E-06 | 2.80E-06 | 2.82E-06 |
| 167591.088819164390 | 167591.09 | 3909696.60 | FENCEGRD | 1.27E-04 | 1.30E-04 | 1.33E-04 | 1.36E-04 | 9.55E-06 | 4.08E-05 | 2.88E-06 | 2.90E-06 | 2.93E-06 | 2.95E-06 |
| 167569.458212496390 | 167569.46 | 3909706.32 | FENCEGRD | 1.36E-04 | 1.39E-04 | 1.43E-04 | 1.47E-04 | 1.09E-05 | 4.35E-05 | 3.06E-06 | 3.09E-06 | 3.11E-06 | 3.15E-06 |
| 167547.827605829390 | 167547.83 | 3909716.03 | FENCEGRD | 1.42E-04 | 1.46E-04 | 1.52E-04 | 1.57E-04 | 1.19E-05 | 4.58E-05 | 3.20E-06 | 3.25E-06 | 3.29E-06 | 3.33E-06 |
| 167482.935785826390 | 167482.94 | 3909745.18 | FENCEGRD | 1.55E-04 | 1.57E-04 | 1.59E-04 | 1.61E-04 | 1.14E-05 | 5.14E-05 | 3.43E-06 | 3.46E-06 | 3.50E-06 | 3.53E-06 |
| 167461.305179158390 | 167461.31 | 3909754.90 | FENCEGRD | 1.52E-04 | 1.55E-04 | 1.57E-04 | 1.59E-04 | 1.14E-05 | 5.10E-05 | 3.42E-06 | 3.45E-06 | 3.49E-06 | 3.53E-06 |
| 167425.055165856390 | 167425.06 | 3909745.94 | FENCEGRD | 1.63E-04 | 1.66E-04 | 1.68E-04 | 1.70E-04 | 1.29E-05 | 5.47E-05 | 3.75E-06 | 3.78E-06 | 3.83E-06 | 3.86E-06 |
| 167410.435759222390 | 167410.44 | 3909727.27 | FENCEGRD | 1.75E-04 | 1.78E-04 | 1.80E-04 | 1.82E-04 | 1.41E-05 | 5.81E-05 | 4.03E-06 | 4.07E-06 | 4.11E-06 | 4.15E-06 |
| 167395.816352588390 | 167395.82 | 3909708.60 | FENCEGRD | 1.87E-04 | 1.90E-04 | 1.93E-04 | 1.95E-04 | 1.55E-05 | 6.15E-05 | 4.33E-06 | 4.37E-06 | 4.41E-06 | 4.45E-06 |
| 167381.196945953390 | 167381.20 | 3909689.93 | FENCEGRD | 2.00E-04 | 2.03E-04 | 2.07E-04 | 2.09E-04 | 1.70E-05 | 6.50E-05 | 4.64E-06 | 4.68E-06 | 4.73E-06 | 4.78E-06 |
| 167366.577539319390 | 167366.58 | 3909671.26 | FENCEGRD | 2.18E-04 | 2.22E-04 | 2.25E-04 | 2.28E-04 | 1.90E-05 | 7.00E-05 | 5.07E-06 | 5.12E-06 | 5.17E-06 | 5.22E-06 |
| 167351.958132685390 | 167351.96 | 3909652.59 | FENCEGRD | 2.41E-04 | 2.45E-04 | 2.48E-04 | 2.51E-04 | 2.15E-05 | 7.66E-05 | 5.63E-06 | 5.68E-06 | 5.74E-06 | 5.80E-06 |
| 167337.338726051390 | 167337.34 | 3909633.92 | FENCEGRD | 2.67E-04 | 2.71E-04 | 2.74E-04 | 2.76E-04 | 2.44E-05 | 8.40E-05 | 6.27E-06 | 6.32E-06 | 6.39E-06 | 6.44E-06 |
| 167322.719319416390 | 167322.72 | 3909615.25 | FENCEGRD | 2.90E-04 | 2.94E-04 | 2.96E-04 | 2.99E-04 | 2.72E-05 | 9.08E-05 | 6.85E-06 | 6.90E-06 | 6.96E-06 | 7.01E-06 |
| 167308.099912782390 | 167308.10 | 3909596.58 | FENCEGRD | 3.11E-04 | 3.14E-04 | 3.16E-04 | 3.18E-04 | 3.00E-05 | 9.68E-05 | 7.37E-06 | 7.42E-06 | 7.47E-06 | 7.52E-06 |
| 167293.480506148390 | 167293.48 | 3909577.92 | FENCEGRD | 3.29E-04 | 3.32E-04 | 3.34E-04 | 3.36E-04 | 3.32E-05 | 1.02E-04 | 7.83E-06 | 7.88E-06 | 7.94E-06 | 8.00E-06 |
| 167278.861099514390 | 167278.86 | 3909559.25 | FENCEGRD | 3.48E-04 | 3.52E-04 | 3.55E-04 | 3.58E-04 | 3.70E-05 | 1.07E-04 | 8.38E-06 | 8.44E-06 | 8.51E-06 | 8.58E-06 |
| 167264.241692879390 | 167264.24 | 3909540.58 | FENCEGRD | 3.75E-04 | 3.79E-04 | 3.83E-04 | 3.87E-04 | 4.11E-05 | 1.14E-04 | 9.14E-06 | 9.22E-06 | 9.31E-06 | 9.40E-06 |
| 167249.622286245390 | 167249.62 | 3909521.91 | FENCEGRD | 4.05E-04 | 4.10E-04 | 4.15E-04 | 4.19E-04 | 4.41E-05 | 1.22E-04 | 1.00E-05 | 1.01E-05 | 1.02E-05 | 1.03E-05 |
| 167235.002879611390 | 167235.00 | 3909503.24 | FENCEGRD | 4.35E-04 | 4.41E-04 | 4.46E-04 | 4.50E-04 | 4.53E-05 | 1.30E-04 | 1.09E-05 | 1.10E-05 | 1.11E-05 | 1.12E-05 |
| 167220.383472977390 | 167220.38 | 3909484.57 | FENCEGRD | 4.68E-04 | 4.73E-04 | 4.77E-04 | 4.80E-04 | 4.48E-05 | 1.38E-04 | 1.17E-05 | 1.18E-05 | 1.19E-05 | 1.19E-05 |
| 167205.764066342390 | 167205.76 | 3909465.90 | FENCEGRD | 4.94E-04 | 4.98E-04 | 4.99E-04 | 5.00E-04 | 4.27E-05 | 1.46E-04 | 1.22E-05 | 1.23E-05 | 1.23E-05 | 1.24E-05 |
| 167191.144659708390 | 167191.14 | 3909447.23 | FENCEGRD | 5.15E-04 | 5.16E-04 | 5.14E-04 | 5.13E-04 | 3.98E-05 | 1.53E-04 | 1.25E-05 | 1.25E-05 | 1.25E-05 | 1.25E-05 |
| 167176.525253074390 | 167176.53 | 3909428.56 | FENCEGRD | 5.27E-04 | 5.25E-04 | 5.20E-04 | 5.16E-04 | 3.64E-05 | 1.58E-04 | 1.25E-05 | 1.25E-05 | 1.24E-05 | 1.23E-05 |
| 167161.905846443909 | 167161.91 | 3909409.89 | FENCEGRD | 5.30E-04 | 5.24E-04 | 5.17E-04 | 5.11E-04 | 3.28E-05 | 1.62E-04 | 1.22E-05 | 1.21E-05 | 1.21E-05 | 1.20E-05 |
| 167147.286439805390 | 167147.29 | 3909391.22 | FENCEGRD | 5.23E-04 | 5.16E-04 | 5.06E-04 | 4.98E-04 | 2.93E-05 | 1.65E-04 | 1.17E-05 | 1.16E-05 | 1.15E-05 | 1.14E-05 |
| 167132.667033171390 | 167132.67 | 3909372.55 | FENCEGRD | 5.07E-04 | 4.98E-04 | 4.86E-04 | 4.77E-04 | 2.58E-05 | 1.65E-04 | 1.11E-05 | 1.09E-05 | 1.08E-05 | 1.07E-05 |
| 167118.047626537390 | 167118.05 | 3909353.88 | FENCEGRD | 4.84E-04 | 4.74E-04 | 4.62E-04 | 4.51E-04 | 2.25E-05 | 1.63E-04 | 1.03E-05 | 1.02E-05 | 1.01E-05 | 9.94E-06 |
| 167103.428219903390 | 167103.43 | 3909335.21 | FENCEGRD | 4.57E-04 | 4.46E-04 | 4.34E-04 | 4.23E-04 | 1.95E-05 | 1.60E-04 | 9.54E-06 | 9.41E-06 | 9.28E-06 | 9.16E-06 |
| 167088.808813268390 | 167088.81 | 3909316.54 | FENCEGRD | 4.27E-04 | 4.16E-04 | 4.03E-04 | 3.93E-04 | 1.67E-05 | 1.55E-04 | 8.76E-06 | 8.64E-06 | 8.51E-06 | 8.39E-06 |
| 167074.189406634390 | 167074.19 | 3909297.87 | FENCEGRD | 3.95E-04 | 3.84E-04 | 3.72E-04 | 3.62E-04 | 1.43E-05 | 1.49E-04 | 8.01E-06 | 7.89E-06 | 7.77E-06 | 7.66E-06 |
| 168002.070345849390 | 168002.07 | 3909511.99 | FENCEGRD | 2.45E-05 | 2.48E-05 | 2. | | | | | | | |

Project Ground Level Concentrations-2<16

| | | | | 2<16 GLC (µg/m ³) | | | | | | | | | |
|----------------------|-----------|------------|----------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168025.259938113390 | 168025.26 | 3909587.89 | FENCEGRD | 2.63E-05 | 2.66E-05 | 2.70E-05 | 2.73E-05 | 3.63E-06 | 1.23E-05 | 9.67E-07 | 9.79E-07 | 9.89E-07 | 9.99E-07 |
| 168003.489779144390 | 168003.49 | 3909597.67 | FENCEGRD | 2.59E-05 | 2.62E-05 | 2.64E-05 | 2.67E-05 | 3.61E-06 | 1.22E-05 | 9.72E-07 | 9.83E-07 | 9.92E-07 | 1.00E-06 |
| 167981.719620175390 | 167981.72 | 3909607.45 | FENCEGRD | 2.50E-05 | 2.51E-05 | 2.52E-05 | 2.54E-05 | 3.59E-06 | 1.22E-05 | 9.74E-07 | 9.83E-07 | 9.91E-07 | 1.00E-06 |
| 167959.949461207390 | 167959.95 | 3909617.23 | FENCEGRD | 2.30E-05 | 2.30E-05 | 2.30E-05 | 2.30E-05 | 3.38E-06 | 1.16E-05 | 9.10E-07 | 9.18E-07 | 9.23E-07 | 9.30E-07 |
| 167938.179302238390 | 167938.18 | 3909627.00 | FENCEGRD | 2.09E-05 | 2.09E-05 | 2.08E-05 | 2.09E-05 | 3.15E-06 | 1.10E-05 | 8.25E-07 | 8.31E-07 | 8.35E-07 | 8.39E-07 |
| 167916.409143269390 | 167916.41 | 3909636.78 | FENCEGRD | 1.98E-05 | 1.99E-05 | 1.99E-05 | 2.00E-05 | 3.28E-06 | 1.14E-05 | 8.13E-07 | 8.18E-07 | 8.21E-07 | 8.25E-07 |
| 167894.638984339090 | 167894.64 | 3909646.56 | FENCEGRD | 1.98E-05 | 1.99E-05 | 2.01E-05 | 2.03E-05 | 3.67E-06 | 1.26E-05 | 8.47E-07 | 8.53E-07 | 8.57E-07 | 8.62E-07 |
| 167872.868825332390 | 167872.87 | 3909656.34 | FENCEGRD | 2.16E-05 | 2.19E-05 | 2.24E-05 | 2.28E-05 | 4.29E-06 | 1.46E-05 | 9.33E-07 | 9.40E-07 | 9.45E-07 | 9.52E-07 |
| 167851.098666363390 | 167851.10 | 3909666.12 | FENCEGRD | 2.70E-05 | 2.77E-05 | 2.86E-05 | 2.95E-05 | 5.05E-06 | 1.75E-05 | 1.06E-06 | 1.07E-06 | 1.08E-06 | 1.09E-06 |
| 167829.328507394390 | 167829.33 | 3909675.90 | FENCEGRD | 3.65E-05 | 3.77E-05 | 3.92E-05 | 4.07E-05 | 5.56E-06 | 2.04E-05 | 1.19E-06 | 1.20E-06 | 1.21E-06 | 1.23E-06 |
| 167807.558348426390 | 167807.56 | 3909685.68 | FENCEGRD | 4.73E-05 | 4.89E-05 | 5.10E-05 | 5.30E-05 | 5.58E-06 | 2.28E-05 | 1.28E-06 | 1.29E-06 | 1.31E-06 | 1.32E-06 |
| 167785.788189457390 | 167785.79 | 3909695.46 | FENCEGRD | 5.69E-05 | 5.89E-05 | 6.15E-05 | 6.38E-05 | 5.34E-06 | 2.46E-05 | 1.35E-06 | 1.37E-06 | 1.39E-06 | 1.41E-06 |
| 167764.018030488390 | 167764.02 | 3909705.23 | FENCEGRD | 6.51E-05 | 6.74E-05 | 7.03E-05 | 7.28E-05 | 5.10E-06 | 2.62E-05 | 1.45E-06 | 1.47E-06 | 1.50E-06 | 1.52E-06 |
| 167742.247871519390 | 167742.25 | 3909715.01 | FENCEGRD | 7.36E-05 | 7.63E-05 | 7.96E-05 | 8.25E-05 | 5.01E-06 | 2.79E-05 | 1.58E-06 | 1.61E-06 | 1.64E-06 | 1.67E-06 |
| 167720.477712551390 | 167720.48 | 3909724.79 | FENCEGRD | 8.24E-05 | 8.55E-05 | 8.92E-05 | 9.24E-05 | 5.14E-06 | 2.97E-05 | 1.74E-06 | 1.77E-06 | 1.81E-06 | 1.84E-06 |
| 167698.707553582390 | 167698.71 | 3909734.57 | FENCEGRD | 9.17E-05 | 9.50E-05 | 9.88E-05 | 1.02E-04 | 5.49E-06 | 3.15E-05 | 1.93E-06 | 1.97E-06 | 2.00E-06 | 2.04E-06 |
| 167676.937394613390 | 167676.94 | 3909744.35 | FENCEGRD | 1.01E-04 | 1.04E-04 | 1.08E-04 | 1.11E-04 | 6.10E-06 | 3.34E-05 | 2.15E-06 | 2.19E-06 | 2.22E-06 | 2.26E-06 |
| 167655.167235645390 | 167655.17 | 3909754.13 | FENCEGRD | 1.09E-04 | 1.12E-04 | 1.15E-04 | 1.18E-04 | 6.90E-06 | 3.52E-05 | 2.37E-06 | 2.40E-06 | 2.44E-06 | 2.47E-06 |
| 167633.397076676390 | 167633.40 | 3909763.91 | FENCEGRD | 1.14E-04 | 1.17E-04 | 1.20E-04 | 1.23E-04 | 7.84E-06 | 3.68E-05 | 2.55E-06 | 2.59E-06 | 2.62E-06 | 2.65E-06 |
| 167611.626917707390 | 167611.63 | 3909773.69 | FENCEGRD | 1.20E-04 | 1.22E-04 | 1.25E-04 | 1.28E-04 | 8.99E-06 | 3.87E-05 | 2.73E-06 | 2.76E-06 | 2.79E-06 | 2.82E-06 |
| 167524.546281832390 | 167524.55 | 3909812.80 | FENCEGRD | 1.28E-04 | 1.30E-04 | 1.31E-04 | 1.32E-04 | 1.01E-05 | 4.31E-05 | 2.94E-06 | 2.95E-06 | 2.97E-06 | 2.98E-06 |
| 167502.776122863390 | 167502.78 | 3909822.58 | FENCEGRD | 1.28E-04 | 1.29E-04 | 1.30E-04 | 1.32E-04 | 9.90E-06 | 4.41E-05 | 2.92E-06 | 2.94E-06 | 2.96E-06 | 2.98E-06 |
| 167481.005963895390 | 167481.01 | 3909832.36 | FENCEGRD | 1.29E-04 | 1.30E-04 | 1.32E-04 | 1.33E-04 | 1.00E-05 | 4.49E-05 | 2.98E-06 | 3.00E-06 | 3.03E-06 | 3.05E-06 |
| 167459.235804926390 | 167459.24 | 3909842.14 | FENCEGRD | 1.30E-04 | 1.32E-04 | 1.34E-04 | 1.35E-04 | 1.02E-05 | 4.58E-05 | 3.06E-06 | 3.08E-06 | 3.11E-06 | 3.14E-06 |
| 167437.465645957390 | 167437.47 | 3909851.92 | FENCEGRD | 1.29E-04 | 1.31E-04 | 1.33E-04 | 1.35E-04 | 1.03E-05 | 4.59E-05 | 3.08E-06 | 3.10E-06 | 3.13E-06 | 3.16E-06 |
| 167400.981761602390 | 167400.98 | 3909842.90 | FENCEGRD | 1.32E-04 | 1.34E-04 | 1.36E-04 | 1.37E-04 | 1.09E-05 | 4.67E-05 | 3.18E-06 | 3.21E-06 | 3.24E-06 | 3.26E-06 |
| 167386.268036215390 | 167386.27 | 3909824.11 | FENCEGRD | 1.39E-04 | 1.41E-04 | 1.42E-04 | 1.44E-04 | 1.17E-05 | 4.87E-05 | 3.35E-06 | 3.38E-06 | 3.41E-06 | 3.44E-06 |
| 167371.554310828390 | 167371.55 | 3909805.32 | FENCEGRD | 1.49E-04 | 1.50E-04 | 1.52E-04 | 1.54E-04 | 1.27E-05 | 5.17E-05 | 3.59E-06 | 3.62E-06 | 3.66E-06 | 3.69E-06 |
| 167356.840585442390 | 167356.84 | 3909786.53 | FENCEGRD | 1.59E-04 | 1.61E-04 | 1.63E-04 | 1.65E-04 | 1.39E-05 | 5.49E-05 | 3.85E-06 | 3.88E-06 | 3.92E-06 | 3.95E-06 |
| 167342.126860055390 | 167342.13 | 3909767.74 | FENCEGRD | 1.70E-04 | 1.72E-04 | 1.74E-04 | 1.76E-04 | 1.51E-05 | 5.79E-05 | 4.11E-06 | 4.15E-06 | 4.19E-06 | 4.22E-06 |
| 167327.413134668390 | 167327.41 | 3909748.95 | FENCEGRD | 1.81E-04 | 1.83E-04 | 1.86E-04 | 1.88E-04 | 1.64E-05 | 6.11E-05 | 4.39E-06 | 4.43E-06 | 4.47E-06 | 4.52E-06 |
| 167312.699409281390 | 167312.70 | 3909730.16 | FENCEGRD | 1.92E-04 | 1.95E-04 | 1.98E-04 | 2.00E-04 | 1.78E-05 | 6.45E-05 | 4.69E-06 | 4.74E-06 | 4.79E-06 | 4.83E-06 |
| 167297.985683895390 | 167297.99 | 3909711.37 | FENCEGRD | 2.06E-04 | 2.09E-04 | 2.11E-04 | 2.14E-04 | 1.95E-05 | 6.86E-05 | 5.05E-06 | 5.09E-06 | 5.14E-06 | 5.19E-06 |
| 167283.271958508390 | 167283.27 | 3909692.58 | FENCEGRD | 2.21E-04 | 2.24E-04 | 2.26E-04 | 2.28E-04 | 2.12E-05 | 7.32E-05 | 5.44E-06 | 5.48E-06 | 5.53E-06 | 5.57E-06 |
| 167268.558233121390 | 167268.56 | 3909673.79 | FENCEGRD | 2.38E-04 | 2.40E-04 | 2.43E-04 | 2.44E-04 | 2.32E-05 | 7.86E-05 | 5.87E-06 | 5.91E-06 | 5.95E-06 | 5.99E-06 |
| 167253.844507735390 | 167253.84 | 3909655.00 | FENCEGRD | 2.54E-04 | 2.57E-04 | 2.59E-04 | 2.60E-04 | 2.54E-05 | 8.36E-05 | 6.29E-06 | 6.33E-06 | 6.37E-06 | 6.41E-06 |
| 167239.130782348390 | 167239.13 | 3909636.21 | FENCEGRD | 2.70E-04 | 2.72E-04 | 2.75E-04 | 2.77E-04 | 2.80E-05 | 8.84E-05 | 6.71E-06 | 6.76E-06 | 6.80E-06 | 6.85E-06 |
| 167224.417056961390 | 167224.42 | 3909617.42 | FENCEGRD | 2.87E-04 | 2.90E-04 | 2.92E-04 | 2.95E-04 | 3.09E-05 | 9.33E-05 | 7.19E-06 | 7.24E-06 | 7.30E-06 | 7.36E-06 |
| 167209.703331574390 | 167209.70 | 3909598.63 | FENCEGRD | 3.06E-04 | 3.10E-04 | 3.13E-04 | 3.16E-04 | 3.40E-05 | 9.86E-05 | 7.76E-06 | 7.83E-06 | 7.90E-06 | 7.97E-06 |
| 167194.989606188390 | 167194.99 | 3909579.84 | FENCEGRD | 3.28E-04 | 3.33E-04 | 3.37E-04 | 3.40E-04 | 3.67E-05 | 1.05E-04 | 8.42E-06 | 8.50E-06 | 8.58E-06 | 8.66E-06 |
| 167180.275880801390 | 167180.28 | 3909561.05 | FENCEGRD | 3.53E-04 | 3.58E-04 | 3.62E-04 | 3.66E-04 | 3.86E-05 | 1.11E-04 | 9.14E-06 | 9.22E-06 | 9.31E-06 | 9.39E-06 |
| 167165.562155414390 | 167165.56 | 3909542.26 | FENCEGRD | 3.79E-04 | 3.84E-04 | 3.88E-04 | 3.91E-04 | 3.94E-05 | 1.19E-04 | 9.85E-06 | 9.92E-06 | 9.99E-06 | 1.01E-05 |
| 167150.848430027390 | 167150.85 | 3909523.47 | FENCEGRD | 4.05E-04 | 4.08E-04 | 4.11E-04 | 4.13E-04 | 3.91E-05 | 1.26E-04 | 1.05E-05 | 1.05E-05 | 1.06E-05 | 1.06E-05 |
| 167136.134704641390 | 167136.13 | 3909504.68 | FENCEGRD | 4.26E-04 | 4.28E-04 | 4.29E-04 | 4.29E-04 | 3.78E-05 | 1.33E-04 | 1.09E-05 | 1.09E-05 | 1.09E-05 | 1.09E-05 |
| 167121.420979254390 | 167121.42 | 3909485.89 | FENCEGRD | 4.42E-04 | 4.41E-04 | 4.40E-04 | 4.38E-04 | 3.59E-05 | 1.39E-04 | 1.11E-05 | 1.11E-05 | 1.11E-05 | 1.10E-05 |
| 167106.707253867390 | 167106.71 | 3909467.10 | FENCEGRD | 4.52E-04 | 4.50E-04 | 4.46E-04 | 4.42E-04 | 3.36E-05 | 1.45E-04 | 1.11E-05 | 1.11E-05 | 1.10E-05 | 1.10E-05 |
| 167091.993528481390 | 167091.99 | 3909448.31 | FENCEGRD | 4.56E-04 | 4.52E-04 | 4.46E-04 | 4.40E-04 | 3.12E-05 | 1.49E-04 | 1.09E-05 | 1.09E-05 | 1.08E-05 | 1.07E-05 |
| 167077.279803094390 | 167077.28 | 3909429.52 | FENCEGRD | 4.50E-04 | 4.44E-04 | 4.36E-04 | 4.30E-04 | 2.85E-05 | 1.51E-04 | 1.06E-05 | 1.05E-05 | 1.04E-05 | 1.03E-05 |
| 167062.566077707390 | 167062.57 | 3909410.73 | FENCEGRD | 4.37E-04 | 4.30E-04 | 4.21E-04 | 4.14E-04 | 2.58E-05 | 1.50E-04 | 1.01E-05 | 9.97E-06 | 9.88E-06 | 9.78E-06 |
| 167047.852352323909 | 167047.85 | 3909391.94 | FENCEGRD | 4.19E-04 | 4.12E-04 | 4.02E-04 | 3.94E-04 | 2.32E-05 | 1.48E-04 | 9.49E-06 | 9.39E-06 | 9.28E-06 | 9.18E-06 |
| 167033.138626934390 | 167033.14 | 3909373.15 | FENCEGRD | 3.99E-04 | 3.91E-04 | 3.81E-04 | 3.73E-04 | 2.07E-05 | 1.45E-04 | 8.88E-06 | 8.77E-06 | 8.67E-06 | 8.57E-06 |
| 167018.424901547390 | 167018.42 | 3909354.36 | FENCEGRD | 3.77E-04 | 3.68E-04 | 3.59E-04 | 3.50E-04 | 1.84E-05 | 1.42E-04 | 8.27E-06 | 8.17E-06 | 8.07E-06 | 7.97E-06 |
| 167003.711176163909 | 167003.71 | 3909335.57 | FENCEGRD | 3.53E-04 | 3.45E-04 | 3.35E-04 | 3.27E-04 | 1.62E-05 | 1.37E-04 | 7.67E-06 | 7.57E-06 | 7.47E-06 | 7.38E-06 |
| 166988.997450773390 | 166989.00 | 3909316.78 | FENCEGRD | 3.28E-04 | 3.20E-04 | 3.11E-04 | 3.03E-04 | 1.41E-05 | 1.31E-04 | 7.07E-06 | 6.98E-06 | 6.89E-06 | 6.80E-06 |
| 166974.283725387390 | 166974.28 | 3909297.99 | FENCEGRD | 3.04E-04 | 2.96E-04 | 2.88E-04 | 2.81E-04 | 1.23E-05 | 1.25E-04 | 6.51E-06 | 6.42E-06 | 6.34E-06 | 6.26E-06 |
| 168090.570415019390 | 168090.57 | 3909558.55 | FENCEGRD | 2.59E-05 | 2.63E-05 | 2.69E-05 | 2.74E-05 | 3.82E-06 | 1.33E-05 | 9.92E-07 | 1.00E-06 | 1.01E-06 | 1.02E-06 |
| 168102.018915019390 | 168102.02 | 3909536.79 | FENCEGRD | 2.43E-05 | 2.47E-05 | 2.51E-05 | 2.55E-05 | 3.60E-06 | 1.27E-05 | 9.39E-07 | 9.50E-07 | 9.59E-07 | 9.69E-07 |
| 168113.467415019390 | 168113.47 | 3909515.03 | FENCEGRD | 2.34E-05 | 2.37E-05 | 2.41E-05 | 2.45E-05 | 3.48E-06 | 1.24E-05 | 9.19E-07 | 9.29E-07 | 9.37E-07 | 9.47E-07 |
| 168124.915915019390 | 168124.92 | 3909493.27 | FENCEGRD | 2.31E-05 | 2.34E-05 | 2.38E-05 | 2.41E-05 | 3.49E-06 | 1.26E-05 | 9.37E-07 | 9.47E-07 | 9.56E-07 | 9.65E-07 |
| 168136.364415019390 | 168136.36 | 3909471.51 | FENCEGRD | 2.36E-05 | 2.39E-05 | 2.42E-05 | 2.46E-05 | 3.59E-06 | 1.30E-05 | 9.68E-07 | 9.78E-07 | 9.88E-07 | 9.97E-07 |
| 168147.8112915019390 | 168147.81 | 3909449.75 | FENCEGRD | 2.56E-05 | 2.59E-05 | 2.63E-05 | 2.67E-05 | 3.87E-06 | 1.41E-05 | 1.04E-06 | 1.05E-06 | 1.06E-06 | 1.07E-06 |
| 168159.261415019390 | 168159.26 | 3909427.98 | FENCEGRD | 2.78E-05 | 2.82E-05 | 2.87E-05 | 2.92E-05 | 4. | | | | | |

Project Ground Level Concentrations-2<16

| | | | | 2<16 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167982.231963513390 | 167982.23 | 3909693.53 | FENCEGRD | 4.03E-05 | 4.09E-05 | 4.16E-05 | 4.23E-05 | 4.93E-06 | 1.69E-05 | 1.32E-06 | 1.32E-06 | 1.33E-06 | 1.33E-06 |
| 167960.361016772390 | 167960.36 | 3909703.35 | FENCEGRD | 3.92E-05 | 3.98E-05 | 4.05E-05 | 4.12E-05 | 5.03E-06 | 1.70E-05 | 1.28E-06 | 1.28E-06 | 1.28E-06 | 1.28E-06 |
| 167938.490070033909 | 167938.49 | 3909713.18 | FENCEGRD | 3.87E-05 | 3.93E-05 | 4.01E-05 | 4.09E-05 | 5.10E-06 | 1.72E-05 | 1.22E-06 | 1.23E-06 | 1.23E-06 | 1.23E-06 |
| 167916.619123288390 | 167916.62 | 3909723.00 | FENCEGRD | 4.01E-05 | 4.09E-05 | 4.18E-05 | 4.27E-05 | 5.15E-06 | 1.77E-05 | 1.18E-06 | 1.19E-06 | 1.19E-06 | 1.19E-06 |
| 167894.748176546390 | 167894.75 | 3909732.82 | FENCEGRD | 4.26E-05 | 4.34E-05 | 4.45E-05 | 4.55E-05 | 5.12E-06 | 1.84E-05 | 1.15E-06 | 1.16E-06 | 1.16E-06 | 1.17E-06 |
| 167872.877229805390 | 167872.88 | 3909742.65 | FENCEGRD | 4.47E-05 | 4.57E-05 | 4.70E-05 | 4.81E-05 | 5.00E-06 | 1.92E-05 | 1.14E-06 | 1.15E-06 | 1.15E-06 | 1.16E-06 |
| 167851.006283063390 | 167851.01 | 3909752.47 | FENCEGRD | 4.78E-05 | 4.90E-05 | 5.05E-05 | 5.18E-05 | 4.82E-06 | 2.02E-05 | 1.15E-06 | 1.16E-06 | 1.17E-06 | 1.18E-06 |
| 167829.135336321390 | 167829.14 | 3909762.30 | FENCEGRD | 5.17E-05 | 5.31E-05 | 5.50E-05 | 5.66E-05 | 4.63E-06 | 2.15E-05 | 1.19E-06 | 1.20E-06 | 1.21E-06 | 1.22E-06 |
| 167807.264389583909 | 167807.26 | 3909772.12 | FENCEGRD | 5.65E-05 | 5.82E-05 | 6.04E-05 | 6.24E-05 | 4.48E-06 | 2.28E-05 | 1.25E-06 | 1.26E-06 | 1.28E-06 | 1.30E-06 |
| 167785.393442838390 | 167785.39 | 3909781.94 | FENCEGRD | 6.20E-05 | 6.40E-05 | 6.65E-05 | 6.87E-05 | 4.44E-06 | 2.43E-05 | 1.34E-06 | 1.36E-06 | 1.38E-06 | 1.40E-06 |
| 167763.522496096390 | 167763.52 | 3909791.77 | FENCEGRD | 6.77E-05 | 6.99E-05 | 7.27E-05 | 7.52E-05 | 4.50E-06 | 2.58E-05 | 1.45E-06 | 1.47E-06 | 1.50E-06 | 1.52E-06 |
| 167741.651549354390 | 167741.65 | 3909801.59 | FENCEGRD | 7.36E-05 | 7.61E-05 | 7.92E-05 | 8.19E-05 | 4.69E-06 | 2.72E-05 | 1.58E-06 | 1.61E-06 | 1.63E-06 | 1.66E-06 |
| 167719.780602613390 | 167719.78 | 3909811.42 | FENCEGRD | 8.02E-05 | 8.29E-05 | 8.61E-05 | 8.90E-05 | 5.04E-06 | 2.87E-05 | 1.73E-06 | 1.76E-06 | 1.79E-06 | 1.82E-06 |
| 167697.909655871390 | 167697.91 | 3909821.24 | FENCEGRD | 8.70E-05 | 8.98E-05 | 9.30E-05 | 9.58E-05 | 5.53E-06 | 3.02E-05 | 1.90E-06 | 1.93E-06 | 1.97E-06 | 2.00E-06 |
| 167676.038709129390 | 167676.04 | 3909831.07 | FENCEGRD | 9.35E-05 | 9.61E-05 | 9.92E-05 | 1.02E-04 | 6.17E-06 | 3.17E-05 | 2.08E-06 | 2.11E-06 | 2.15E-06 | 2.18E-06 |
| 167654.167762388390 | 167654.17 | 3909840.89 | FENCEGRD | 1.01E-04 | 1.03E-04 | 1.06E-04 | 1.08E-04 | 7.09E-06 | 3.37E-05 | 2.30E-06 | 2.33E-06 | 2.36E-06 | 2.39E-06 |
| 167566.683975421390 | 167566.68 | 3909880.19 | FENCEGRD | 1.08E-04 | 1.10E-04 | 1.12E-04 | 1.12E-04 | 8.91E-06 | 3.71E-05 | 2.62E-06 | 2.64E-06 | 2.65E-06 | 2.65E-06 |
| 167544.813028679390 | 167544.81 | 3909890.01 | FENCEGRD | 1.07E-04 | 1.08E-04 | 1.08E-04 | 1.09E-04 | 8.67E-06 | 3.78E-05 | 2.54E-06 | 2.54E-06 | 2.55E-06 | 2.55E-06 |
| 167522.942081937390 | 167522.94 | 3909899.83 | FENCEGRD | 1.05E-04 | 1.05E-04 | 1.06E-04 | 1.07E-04 | 8.42E-06 | 3.71E-05 | 2.46E-06 | 2.47E-06 | 2.47E-06 | 2.48E-06 |
| 167501.071135196390 | 167501.07 | 3909909.66 | FENCEGRD | 1.03E-04 | 1.03E-04 | 1.04E-04 | 1.05E-04 | 8.21E-06 | 3.67E-05 | 2.41E-06 | 2.42E-06 | 2.44E-06 | 2.45E-06 |
| 167479.200188454390 | 167479.20 | 3909919.48 | FENCEGRD | 1.01E-04 | 1.02E-04 | 1.03E-04 | 1.04E-04 | 8.08E-06 | 3.65E-05 | 2.39E-06 | 2.41E-06 | 2.42E-06 | 2.44E-06 |
| 167457.329241712390 | 167457.33 | 3909929.31 | FENCEGRD | 1.00E-04 | 1.02E-04 | 1.03E-04 | 1.04E-04 | 8.07E-06 | 3.66E-05 | 2.40E-06 | 2.42E-06 | 2.44E-06 | 2.46E-06 |
| 167435.458294973909 | 167435.46 | 3909939.13 | FENCEGRD | 1.01E-04 | 1.03E-04 | 1.04E-04 | 1.05E-04 | 8.25E-06 | 3.72E-05 | 2.46E-06 | 2.48E-06 | 2.50E-06 | 2.52E-06 |
| 167413.587348229390 | 167413.59 | 3909948.95 | FENCEGRD | 1.03E-04 | 1.04E-04 | 1.05E-04 | 1.07E-04 | 8.53E-06 | 3.81E-05 | 2.53E-06 | 2.55E-06 | 2.58E-06 | 2.60E-06 |
| 167376.934557001390 | 167376.93 | 3909939.90 | FENCEGRD | 1.10E-04 | 1.11E-04 | 1.13E-04 | 1.14E-04 | 9.46E-06 | 4.09E-05 | 2.76E-06 | 2.78E-06 | 2.81E-06 | 2.83E-06 |
| 167362.152712515390 | 167362.15 | 3909921.02 | FENCEGRD | 1.16E-04 | 1.18E-04 | 1.19E-04 | 1.20E-04 | 1.01E-05 | 4.29E-05 | 2.92E-06 | 2.94E-06 | 2.97E-06 | 2.99E-06 |
| 167347.370868033909 | 167347.37 | 3909902.15 | FENCEGRD | 1.23E-04 | 1.24E-04 | 1.26E-04 | 1.27E-04 | 1.08E-05 | 4.50E-05 | 3.09E-06 | 3.12E-06 | 3.14E-06 | 3.16E-06 |
| 167332.589023544390 | 167332.59 | 3909883.27 | FENCEGRD | 1.30E-04 | 1.32E-04 | 1.33E-04 | 1.34E-04 | 1.16E-05 | 4.72E-05 | 3.28E-06 | 3.30E-06 | 3.33E-06 | 3.35E-06 |
| 167317.807179058390 | 167317.81 | 3909864.39 | FENCEGRD | 1.38E-04 | 1.40E-04 | 1.42E-04 | 1.43E-04 | 1.25E-05 | 4.99E-05 | 3.49E-06 | 3.52E-06 | 3.54E-06 | 3.57E-06 |
| 167303.025334572390 | 167303.03 | 3909845.51 | FENCEGRD | 1.47E-04 | 1.49E-04 | 1.51E-04 | 1.52E-04 | 1.35E-05 | 5.25E-05 | 3.71E-06 | 3.74E-06 | 3.77E-06 | 3.80E-06 |
| 167288.243490087390 | 167288.24 | 3909826.64 | FENCEGRD | 1.57E-04 | 1.59E-04 | 1.61E-04 | 1.63E-04 | 1.46E-05 | 5.56E-05 | 3.96E-06 | 3.99E-06 | 4.03E-06 | 4.06E-06 |
| 167273.461645601390 | 167273.46 | 3909807.76 | FENCEGRD | 1.66E-04 | 1.69E-04 | 1.71E-04 | 1.72E-04 | 1.58E-05 | 5.85E-05 | 4.22E-06 | 4.25E-06 | 4.29E-06 | 4.32E-06 |
| 167258.679801115390 | 167258.68 | 3909788.88 | FENCEGRD | 1.76E-04 | 1.79E-04 | 1.81E-04 | 1.82E-04 | 1.70E-05 | 6.17E-05 | 4.49E-06 | 4.52E-06 | 4.56E-06 | 4.59E-06 |
| 167243.897956629390 | 167243.90 | 3909770.01 | FENCEGRD | 1.87E-04 | 1.89E-04 | 1.91E-04 | 1.92E-04 | 1.82E-05 | 6.50E-05 | 4.76E-06 | 4.80E-06 | 4.84E-06 | 4.87E-06 |
| 167229.116112144390 | 167229.12 | 3909751.13 | FENCEGRD | 1.97E-04 | 1.99E-04 | 2.01E-04 | 2.02E-04 | 1.95E-05 | 6.84E-05 | 5.05E-06 | 5.08E-06 | 5.12E-06 | 5.15E-06 |
| 167214.334267658390 | 167214.33 | 3909732.25 | FENCEGRD | 2.08E-04 | 2.10E-04 | 2.11E-04 | 2.12E-04 | 2.09E-05 | 7.19E-05 | 5.34E-06 | 5.37E-06 | 5.40E-06 | 5.43E-06 |
| 167199.552423172390 | 167199.55 | 3909713.37 | FENCEGRD | 2.19E-04 | 2.21E-04 | 2.23E-04 | 2.24E-04 | 2.26E-05 | 7.57E-05 | 5.65E-06 | 5.68E-06 | 5.72E-06 | 5.75E-06 |
| 167184.770578686390 | 167184.77 | 3909694.50 | FENCEGRD | 2.31E-04 | 2.33E-04 | 2.35E-04 | 2.37E-04 | 2.46E-05 | 7.94E-05 | 5.98E-06 | 6.02E-06 | 6.06E-06 | 6.10E-06 |
| 167169.988734201390 | 167169.99 | 3909675.62 | FENCEGRD | 2.44E-04 | 2.46E-04 | 2.48E-04 | 2.51E-04 | 2.68E-05 | 8.31E-05 | 6.35E-06 | 6.40E-06 | 6.45E-06 | 6.50E-06 |
| 167155.206889715390 | 167155.21 | 3909656.74 | FENCEGRD | 2.57E-04 | 2.60E-04 | 2.63E-04 | 2.66E-04 | 2.91E-05 | 8.69E-05 | 6.78E-06 | 6.83E-06 | 6.89E-06 | 6.95E-06 |
| 167140.425045229390 | 167140.43 | 3909637.87 | FENCEGRD | 2.73E-04 | 2.76E-04 | 2.80E-04 | 2.83E-04 | 3.13E-05 | 9.13E-05 | 7.27E-06 | 7.33E-06 | 7.40E-06 | 7.47E-06 |
| 167125.643200743390 | 167125.64 | 3909618.99 | FENCEGRD | 2.91E-04 | 2.95E-04 | 2.99E-04 | 3.02E-04 | 3.32E-05 | 9.65E-05 | 7.82E-06 | 7.89E-06 | 7.96E-06 | 8.03E-06 |
| 167110.861356258390 | 167110.86 | 3909600.11 | FENCEGRD | 3.11E-04 | 3.15E-04 | 3.19E-04 | 3.22E-04 | 3.43E-05 | 1.02E-04 | 8.39E-06 | 8.46E-06 | 8.52E-06 | 8.59E-06 |
| 167096.079511772390 | 167096.08 | 3909581.23 | FENCEGRD | 3.31E-04 | 3.34E-04 | 3.37E-04 | 3.40E-04 | 3.48E-05 | 1.08E-04 | 8.91E-06 | 8.97E-06 | 9.02E-06 | 9.07E-06 |
| 167081.297667286390 | 167081.30 | 3909562.36 | FENCEGRD | 3.50E-04 | 3.53E-04 | 3.55E-04 | 3.56E-04 | 3.45E-05 | 1.15E-04 | 9.36E-06 | 9.39E-06 | 9.43E-06 | 9.45E-06 |
| 167066.515822839099 | 167066.52 | 3909543.48 | FENCEGRD | 3.66E-04 | 3.67E-04 | 3.67E-04 | 3.67E-04 | 3.37E-05 | 1.21E-04 | 9.65E-06 | 9.67E-06 | 9.68E-06 | 9.68E-06 |
| 167051.733978315390 | 167051.73 | 3909524.60 | FENCEGRD | 3.76E-04 | 3.75E-04 | 3.74E-04 | 3.73E-04 | 3.23E-05 | 1.25E-04 | 9.77E-06 | 9.76E-06 | 9.75E-06 | 9.73E-06 |
| 167036.952133829390 | 167036.95 | 3909505.73 | FENCEGRD | 3.81E-04 | 3.79E-04 | 3.77E-04 | 3.74E-04 | 3.06E-05 | 1.29E-04 | 9.75E-06 | 9.72E-06 | 9.69E-06 | 9.65E-06 |
| 167022.170289343390 | 167022.17 | 3909486.85 | FENCEGRD | 3.82E-04 | 3.79E-04 | 3.75E-04 | 3.72E-04 | 2.87E-05 | 1.32E-04 | 9.61E-06 | 9.56E-06 | 9.51E-06 | 9.46E-06 |
| 167007.388444857390 | 167007.39 | 3909467.97 | FENCEGRD | 3.79E-04 | 3.75E-04 | 3.70E-04 | 3.65E-04 | 2.67E-05 | 1.34E-04 | 9.36E-06 | 9.30E-06 | 9.23E-06 | 9.17E-06 |
| 166992.606600372390 | 166992.61 | 3909449.09 | FENCEGRD | 3.72E-04 | 3.67E-04 | 3.60E-04 | 3.55E-04 | 2.47E-05 | 1.34E-04 | 9.02E-06 | 8.95E-06 | 8.88E-06 | 8.81E-06 |
| 166977.824755886390 | 166977.82 | 3909430.22 | FENCEGRD | 3.61E-04 | 3.55E-04 | 3.48E-04 | 3.43E-04 | 2.28E-05 | 1.34E-04 | 8.63E-06 | 8.55E-06 | 8.47E-06 | 8.39E-06 |
| 166963.042911439094 | 166963.04 | 3909411.34 | FENCEGRD | 3.47E-04 | 3.41E-04 | 3.34E-04 | 3.28E-04 | 2.08E-05 | 1.32E-04 | 8.18E-06 | 8.10E-06 | 8.02E-06 | 7.94E-06 |
| 166948.261066914390 | 166948.26 | 3909392.46 | FENCEGRD | 3.31E-04 | 3.25E-04 | 3.17E-04 | 3.11E-04 | 1.90E-05 | 1.29E-04 | 7.71E-06 | 7.63E-06 | 7.55E-06 | 7.47E-06 |
| 166933.479222429390 | 166933.48 | 3909373.59 | FENCEGRD | 3.14E-04 | 3.08E-04 | 3.00E-04 | 2.94E-04 | 1.71E-05 | 1.25E-04 | 7.24E-06 | 7.16E-06 | 7.08E-06 | 7.00E-06 |
| 166918.697377943390 | 166918.70 | 3909354.71 | FENCEGRD | 2.97E-04 | 2.90E-04 | 2.83E-04 | 2.77E-04 | 1.54E-05 | 1.21E-04 | 6.78E-06 | 6.70E-06 | 6.62E-06 | 6.55E-06 |
| 166903.915533457390 | 166903.92 | 3909335.83 | FENCEGRD | 2.78E-04 | 2.72E-04 | 2.65E-04 | 2.59E-04 | 1.37E-05 | 1.17E-04 | 6.33E-06 | 6.25E-06 | 6.18E-06 | 6.11E-06 |
| 166889.133688972390 | 166889.13 | 3909316.95 | FENCEGRD | 2.60E-04 | 2.54E-04 | 2.47E-04 | 2.42E-04 | 1.22E-05 | 1.12E-04 | 5.89E-06 | 5.82E-06 | 5.75E-06 | 5.69E-06 |
| 166874.351844486390 | 166874.35 | 3909298.08 | FENCEGRD | 2.43E-04 | 2.37E-04 | 2.31E-04 | 2.26E-04 | 1.08E-05 | 1.07E-04 | 5.47E-06 | 5.40E-06 | 5.34E-06 | 5.27E-06 |
| 168179.070484189390 | 168179.07 | 3909605.11 | FENCEGRD | 2.85E-05 | 2.90E-05 | 2.98E-05 | 3.04E-05 | 3.85E-06 | 1.43E-05 | 1.03E-06 | 1.04E-06 | 1.04E-06 | 1.05E-06 |
| 168190.518984189390 | 168190.52 | 3909583.35 | FENCEGRD | 2.75E-05 | 2.81E-05 | 2.88E-05 | 2.94E-05 | 3.82E-06 | 1.44E-05 | 1.03E-06 | 1.04E-06 | 1.05E-06 | 1.06E-06 |
| 168201.967484189390 | 168201.97 | 3909561.59 | FENCEGRD | 2.66E-05 | 2.71E-05 | 2. | | | | | | | |

Project Ground Level Concentrations-2<16

| | | | | 2<16 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167691.681442745390 | 167691.68 | 3908875.12 | FENCEGRD | 6.47E-04 | 5.89E-04 | 5.27E-04 | 4.79E-04 | 2.12E-05 | 2.00E-04 | 8.24E-06 | 7.86E-06 | 7.48E-06 | 7.14E-06 |
| 167670.783442745390 | 167670.78 | 3908888.20 | FENCEGRD | 5.45E-04 | 4.91E-04 | 4.36E-04 | 3.95E-04 | 1.90E-05 | 1.72E-04 | 6.95E-06 | 6.60E-06 | 6.26E-06 | 5.96E-06 |
| 167762.006885491390 | 167762.01 | 3908801.59 | FENCEGRD | 6.99E-04 | 6.59E-04 | 6.14E-04 | 5.76E-04 | 2.41E-05 | 2.30E-04 | 1.01E-05 | 9.74E-06 | 9.43E-06 | 9.13E-06 |
| 167741.108885491390 | 167741.11 | 3908814.67 | FENCEGRD | 6.58E-04 | 6.15E-04 | 5.68E-04 | 5.29E-04 | 2.26E-05 | 1.89E-04 | 9.19E-06 | 8.86E-06 | 8.55E-06 | 8.25E-06 |
| 167720.210885491390 | 167720.21 | 3908827.76 | FENCEGRD | 6.08E-04 | 5.64E-04 | 5.16E-04 | 4.77E-04 | 2.10E-05 | 1.57E-04 | 8.30E-06 | 7.98E-06 | 7.66E-06 | 7.37E-06 |
| 167699.312885491390 | 167699.31 | 3908840.84 | FENCEGRD | 5.41E-04 | 4.98E-04 | 4.52E-04 | 4.16E-04 | 1.91E-05 | 1.31E-04 | 7.26E-06 | 6.96E-06 | 6.66E-06 | 6.39E-06 |
| 167678.414885491390 | 167678.41 | 3908853.93 | FENCEGRD | 4.75E-04 | 4.34E-04 | 3.91E-04 | 3.58E-04 | 1.74E-05 | 1.14E-04 | 6.30E-06 | 6.02E-06 | 5.75E-06 | 5.50E-06 |
| 167657.516885491390 | 167657.52 | 3908867.01 | FENCEGRD | 4.06E-04 | 3.69E-04 | 3.31E-04 | 3.03E-04 | 1.58E-05 | 1.05E-04 | 5.37E-06 | 5.12E-06 | 4.88E-06 | 4.66E-06 |
| 167794.142777813390 | 167794.14 | 3908784.69 | FENCEGRD | 7.27E-04 | 7.03E-04 | 6.70E-04 | 6.35E-04 | 2.64E-05 | 2.80E-04 | 1.12E-05 | 1.09E-05 | 1.07E-05 | 1.04E-05 |
| 167816.844002601390 | 167816.84 | 3908786.84 | FENCEGRD | 7.55E-04 | 7.37E-04 | 7.19E-04 | 7.02E-04 | 2.90E-05 | 3.46E-04 | 1.19E-05 | 1.17E-05 | 1.16E-05 | 1.14E-05 |
| 167748.740328236390 | 167748.74 | 3908780.40 | FENCEGRD | 5.60E-04 | 5.26E-04 | 4.89E-04 | 4.58E-04 | 2.06E-05 | 1.58E-04 | 8.24E-06 | 7.97E-06 | 7.70E-06 | 7.45E-06 |
| 167727.842328236390 | 167727.84 | 3908793.49 | FENCEGRD | 5.26E-04 | 4.90E-04 | 4.52E-04 | 4.21E-04 | 1.94E-05 | 1.31E-04 | 7.55E-06 | 7.28E-06 | 7.01E-06 | 6.77E-06 |
| 167706.944328236390 | 167706.94 | 3908806.57 | FENCEGRD | 4.77E-04 | 4.42E-04 | 4.05E-04 | 3.76E-04 | 1.79E-05 | 1.07E-04 | 6.72E-06 | 6.46E-06 | 6.21E-06 | 5.97E-06 |
| 167686.046328236390 | 167686.05 | 3908819.65 | FENCEGRD | 4.28E-04 | 3.94E-04 | 3.58E-04 | 3.31E-04 | 1.64E-05 | 8.93E-05 | 5.93E-06 | 5.68E-06 | 5.44E-06 | 5.23E-06 |
| 167665.148328236390 | 167665.15 | 3908832.74 | FENCEGRD | 3.74E-04 | 3.43E-04 | 3.11E-04 | 2.87E-04 | 1.49E-05 | 7.76E-05 | 5.12E-06 | 4.90E-06 | 4.69E-06 | 4.50E-06 |
| 167644.250328236390 | 167644.25 | 3908845.82 | FENCEGRD | 3.19E-04 | 2.93E-04 | 2.66E-04 | 2.46E-04 | 1.34E-05 | 7.09E-05 | 4.34E-06 | 4.16E-06 | 3.97E-06 | 3.82E-06 |
| 167783.903050533908 | 167783.90 | 3908763.79 | FENCEGRD | 6.31E-04 | 5.99E-04 | 5.64E-04 | 5.34E-04 | 2.34E-05 | 2.21E-04 | 9.69E-06 | 9.42E-06 | 9.15E-06 | 8.89E-06 |
| 167808.117690304390 | 167808.12 | 3908766.08 | FENCEGRD | 6.87E-04 | 6.69E-04 | 6.43E-04 | 6.13E-04 | 2.61E-05 | 2.73E-04 | 1.10E-05 | 1.08E-05 | 1.06E-05 | 1.03E-05 |
| 167868.842829443390 | 167868.84 | 3908842.58 | FENCEGRD | 8.67E-04 | 8.52E-04 | 8.35E-04 | 8.18E-04 | 3.16E-05 | 3.72E-04 | 1.45E-05 | 1.43E-05 | 1.40E-05 | 1.38E-05 |
| 167735.473770981390 | 167735.47 | 3908759.21 | FENCEGRD | 4.69E-04 | 4.39E-04 | 4.07E-04 | 3.81E-04 | 1.83E-05 | 1.21E-04 | 7.06E-06 | 6.82E-06 | 6.58E-06 | 6.37E-06 |
| 167714.575770981390 | 167714.58 | 3908772.30 | FENCEGRD | 4.32E-04 | 4.03E-04 | 3.71E-04 | 3.46E-04 | 1.70E-05 | 9.99E-05 | 6.37E-06 | 6.14E-06 | 5.91E-06 | 5.70E-06 |
| 167693.677770981390 | 167693.68 | 3908785.38 | FENCEGRD | 3.91E-04 | 3.62E-04 | 3.32E-04 | 3.09E-04 | 1.57E-05 | 8.18E-05 | 5.65E-06 | 5.44E-06 | 5.22E-06 | 5.03E-06 |
| 167672.779770981390 | 167672.78 | 3908798.46 | FENCEGRD | 3.47E-04 | 3.20E-04 | 2.93E-04 | 2.72E-04 | 1.43E-05 | 6.79E-05 | 4.94E-06 | 4.74E-06 | 4.55E-06 | 4.38E-06 |
| 167651.881770981390 | 167651.88 | 3908811.55 | FENCEGRD | 3.02E-04 | 2.79E-04 | 2.56E-04 | 2.38E-04 | 1.29E-05 | 5.82E-05 | 4.25E-06 | 4.08E-06 | 3.91E-06 | 3.77E-06 |
| 167630.983770981390 | 167630.98 | 3908824.63 | FENCEGRD | 2.60E-04 | 2.41E-04 | 2.22E-04 | 2.07E-04 | 1.16E-05 | 5.22E-05 | 3.61E-06 | 3.47E-06 | 3.34E-06 | 3.22E-06 |
| 167731.641881263908 | 167731.64 | 3908718.98 | FENCEGRD | 3.87E-04 | 3.63E-04 | 3.38E-04 | 3.18E-04 | 1.62E-05 | 1.00E-04 | 6.11E-06 | 5.91E-06 | 5.71E-06 | 5.53E-06 |
| 167754.343106049390 | 167754.34 | 3908721.12 | FENCEGRD | 4.48E-04 | 4.23E-04 | 3.95E-04 | 3.72E-04 | 1.83E-05 | 1.30E-04 | 7.14E-06 | 6.91E-06 | 6.70E-06 | 6.49E-06 |
| 167777.044330837390 | 167777.04 | 3908723.27 | FENCEGRD | 5.11E-04 | 4.85E-04 | 4.56E-04 | 4.31E-04 | 2.05E-05 | 1.67E-04 | 8.24E-06 | 8.00E-06 | 7.77E-06 | 7.55E-06 |
| 167799.74555625390 | 167799.75 | 3908725.42 | FENCEGRD | 5.63E-04 | 5.42E-04 | 5.15E-04 | 4.90E-04 | 2.26E-05 | 2.00E-04 | 9.29E-06 | 9.07E-06 | 8.84E-06 | 8.61E-06 |
| 167822.446780414390 | 167822.45 | 3908727.56 | FENCEGRD | 5.93E-04 | 5.79E-04 | 5.62E-04 | 5.43E-04 | 2.46E-05 | 2.34E-04 | 1.00E-05 | 9.93E-06 | 9.76E-06 | 9.58E-06 |
| 167845.148005202390 | 167845.15 | 3908729.71 | FENCEGRD | 6.21E-04 | 6.08E-04 | 5.95E-04 | 5.82E-04 | 2.63E-05 | 2.68E-04 | 1.06E-05 | 1.05E-05 | 1.04E-05 | 1.03E-05 |
| 167902.077823145390 | 167902.08 | 3908801.43 | FENCEGRD | 7.71E-04 | 7.59E-04 | 7.45E-04 | 7.31E-04 | 2.99E-05 | 3.58E-04 | 1.31E-05 | 1.29E-05 | 1.27E-05 | 1.25E-05 |
| 167905.920279267390 | 167905.92 | 3908823.90 | FENCEGRD | 7.81E-04 | 7.72E-04 | 7.63E-04 | 7.53E-04 | 3.13E-05 | 3.45E-04 | 1.44E-05 | 1.42E-05 | 1.40E-05 | 1.38E-05 |
| 167909.762735389390 | 167909.76 | 3908846.38 | FENCEGRD | 7.81E-04 | 7.82E-04 | 7.81E-04 | 7.77E-04 | 3.36E-05 | 3.14E-04 | 1.58E-05 | 1.56E-05 | 1.54E-05 | 1.52E-05 |
| 167913.605191511390 | 167913.61 | 3908868.86 | FENCEGRD | 7.54E-04 | 7.66E-04 | 7.78E-04 | 7.84E-04 | 3.63E-05 | 2.83E-04 | 1.70E-05 | 1.70E-05 | 1.68E-05 | 1.67E-05 |
| 167917.447647633390 | 167917.45 | 3908891.33 | FENCEGRD | 7.21E-04 | 7.43E-04 | 7.68E-04 | 7.86E-04 | 3.92E-05 | 2.52E-04 | 1.80E-05 | 1.80E-05 | 1.80E-05 | 1.80E-05 |
| 167708.940656472390 | 167708.94 | 3908716.83 | FENCEGRD | 3.31E-04 | 3.10E-04 | 2.88E-04 | 2.70E-04 | 1.44E-05 | 7.82E-05 | 5.21E-06 | 5.03E-06 | 4.86E-06 | 4.70E-06 |
| 167688.042656472390 | 167688.04 | 3908729.92 | FENCEGRD | 3.00E-04 | 2.80E-04 | 2.60E-04 | 2.43E-04 | 1.32E-05 | 6.48E-05 | 4.62E-06 | 4.46E-06 | 4.30E-06 | 4.16E-06 |
| 167667.144656472390 | 167667.14 | 3908743.00 | FENCEGRD | 2.69E-04 | 2.51E-04 | 2.32E-04 | 2.18E-04 | 1.21E-05 | 5.38E-05 | 4.06E-06 | 3.91E-06 | 3.77E-06 | 3.65E-06 |
| 167646.246656472390 | 167646.25 | 3908756.08 | FENCEGRD | 2.39E-04 | 2.24E-04 | 2.08E-04 | 1.96E-04 | 1.09E-05 | 4.52E-05 | 3.54E-06 | 3.41E-06 | 3.29E-06 | 3.19E-06 |
| 167625.348656472390 | 167625.35 | 3908769.17 | FENCEGRD | 2.12E-04 | 1.99E-04 | 1.85E-04 | 1.75E-04 | 9.86E-06 | 3.88E-05 | 3.07E-06 | 2.97E-06 | 2.87E-06 | 2.78E-06 |
| 167604.450656472390 | 167604.45 | 3908782.25 | FENCEGRD | 1.87E-04 | 1.76E-04 | 1.65E-04 | 1.56E-04 | 8.84E-06 | 3.44E-05 | 2.67E-06 | 2.59E-06 | 2.51E-06 | 2.44E-06 |
| 167706.622181736390 | 167706.62 | 3908676.74 | FENCEGRD | 2.85E-04 | 2.68E-04 | 2.50E-04 | 2.36E-04 | 1.31E-05 | 7.03E-05 | 4.67E-06 | 4.52E-06 | 4.37E-06 | 4.24E-06 |
| 167730.836821511390 | 167730.84 | 3908679.03 | FENCEGRD | 3.34E-04 | 3.15E-04 | 2.94E-04 | 2.78E-04 | 1.49E-05 | 9.03E-05 | 5.53E-06 | 5.36E-06 | 5.19E-06 | 5.03E-06 |
| 167755.051461285390 | 167755.05 | 3908681.32 | FENCEGRD | 3.90E-04 | 3.69E-04 | 3.46E-04 | 3.27E-04 | 1.70E-05 | 1.16E-04 | 6.54E-06 | 6.34E-06 | 6.15E-06 | 5.97E-06 |
| 167779.266101059390 | 167779.27 | 3908683.61 | FENCEGRD | 4.29E-04 | 4.15E-04 | 4.00E-04 | 3.83E-04 | 1.93E-05 | 1.37E-04 | 7.48E-06 | 7.35E-06 | 7.20E-06 | 7.03E-06 |
| 167803.480740834390 | 167803.48 | 3908685.90 | FENCEGRD | 4.57E-04 | 4.44E-04 | 4.29E-04 | 4.17E-04 | 2.14E-05 | 1.61E-04 | 7.97E-06 | 7.84E-06 | 7.70E-06 | 7.58E-06 |
| 167827.695380608390 | 167827.70 | 3908688.19 | FENCEGRD | 4.92E-04 | 4.79E-04 | 4.66E-04 | 4.54E-04 | 2.27E-05 | 1.89E-04 | 8.62E-06 | 8.51E-06 | 8.38E-06 | 8.26E-06 |
| 167851.910020382390 | 167851.91 | 3908690.47 | FENCEGRD | 5.19E-04 | 5.08E-04 | 4.96E-04 | 4.85E-04 | 2.38E-05 | 2.16E-04 | 9.15E-06 | 9.04E-06 | 8.93E-06 | 8.82E-06 |
| 167876.124660157390 | 167876.12 | 3908692.76 | FENCEGRD | 5.35E-04 | 5.25E-04 | 5.14E-04 | 5.05E-04 | 2.43E-05 | 2.38E-04 | 9.48E-06 | 9.38E-06 | 9.27E-06 | 9.17E-06 |
| 167900.339299931390 | 167900.34 | 3908695.05 | FENCEGRD | 5.62E-04 | 5.52E-04 | 5.43E-04 | 5.34E-04 | 2.57E-05 | 2.63E-04 | 1.01E-05 | 9.99E-06 | 9.89E-06 | 9.79E-06 |
| 167936.849799296390 | 167936.85 | 3908769.26 | FENCEGRD | 7.55E-04 | 7.45E-04 | 7.36E-04 | 7.26E-04 | 3.17E-05 | 3.17E-04 | 1.32E-05 | 1.30E-05 | 1.29E-05 | 1.28E-05 |
| 167940.948419159390 | 167940.95 | 3908793.24 | FENCEGRD | 7.93E-04 | 7.86E-04 | 7.78E-04 | 7.70E-04 | 3.25E-05 | 3.00E-04 | 1.38E-05 | 1.36E-05 | 1.35E-05 | 1.34E-05 |
| 167945.047030922390 | 167945.05 | 3908817.21 | FENCEGRD | 8.27E-04 | 8.25E-04 | 8.23E-04 | 8.17E-04 | 3.39E-05 | 2.78E-04 | 1.46E-05 | 1.45E-05 | 1.44E-05 | 1.43E-05 |
| 167949.145658886390 | 167949.15 | 3908841.19 | FENCEGRD | 8.45E-04 | 8.52E-04 | 8.59E-04 | 8.60E-04 | 3.59E-05 | 2.56E-04 | 1.55E-05 | 1.55E-05 | 1.54E-05 | 1.53E-05 |
| 167953.244278749390 | 167953.24 | 3908865.16 | FENCEGRD | 8.37E-04 | 8.54E-04 | 8.71E-04 | 8.82E-04 | 3.82E-05 | 2.34E-04 | 1.63E-05 | 1.63E-05 | 1.63E-05 | 1.63E-05 |
| 167957.342898613390 | 167957.34 | 3908889.14 | FENCEGRD | 8.01E-04 | 8.26E-04 | 8.54E-04 | 8.75E-04 | 4.05E-05 | 2.12E-04 | 1.67E-05 | 1.68E-05 | 1.69E-05 | 1.70E-05 |
| 167961.441518476390 | 167961.44 | 3908913.11 | FENCEGRD | 7.69E-04 | 8.00E-04 | 8.35E-04 | 8.64E-04 | 4.28E-05 | 1.89E-04 | 1.66E-05 | 1.68E-05 | 1.70E-05 | 1.72E-05 |
| 167682.407541962390 | 167682.41 | 3908674.45 | FENCEGRD | 2.41E-04 | 2.27E-04 | 2.12E-04 | 2.01E-04 | 1.14E-05 | 5.55E-05 | 3.92E-06 | 3.80E-06 | 3.67E-06 | 3.56E-06 |
| 167661.509541962390 | 167661.51 | 3908687.54 | FENCEGRD | 2.18E-04 | 2.05E-04 | 1.92E-04 | 1.82E-04 | 1.04E-05 | 4.65E-05 | 3.46E-06 | 3.35E-06 | 3.24E-06 | 3.14E-06 |
| 167640.611541962390 | 167640.61 | 3908700.62 | FENCEGRD | 1.96E-04 | 1.85E-04 | 1.73E-04 | 1.65E-04 | 9.42E-06 | 3.92E-05 | 3.03E-06 | 2.94E-06 | 2.85E-06 | 2.77E-06 |
| 167619.713541962390 | 167619.71 | 3908713.71 | FENCEGRD | 1.77E-04 | 1.67E-04 | 1.5 | | | | | | | |

Project Ground Level Concentrations-2<16

| | | | | 2<16 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.849192287390 | 168005.85 | 3908937.31 | FENCEGRD | 6.59E-04 | 6.92E-04 | 7.29E-04 | 7.60E-04 | 4.34E-05 | 1.41E-04 | 1.42E-05 | 1.44E-05 | 1.47E-05 | 1.49E-05 |
| 167655.874427453390 | 167655.87 | 3908632.07 | FENCEGRD | 1.80E-04 | 1.71E-04 | 1.61E-04 | 1.53E-04 | 9.04E-06 | 4.11E-05 | 2.98E-06 | 2.90E-06 | 2.81E-06 | 2.74E-06 |
| 167634.976427453390 | 167634.98 | 3908645.16 | FENCEGRD | 1.64E-04 | 1.57E-04 | 1.48E-04 | 1.42E-04 | 8.25E-06 | 3.52E-05 | 2.65E-06 | 2.58E-06 | 2.51E-06 | 2.45E-06 |
| 167614.078427453390 | 167614.08 | 3908658.24 | FENCEGRD | 1.51E-04 | 1.44E-04 | 1.37E-04 | 1.31E-04 | 7.53E-06 | 3.05E-05 | 2.38E-06 | 2.32E-06 | 2.26E-06 | 2.21E-06 |
| 167593.180427453390 | 167593.18 | 3908671.33 | FENCEGRD | 1.39E-04 | 1.33E-04 | 1.26E-04 | 1.21E-04 | 6.89E-06 | 2.68E-05 | 2.14E-06 | 2.09E-06 | 2.04E-06 | 2.00E-06 |
| 167572.282427453390 | 167572.28 | 3908684.41 | FENCEGRD | 1.27E-04 | 1.21E-04 | 1.15E-04 | 1.10E-04 | 6.31E-06 | 2.37E-05 | 1.93E-06 | 1.89E-06 | 1.84E-06 | 1.80E-06 |
| 167551.384427453390 | 167551.38 | 3908697.49 | FENCEGRD | 1.15E-04 | 1.09E-04 | 1.03E-04 | 9.86E-05 | 5.80E-06 | 2.12E-05 | 1.73E-06 | 1.68E-06 | 1.64E-06 | 1.60E-06 |
| 167653.555952718390 | 167653.56 | 3908591.98 | FENCEGRD | 1.61E-04 | 1.54E-04 | 1.46E-04 | 1.39E-04 | 8.34E-06 | 3.89E-05 | 2.75E-06 | 2.68E-06 | 2.61E-06 | 2.54E-06 |
| 167677.770592492390 | 167677.77 | 3908594.27 | FENCEGRD | 1.86E-04 | 1.76E-04 | 1.66E-04 | 1.59E-04 | 9.52E-06 | 4.73E-05 | 3.23E-06 | 3.14E-06 | 3.05E-06 | 2.97E-06 |
| 167701.985232266390 | 167701.99 | 3908596.56 | FENCEGRD | 2.16E-04 | 2.05E-04 | 1.94E-04 | 1.84E-04 | 1.09E-05 | 5.90E-05 | 3.83E-06 | 3.72E-06 | 3.62E-06 | 3.52E-06 |
| 167726.199872043908 | 167726.20 | 3908598.85 | FENCEGRD | 2.50E-04 | 2.39E-04 | 2.25E-04 | 2.14E-04 | 1.25E-05 | 7.09E-05 | 4.54E-06 | 4.41E-06 | 4.28E-06 | 4.16E-06 |
| 167750.414511815390 | 167750.41 | 3908601.14 | FENCEGRD | 2.71E-04 | 2.62E-04 | 2.53E-04 | 2.46E-04 | 1.43E-05 | 8.16E-05 | 5.06E-06 | 4.98E-06 | 4.88E-06 | 4.79E-06 |
| 167774.629151589390 | 167774.63 | 3908603.43 | FENCEGRD | 2.91E-04 | 2.81E-04 | 2.71E-04 | 2.63E-04 | 1.53E-05 | 9.36E-05 | 5.43E-06 | 5.33E-06 | 5.23E-06 | 5.13E-06 |
| 167798.843791363390 | 167798.84 | 3908605.72 | FENCEGRD | 3.13E-04 | 3.03E-04 | 2.92E-04 | 2.83E-04 | 1.61E-05 | 1.08E-04 | 5.84E-06 | 5.74E-06 | 5.63E-06 | 5.53E-06 |
| 167823.058431138390 | 167823.06 | 3908608.00 | FENCEGRD | 3.39E-04 | 3.29E-04 | 3.17E-04 | 3.08E-04 | 1.71E-05 | 1.26E-04 | 6.33E-06 | 6.23E-06 | 6.12E-06 | 6.01E-06 |
| 167847.273070912390 | 167847.27 | 3908610.29 | FENCEGRD | 3.65E-04 | 3.56E-04 | 3.45E-04 | 3.37E-04 | 1.82E-05 | 1.44E-04 | 6.85E-06 | 6.76E-06 | 6.66E-06 | 6.56E-06 |
| 167871.487710686390 | 167871.49 | 3908612.58 | FENCEGRD | 3.87E-04 | 3.79E-04 | 3.70E-04 | 3.61E-04 | 1.93E-05 | 1.62E-04 | 7.32E-06 | 7.23E-06 | 7.13E-06 | 7.04E-06 |
| 167895.702350461390 | 167895.70 | 3908614.87 | FENCEGRD | 4.06E-04 | 3.99E-04 | 3.91E-04 | 3.83E-04 | 2.02E-05 | 1.78E-04 | 7.73E-06 | 7.65E-06 | 7.57E-06 | 7.49E-06 |
| 167919.916990235390 | 167919.92 | 3908617.46 | FENCEGRD | 4.22E-04 | 4.15E-04 | 4.08E-04 | 4.01E-04 | 2.10E-05 | 1.93E-04 | 8.10E-06 | 8.03E-06 | 7.95E-06 | 7.88E-06 |
| 167944.131630009390 | 167944.13 | 3908619.15 | FENCEGRD | 4.34E-04 | 4.28E-04 | 4.22E-04 | 4.16E-04 | 2.17E-05 | 2.07E-04 | 8.41E-06 | 8.34E-06 | 8.26E-06 | 8.19E-06 |
| 167968.346269784390 | 167968.35 | 3908621.74 | FENCEGRD | 4.57E-04 | 4.51E-04 | 4.44E-04 | 4.38E-04 | 2.30E-05 | 2.23E-04 | 8.95E-06 | 8.88E-06 | 8.80E-06 | 8.73E-06 |
| 167996.659529421390 | 167996.66 | 3908648.00 | FENCEGRD | 5.36E-04 | 5.29E-04 | 5.23E-04 | 5.17E-04 | 2.72E-05 | 2.68E-04 | 1.08E-05 | 1.07E-05 | 1.07E-05 | 1.06E-05 |
| 168000.758149285390 | 168000.76 | 3908671.98 | FENCEGRD | 5.82E-04 | 5.76E-04 | 5.70E-04 | 5.64E-04 | 2.89E-05 | 2.85E-04 | 1.17E-05 | 1.16E-05 | 1.15E-05 | 1.15E-05 |
| 168004.856769148390 | 168004.86 | 3908695.95 | FENCEGRD | 6.27E-04 | 6.21E-04 | 6.16E-04 | 6.10E-04 | 3.08E-05 | 2.92E-04 | 1.24E-05 | 1.24E-05 | 1.23E-05 | 1.22E-05 |
| 168008.955389012390 | 168008.96 | 3908719.92 | FENCEGRD | 6.66E-04 | 6.62E-04 | 6.58E-04 | 6.53E-04 | 3.23E-05 | 2.88E-04 | 1.30E-05 | 1.29E-05 | 1.29E-05 | 1.28E-05 |
| 168013.054008875390 | 168013.05 | 3908743.90 | FENCEGRD | 7.00E-04 | 6.98E-04 | 6.96E-04 | 6.93E-04 | 3.34E-05 | 2.74E-04 | 1.35E-05 | 1.35E-05 | 1.34E-05 | 1.33E-05 |
| 168017.152628739390 | 168017.15 | 3908767.87 | FENCEGRD | 7.33E-04 | 7.35E-04 | 7.37E-04 | 7.37E-04 | 3.53E-05 | 2.58E-04 | 1.42E-05 | 1.42E-05 | 1.41E-05 | 1.41E-05 |
| 168021.251248602390 | 168021.25 | 3908791.85 | FENCEGRD | 7.53E-04 | 7.60E-04 | 7.67E-04 | 7.72E-04 | 3.70E-05 | 2.38E-04 | 1.46E-05 | 1.47E-05 | 1.47E-05 | 1.47E-05 |
| 168025.349868465390 | 168025.35 | 3908815.82 | FENCEGRD | 7.58E-04 | 7.70E-04 | 7.84E-04 | 7.93E-04 | 3.85E-05 | 2.17E-04 | 1.49E-05 | 1.49E-05 | 1.50E-05 | 1.50E-05 |
| 168029.448488329390 | 168029.45 | 3908839.80 | FENCEGRD | 7.49E-04 | 7.66E-04 | 7.85E-04 | 7.99E-04 | 3.99E-05 | 1.96E-04 | 1.49E-05 | 1.50E-05 | 1.51E-05 | 1.52E-05 |
| 168033.547108192390 | 168033.55 | 3908863.77 | FENCEGRD | 7.26E-04 | 7.47E-04 | 7.71E-04 | 7.90E-04 | 4.10E-05 | 1.77E-04 | 1.47E-05 | 1.48E-05 | 1.50E-05 | 1.51E-05 |
| 168037.645728056390 | 168037.65 | 3908887.75 | FENCEGRD | 6.88E-04 | 7.12E-04 | 7.40E-04 | 7.63E-04 | 4.16E-05 | 1.58E-04 | 1.43E-05 | 1.44E-05 | 1.46E-05 | 1.48E-05 |
| 168041.744347919390 | 168041.74 | 3908911.72 | FENCEGRD | 6.34E-04 | 6.61E-04 | 6.91E-04 | 7.18E-04 | 4.17E-05 | 1.41E-04 | 1.36E-05 | 1.38E-05 | 1.40E-05 | 1.42E-05 |
| 168045.842967783390 | 168045.84 | 3908935.70 | FENCEGRD | 5.64E-04 | 5.92E-04 | 6.25E-04 | 6.53E-04 | 4.12E-05 | 1.25E-04 | 1.27E-05 | 1.29E-05 | 1.31E-05 | 1.34E-05 |
| 168049.941587646390 | 168049.94 | 3908959.67 | FENCEGRD | 4.85E-04 | 5.12E-04 | 5.44E-04 | 5.73E-04 | 4.01E-05 | 1.11E-04 | 1.15E-05 | 1.18E-05 | 1.20E-05 | 1.22E-05 |
| 167629.341312943390 | 167629.34 | 3908589.69 | FENCEGRD | 1.42E-04 | 1.36E-04 | 1.30E-04 | 1.25E-04 | 7.37E-06 | 3.27E-05 | 2.39E-06 | 2.33E-06 | 2.27E-06 | 2.23E-06 |
| 167608.443312943390 | 167608.44 | 3908602.78 | FENCEGRD | 1.33E-04 | 1.27E-04 | 1.21E-04 | 1.17E-04 | 6.78E-06 | 2.86E-05 | 2.17E-06 | 2.12E-06 | 2.07E-06 | 2.03E-06 |
| 167587.545312943390 | 167587.55 | 3908615.86 | FENCEGRD | 1.23E-04 | 1.18E-04 | 1.13E-04 | 1.08E-04 | 6.24E-06 | 2.52E-05 | 1.97E-06 | 1.93E-06 | 1.89E-06 | 1.85E-06 |
| 167566.647312943390 | 167566.65 | 3908628.95 | FENCEGRD | 1.14E-04 | 1.09E-04 | 1.04E-04 | 9.94E-05 | 5.76E-06 | 2.23E-05 | 1.79E-06 | 1.75E-06 | 1.72E-06 | 1.68E-06 |
| 167545.749312943390 | 167545.75 | 3908642.03 | FENCEGRD | 1.04E-04 | 9.92E-05 | 9.43E-05 | 9.04E-05 | 5.34E-06 | 1.99E-05 | 1.62E-06 | 1.58E-06 | 1.55E-06 | 1.51E-06 |
| 167524.851312943390 | 167524.85 | 3908655.11 | FENCEGRD | 9.39E-05 | 8.98E-05 | 8.54E-05 | 8.19E-05 | 4.97E-06 | 1.80E-05 | 1.45E-06 | 1.41E-06 | 1.38E-06 | 1.35E-06 |
| 167600.489723699390 | 167600.49 | 3908507.23 | FENCEGRD | 1.12E-04 | 1.08E-04 | 1.04E-04 | 1.00E-04 | 5.96E-06 | 2.74E-05 | 1.95E-06 | 1.91E-06 | 1.87E-06 | 1.84E-06 |
| 167624.704363473390 | 167624.70 | 3908509.51 | FENCEGRD | 1.21E-04 | 1.17E-04 | 1.12E-04 | 1.08E-04 | 6.55E-06 | 3.10E-05 | 2.15E-06 | 2.10E-06 | 2.06E-06 | 2.02E-06 |
| 167648.919003247390 | 167648.92 | 3908511.80 | FENCEGRD | 1.33E-04 | 1.28E-04 | 1.22E-04 | 1.18E-04 | 7.26E-06 | 3.56E-05 | 2.41E-06 | 2.35E-06 | 2.30E-06 | 2.25E-06 |
| 167673.133643022390 | 167673.13 | 3908514.09 | FENCEGRD | 1.48E-04 | 1.42E-04 | 1.35E-04 | 1.30E-04 | 8.11E-06 | 4.16E-05 | 2.74E-06 | 2.67E-06 | 2.60E-06 | 2.54E-06 |
| 167697.348282796390 | 167697.35 | 3908516.38 | FENCEGRD | 1.66E-04 | 1.59E-04 | 1.51E-04 | 1.44E-04 | 9.05E-06 | 4.88E-05 | 3.12E-06 | 3.04E-06 | 2.96E-06 | 2.89E-06 |
| 167721.562922573908 | 167721.56 | 3908518.67 | FENCEGRD | 1.87E-04 | 1.79E-04 | 1.70E-04 | 1.63E-04 | 1.01E-05 | 5.79E-05 | 3.58E-06 | 3.49E-06 | 3.40E-06 | 3.32E-06 |
| 167745.777562345390 | 167745.78 | 3908520.96 | FENCEGRD | 2.07E-04 | 2.01E-04 | 1.93E-04 | 1.86E-04 | 1.15E-05 | 6.57E-05 | 4.11E-06 | 4.04E-06 | 3.95E-06 | 3.86E-06 |
| 167769.992202119390 | 167769.99 | 3908523.25 | FENCEGRD | 2.20E-04 | 2.13E-04 | 2.06E-04 | 2.01E-04 | 1.27E-05 | 7.27E-05 | 4.37E-06 | 4.31E-06 | 4.23E-06 | 4.16E-06 |
| 167794.206841893390 | 167794.21 | 3908525.54 | FENCEGRD | 2.34E-04 | 2.27E-04 | 2.19E-04 | 2.13E-04 | 1.32E-05 | 8.15E-05 | 4.66E-06 | 4.58E-06 | 4.50E-06 | 4.42E-06 |
| 167818.421481668390 | 167818.42 | 3908527.82 | FENCEGRD | 2.54E-04 | 2.47E-04 | 2.39E-04 | 2.33E-04 | 1.41E-05 | 9.33E-05 | 5.07E-06 | 4.99E-06 | 4.90E-06 | 4.83E-06 |
| 167842.636121442390 | 167842.64 | 3908530.11 | FENCEGRD | 2.77E-04 | 2.69E-04 | 2.61E-04 | 2.55E-04 | 1.52E-05 | 1.07E-04 | 5.54E-06 | 5.46E-06 | 5.37E-06 | 5.30E-06 |
| 167866.850761216390 | 167866.85 | 3908532.40 | FENCEGRD | 2.96E-04 | 2.89E-04 | 2.82E-04 | 2.76E-04 | 1.62E-05 | 1.21E-04 | 5.96E-06 | 5.89E-06 | 5.80E-06 | 5.73E-06 |
| 167891.065400991390 | 167891.07 | 3908534.69 | FENCEGRD | 3.15E-04 | 3.08E-04 | 3.01E-04 | 2.95E-04 | 1.71E-05 | 1.34E-04 | 6.36E-06 | 6.29E-06 | 6.21E-06 | 6.14E-06 |
| 167915.280040765390 | 167915.28 | 3908536.98 | FENCEGRD | 3.31E-04 | 3.24E-04 | 3.18E-04 | 3.13E-04 | 1.79E-05 | 1.46E-04 | 6.72E-06 | 6.66E-06 | 6.59E-06 | 6.52E-06 |
| 167939.494680539390 | 167939.49 | 3908539.27 | FENCEGRD | 3.45E-04 | 3.40E-04 | 3.34E-04 | 3.29E-04 | 1.88E-05 | 1.57E-04 | 7.09E-06 | 7.03E-06 | 6.96E-06 | 6.90E-06 |
| 167963.709320314390 | 167963.71 | 3908541.56 | FENCEGRD | 3.59E-04 | 3.54E-04 | 3.49E-04 | 3.45E-04 | 1.97E-05 | 1.69E-04 | 7.45E-06 | 7.39E-06 | 7.33E-06 | 7.28E-06 |
| 167987.923960088390 | 167987.92 | 3908543.84 | FENCEGRD | 3.76E-04 | 3.71E-04 | 3.66E-04 | 3.62E-04 | 2.08E-05 | 1.82E-04 | 7.91E-06 | 7.86E-06 | 7.81E-06 | 7.76E-06 |
| 168012.138599862390 | 168012.14 | 3908546.13 | FENCEGRD | 3.99E-04 | 3.94E-04 | 3.89E-04 | 3.83E-04 | 2.19E-05 | 2.04E-04 | 8.71E-06 | 8.67E-06 | 8.61E-06 | 8.53E-06 |
| 168036.353239637390 | 168036.35 | 3908548.42 | FENCEGRD | 4.10E-04 | 4.02E-04 | 3.93E-04 | 3.84E-04 | 2.19E-05 | 2.19E-04 | 8.92E-06 | 8.80E-06 | 8.69E-06 | 8.58E-06 |
| 168064.666499274390 | 168064.67 | 3908574.69 | FENCEGRD | 4.50E-04 | 4.44E-04 | 4.36E-04 | 4.27E-04 | 2.41E-05 | 2.40E-04 | 9.95E-06 | 9.85E-06 | 9.73E-06 | 9.61E-06 |
| 168068.765119138390 | 168068.77 | 3908598.66 | FENCEGRD | 4.80E-04 | 4.75E-04 | 4. | | | | | | | |

Project Ground Level Concentrations-2<16

| | | | | 2<16 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167471.785083924390 | 167471.79 | 3908570.36 | FENCEGRD | 7.10E-05 | 6.83E-05 | 6.54E-05 | 6.31E-05 | 3.96E-06 | 1.46E-05 | 1.11E-06 | 1.09E-06 | 1.07E-06 | 1.04E-06 |
| 167547.423494683908 | 167547.42 | 3908422.47 | FENCEGRD | 7.89E-05 | 7.77E-05 | 7.65E-05 | 7.57E-05 | 4.90E-06 | 1.99E-05 | 1.51E-06 | 1.49E-06 | 1.48E-06 | 1.46E-06 |
| 167571.638134454390 | 167571.64 | 3908424.76 | FENCEGRD | 8.61E-05 | 8.49E-05 | 8.39E-05 | 8.31E-05 | 5.34E-06 | 2.24E-05 | 1.65E-06 | 1.63E-06 | 1.62E-06 | 1.60E-06 |
| 167595.852774228390 | 167595.85 | 3908427.04 | FENCEGRD | 9.36E-05 | 9.24E-05 | 9.14E-05 | 9.09E-05 | 5.77E-06 | 2.52E-05 | 1.81E-06 | 1.79E-06 | 1.77E-06 | 1.76E-06 |
| 167620.067414003390 | 167620.07 | 3908429.33 | FENCEGRD | 1.01E-04 | 1.00E-04 | 9.91E-05 | 9.83E-05 | 6.22E-06 | 2.85E-05 | 1.99E-06 | 1.97E-06 | 1.95E-06 | 1.93E-06 |
| 167644.282053777390 | 167644.28 | 3908431.62 | FENCEGRD | 1.11E-04 | 1.09E-04 | 1.08E-04 | 1.05E-04 | 6.75E-06 | 3.22E-05 | 2.20E-06 | 2.18E-06 | 2.15E-06 | 2.12E-06 |
| 167668.496693551390 | 167668.50 | 3908433.91 | FENCEGRD | 1.22E-04 | 1.19E-04 | 1.16E-04 | 1.13E-04 | 7.33E-06 | 3.66E-05 | 2.45E-06 | 2.42E-06 | 2.37E-06 | 2.33E-06 |
| 167692.711333325390 | 167692.71 | 3908436.20 | FENCEGRD | 1.35E-04 | 1.31E-04 | 1.26E-04 | 1.21E-04 | 7.97E-06 | 4.18E-05 | 2.72E-06 | 2.67E-06 | 2.61E-06 | 2.55E-06 |
| 167716.925973139084 | 167716.93 | 3908438.49 | FENCEGRD | 1.49E-04 | 1.44E-04 | 1.37E-04 | 1.32E-04 | 8.68E-06 | 4.78E-05 | 3.02E-06 | 2.96E-06 | 2.89E-06 | 2.82E-06 |
| 167741.140612874390 | 167741.14 | 3908440.78 | FENCEGRD | 1.63E-04 | 1.58E-04 | 1.51E-04 | 1.45E-04 | 9.49E-06 | 5.44E-05 | 3.36E-06 | 3.29E-06 | 3.21E-06 | 3.14E-06 |
| 167765.355252648390 | 167765.36 | 3908443.07 | FENCEGRD | 1.75E-04 | 1.71E-04 | 1.66E-04 | 1.61E-04 | 1.05E-05 | 6.08E-05 | 3.70E-06 | 3.65E-06 | 3.59E-06 | 3.53E-06 |
| 167789.569892423390 | 167789.57 | 3908445.35 | FENCEGRD | 1.87E-04 | 1.82E-04 | 1.77E-04 | 1.73E-04 | 1.15E-05 | 6.69E-05 | 3.95E-06 | 3.90E-06 | 3.83E-06 | 3.78E-06 |
| 167813.784532197390 | 167813.78 | 3908447.64 | FENCEGRD | 2.01E-04 | 1.96E-04 | 1.90E-04 | 1.86E-04 | 1.22E-05 | 7.50E-05 | 4.26E-06 | 4.20E-06 | 4.14E-06 | 4.08E-06 |
| 167837.999171971390 | 167838.00 | 3908449.93 | FENCEGRD | 2.16E-04 | 2.11E-04 | 2.05E-04 | 2.00E-04 | 1.29E-05 | 8.38E-05 | 4.58E-06 | 4.52E-06 | 4.45E-06 | 4.39E-06 |
| 167862.213811746390 | 167862.21 | 3908452.22 | FENCEGRD | 2.34E-04 | 2.28E-04 | 2.22E-04 | 2.17E-04 | 1.39E-05 | 9.46E-05 | 4.98E-06 | 4.92E-06 | 4.85E-06 | 4.79E-06 |
| 167886.428451523908 | 167886.43 | 3908454.51 | FENCEGRD | 2.50E-04 | 2.45E-04 | 2.39E-04 | 2.34E-04 | 1.48E-05 | 1.06E-04 | 5.38E-06 | 5.32E-06 | 5.25E-06 | 5.19E-06 |
| 167910.643091294390 | 167910.64 | 3908456.80 | FENCEGRD | 2.66E-04 | 2.60E-04 | 2.55E-04 | 2.50E-04 | 1.57E-05 | 1.16E-04 | 5.74E-06 | 5.69E-06 | 5.62E-06 | 5.57E-06 |
| 167934.857731068390 | 167934.86 | 3908459.09 | FENCEGRD | 2.80E-04 | 2.75E-04 | 2.70E-04 | 2.65E-04 | 1.65E-05 | 1.27E-04 | 6.10E-06 | 6.05E-06 | 5.99E-06 | 5.93E-06 |
| 167959.072370843390 | 167959.07 | 3908461.38 | FENCEGRD | 2.95E-04 | 2.90E-04 | 2.86E-04 | 2.82E-04 | 1.76E-05 | 1.39E-04 | 6.53E-06 | 6.49E-06 | 6.44E-06 | 6.39E-06 |
| 167983.287010617390 | 167983.29 | 3908463.66 | FENCEGRD | 3.09E-04 | 3.05E-04 | 3.00E-04 | 2.95E-04 | 1.80E-05 | 1.51E-04 | 6.97E-06 | 6.94E-06 | 6.88E-06 | 6.81E-06 |
| 168007.501650391390 | 168007.50 | 3908465.95 | FENCEGRD | 3.19E-04 | 3.12E-04 | 3.05E-04 | 2.99E-04 | 1.81E-05 | 1.64E-04 | 7.16E-06 | 7.06E-06 | 6.98E-06 | 6.89E-06 |
| 168031.716290166390 | 168031.72 | 3908468.24 | FENCEGRD | 3.21E-04 | 3.14E-04 | 3.07E-04 | 3.01E-04 | 1.81E-05 | 1.66E-04 | 7.19E-06 | 7.10E-06 | 7.02E-06 | 6.94E-06 |
| 168055.930929943908 | 168055.93 | 3908470.53 | FENCEGRD | 3.26E-04 | 3.20E-04 | 3.13E-04 | 3.07E-04 | 1.85E-05 | 1.72E-04 | 7.37E-06 | 7.28E-06 | 7.19E-06 | 7.11E-06 |
| 168080.145569714390 | 168080.15 | 3908472.82 | FENCEGRD | 3.32E-04 | 3.26E-04 | 3.19E-04 | 3.13E-04 | 1.90E-05 | 1.78E-04 | 7.57E-06 | 7.48E-06 | 7.39E-06 | 7.31E-06 |
| 168104.360209489390 | 168104.36 | 3908475.11 | FENCEGRD | 3.38E-04 | 3.32E-04 | 3.25E-04 | 3.19E-04 | 1.95E-05 | 1.85E-04 | 7.80E-06 | 7.71E-06 | 7.62E-06 | 7.53E-06 |
| 168132.673469126390 | 168132.67 | 3908501.37 | FENCEGRD | 3.74E-04 | 3.68E-04 | 3.61E-04 | 3.55E-04 | 2.16E-05 | 2.10E-04 | 8.77E-06 | 8.67E-06 | 8.57E-06 | 8.48E-06 |
| 168136.772088993908 | 168136.77 | 3908525.35 | FENCEGRD | 4.01E-04 | 3.96E-04 | 3.89E-04 | 3.82E-04 | 2.30E-05 | 2.21E-04 | 9.42E-06 | 9.31E-06 | 9.21E-06 | 9.11E-06 |
| 168140.870708853390 | 168140.87 | 3908549.32 | FENCEGRD | 4.26E-04 | 4.22E-04 | 4.17E-04 | 4.10E-04 | 2.45E-05 | 2.29E-04 | 1.00E-05 | 9.95E-06 | 9.86E-06 | 9.76E-06 |
| 168144.969328717390 | 168144.97 | 3908573.30 | FENCEGRD | 4.51E-04 | 4.48E-04 | 4.41E-04 | 4.35E-04 | 2.57E-05 | 2.38E-04 | 1.06E-05 | 1.05E-05 | 1.04E-05 | 1.03E-05 |
| 168149.067948583908 | 168149.07 | 3908597.27 | FENCEGRD | 4.75E-04 | 4.73E-04 | 4.70E-04 | 4.66E-04 | 2.75E-05 | 2.38E-04 | 1.11E-05 | 1.11E-05 | 1.10E-05 | 1.10E-05 |
| 168153.166568444390 | 168153.17 | 3908621.24 | FENCEGRD | 4.94E-04 | 4.93E-04 | 4.92E-04 | 4.91E-04 | 2.91E-05 | 2.31E-04 | 1.13E-05 | 1.12E-05 | 1.12E-05 | 1.12E-05 |
| 168157.265188307390 | 168157.27 | 3908645.22 | FENCEGRD | 5.11E-04 | 5.12E-04 | 5.13E-04 | 5.13E-04 | 3.00E-05 | 2.26E-04 | 1.15E-05 | 1.15E-05 | 1.15E-05 | 1.15E-05 |
| 168161.363808171390 | 168161.36 | 3908669.19 | FENCEGRD | 5.26E-04 | 5.29E-04 | 5.33E-04 | 5.34E-04 | 3.13E-05 | 2.20E-04 | 1.19E-05 | 1.19E-05 | 1.19E-05 | 1.20E-05 |
| 168165.462428034390 | 168165.46 | 3908693.17 | FENCEGRD | 5.32E-04 | 5.38E-04 | 5.43E-04 | 5.47E-04 | 3.20E-05 | 2.07E-04 | 1.20E-05 | 1.20E-05 | 1.21E-05 | 1.21E-05 |
| 168169.561047897390 | 168169.56 | 3908717.14 | FENCEGRD | 5.31E-04 | 5.38E-04 | 5.47E-04 | 5.53E-04 | 3.26E-05 | 1.93E-04 | 1.19E-05 | 1.20E-05 | 1.21E-05 | 1.21E-05 |
| 168173.659667761390 | 168173.66 | 3908741.12 | FENCEGRD | 5.22E-04 | 5.32E-04 | 5.43E-04 | 5.51E-04 | 3.30E-05 | 1.78E-04 | 1.18E-05 | 1.19E-05 | 1.20E-05 | 1.20E-05 |
| 168177.758287624390 | 168177.76 | 3908765.09 | FENCEGRD | 5.16E-04 | 5.27E-04 | 5.40E-04 | 5.51E-04 | 3.37E-05 | 1.65E-04 | 1.17E-05 | 1.18E-05 | 1.19E-05 | 1.20E-05 |
| 168181.856907488390 | 168181.86 | 3908789.07 | FENCEGRD | 5.09E-04 | 5.22E-04 | 5.36E-04 | 5.48E-04 | 3.45E-05 | 1.54E-04 | 1.16E-05 | 1.18E-05 | 1.19E-05 | 1.20E-05 |
| 168185.955527351390 | 168185.96 | 3908813.04 | FENCEGRD | 4.90E-04 | 5.04E-04 | 5.20E-04 | 5.34E-04 | 3.46E-05 | 1.41E-04 | 1.13E-05 | 1.14E-05 | 1.16E-05 | 1.17E-05 |
| 168190.054147215390 | 168190.05 | 3908837.02 | FENCEGRD | 4.61E-04 | 4.76E-04 | 4.94E-04 | 5.09E-04 | 3.42E-05 | 1.28E-04 | 1.08E-05 | 1.10E-05 | 1.11E-05 | 1.12E-05 |
| 168194.152767078390 | 168194.15 | 3908860.99 | FENCEGRD | 4.27E-04 | 4.43E-04 | 4.62E-04 | 4.78E-04 | 3.36E-05 | 1.15E-04 | 1.02E-05 | 1.04E-05 | 1.05E-05 | 1.07E-05 |
| 168198.251386942390 | 168198.25 | 3908884.97 | FENCEGRD | 3.91E-04 | 4.07E-04 | 4.26E-04 | 4.43E-04 | 3.30E-05 | 1.04E-04 | 9.59E-06 | 9.75E-06 | 9.92E-06 | 1.01E-05 |
| 168202.350006805390 | 168202.35 | 3908908.94 | FENCEGRD | 3.44E-04 | 3.60E-04 | 3.78E-04 | 3.94E-04 | 3.15E-05 | 9.30E-05 | 8.71E-06 | 8.87E-06 | 9.04E-06 | 9.20E-06 |
| 168206.448626668390 | 168206.45 | 3908932.92 | FENCEGRD | 3.02E-04 | 3.15E-04 | 3.31E-04 | 3.46E-04 | 2.99E-05 | 8.31E-05 | 7.84E-06 | 7.99E-06 | 8.14E-06 | 8.29E-06 |
| 168210.547246532390 | 168210.55 | 3908956.89 | FENCEGRD | 2.67E-04 | 2.79E-04 | 2.92E-04 | 3.05E-04 | 2.82E-05 | 7.48E-05 | 7.03E-06 | 7.17E-06 | 7.30E-06 | 7.44E-06 |
| 168214.645866395390 | 168214.65 | 3908980.87 | FENCEGRD | 2.41E-04 | 2.51E-04 | 2.62E-04 | 2.73E-04 | 2.65E-05 | 6.77E-05 | 6.33E-06 | 6.44E-06 | 6.56E-06 | 6.68E-06 |
| 168218.744486259390 | 168218.74 | 3909004.84 | FENCEGRD | 2.16E-04 | 2.25E-04 | 2.34E-04 | 2.43E-04 | 2.44E-05 | 6.14E-05 | 5.69E-06 | 5.79E-06 | 5.88E-06 | 5.98E-06 |
| 168222.843106122390 | 168222.84 | 3909028.82 | FENCEGRD | 1.93E-04 | 2.00E-04 | 2.09E-04 | 2.17E-04 | 2.23E-05 | 5.59E-05 | 5.15E-06 | 5.23E-06 | 5.31E-06 | 5.39E-06 |
| 168226.941725986390 | 168226.94 | 3909052.79 | FENCEGRD | 1.70E-04 | 1.76E-04 | 1.84E-04 | 1.92E-04 | 2.02E-05 | 5.12E-05 | 4.68E-06 | 4.75E-06 | 4.82E-06 | 4.89E-06 |
| 167523.208854905390 | 167523.21 | 3908420.18 | FENCEGRD | 7.20E-05 | 7.07E-05 | 6.95E-05 | 6.87E-05 | 4.54E-06 | 1.78E-05 | 1.38E-06 | 1.36E-06 | 1.34E-06 | 1.33E-06 |
| 167502.310854905390 | 167502.31 | 3908433.26 | FENCEGRD | 7.01E-05 | 6.90E-05 | 6.79E-05 | 6.72E-05 | 4.50E-06 | 1.67E-05 | 1.32E-06 | 1.31E-06 | 1.29E-06 | 1.27E-06 |
| 167481.412854905390 | 167481.41 | 3908446.35 | FENCEGRD | 6.87E-05 | 6.78E-05 | 6.71E-05 | 6.62E-05 | 4.27E-06 | 1.59E-05 | 1.26E-06 | 1.25E-06 | 1.23E-06 | 1.22E-06 |
| 167460.514854905390 | 167460.51 | 3908459.43 | FENCEGRD | 6.79E-05 | 6.62E-05 | 6.39E-05 | 6.18E-05 | 3.96E-06 | 1.51E-05 | 1.17E-06 | 1.15E-06 | 1.13E-06 | 1.11E-06 |
| 167439.616854905390 | 167439.62 | 3908472.51 | FENCEGRD | 6.40E-05 | 6.18E-05 | 5.95E-05 | 5.76E-05 | 3.66E-06 | 1.42E-05 | 1.06E-06 | 1.04E-06 | 1.02E-06 | 9.96E-07 |
| 167418.718854905390 | 167418.72 | 3908485.60 | FENCEGRD | 5.96E-05 | 5.77E-05 | 5.55E-05 | 5.38E-05 | 3.36E-06 | 1.32E-05 | 9.52E-07 | 9.34E-07 | 9.16E-07 | 9.00E-07 |
| 167494.357265661390 | 167494.36 | 3908337.71 | FENCEGRD | 4.68E-05 | 4.59E-05 | 4.50E-05 | 4.42E-05 | 3.31E-06 | 1.35E-05 | 1.01E-06 | 9.96E-07 | 9.82E-07 | 9.69E-07 |
| 167518.571905435390 | 167518.57 | 3908340.00 | FENCEGRD | 5.21E-05 | 5.12E-05 | 5.02E-05 | 4.94E-05 | 3.54E-06 | 1.50E-05 | 1.11E-06 | 1.09E-06 | 1.08E-06 | 1.07E-06 |
| 167542.786545209390 | 167542.79 | 3908342.29 | FENCEGRD | 5.76E-05 | 5.66E-05 | 5.56E-05 | 5.48E-05 | 3.80E-06 | 1.67E-05 | 1.20E-06 | 1.19E-06 | 1.18E-06 | 1.17E-06 |
| 167567.001184984390 | 167567.00 | 3908344.57 | FENCEGRD | 6.27E-05 | 6.18E-05 | 6.08E-05 | 6.01E-05 | 4.09E-06 | 1.85E-05 | 1.30E-06 | 1.29E-06 | 1.27E-06 | 1.26E-06 |
| 167591.215824758390 | 167591.22 | 3908346.86 | FENCEGRD | 6.75E-05 | 6.66E-05 | 6.56E-05 | 6.49E-05 | 4.42E-06 | 2.05E-05 | 1.40E-06 | 1.39E-06 | 1.37E-06 | 1.36E-06 |
| 167615.430464532390 | 167615.43 | 3908349.15 | FENCEGRD | 7.24E-05 | 7.13E-05 | 7.03E-05 | 6.95E-05 | 4.79E-06 | 2.27E-05 | 1.51E-06 | 1.50E-06 | 1.48E-06 | 1.47E-06 |
| 167639.645104307390 | 167639.65 | 3908351.44 | FENCEGRD | 7.77E-05 | 7.63E-05 | 7. | | | | | | | |

Project Ground Level Concentrations-2<16

| | | | | 2<16 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168200.680438979390 | 168200.68 | 3908428.06 | FENCEGRD | 3.20E-04 | 3.16E-04 | 3.11E-04 | 3.06E-04 | 1.99E-05 | 1.85E-04 | 7.98E-06 | 7.89E-06 | 7.82E-06 | 7.74E-06 |
| 168204.779058843390 | 168204.78 | 3908452.03 | FENCEGRD | 3.40E-04 | 3.36E-04 | 3.31E-04 | 3.26E-04 | 2.10E-05 | 1.94E-04 | 8.47E-06 | 8.38E-06 | 8.30E-06 | 8.22E-06 |
| 168208.877678706390 | 168208.88 | 3908476.01 | FENCEGRD | 3.59E-04 | 3.56E-04 | 3.51E-04 | 3.46E-04 | 2.22E-05 | 2.01E-04 | 8.95E-06 | 8.89E-06 | 8.81E-06 | 8.73E-06 |
| 168212.976298573908 | 168212.98 | 3908499.98 | FENCEGRD | 3.78E-04 | 3.75E-04 | 3.72E-04 | 3.69E-04 | 2.36E-05 | 2.06E-04 | 9.39E-06 | 9.37E-06 | 9.33E-06 | 9.27E-06 |
| 168217.074918433390 | 168217.07 | 3908523.96 | FENCEGRD | 3.96E-04 | 3.94E-04 | 3.92E-04 | 3.89E-04 | 2.51E-05 | 2.06E-04 | 9.63E-06 | 9.62E-06 | 9.59E-06 | 9.57E-06 |
| 168221.173538297390 | 168221.17 | 3908547.93 | FENCEGRD | 4.11E-04 | 4.10E-04 | 4.09E-04 | 4.08E-04 | 2.57E-05 | 2.05E-04 | 9.84E-06 | 9.83E-06 | 9.81E-06 | 9.79E-06 |
| 168225.272158163908 | 168225.27 | 3908571.90 | FENCEGRD | 4.27E-04 | 4.27E-04 | 4.27E-04 | 4.26E-04 | 2.66E-05 | 2.04E-04 | 1.02E-05 | 1.02E-05 | 1.01E-05 | 1.01E-05 |
| 168229.370778023390 | 168229.37 | 3908595.88 | FENCEGRD | 4.41E-04 | 4.42E-04 | 4.44E-04 | 4.44E-04 | 2.79E-05 | 2.03E-04 | 1.05E-05 | 1.05E-05 | 1.05E-05 | 1.05E-05 |
| 168233.469397887390 | 168233.47 | 3908619.85 | FENCEGRD | 4.53E-04 | 4.56E-04 | 4.59E-04 | 4.60E-04 | 2.91E-05 | 2.00E-04 | 1.08E-05 | 1.09E-05 | 1.09E-05 | 1.09E-05 |
| 168237.568017753908 | 168237.57 | 3908643.83 | FENCEGRD | 4.61E-04 | 4.65E-04 | 4.70E-04 | 4.73E-04 | 3.02E-05 | 1.94E-04 | 1.11E-05 | 1.11E-05 | 1.12E-05 | 1.12E-05 |
| 168241.666637614390 | 168241.67 | 3908667.80 | FENCEGRD | 4.65E-04 | 4.70E-04 | 4.77E-04 | 4.81E-04 | 3.10E-05 | 1.86E-04 | 1.12E-05 | 1.12E-05 | 1.13E-05 | 1.14E-05 |
| 168245.765257477390 | 168245.77 | 3908691.78 | FENCEGRD | 4.65E-04 | 4.72E-04 | 4.80E-04 | 4.86E-04 | 3.17E-05 | 1.76E-04 | 1.12E-05 | 1.13E-05 | 1.13E-05 | 1.14E-05 |
| 168249.863877341390 | 168249.86 | 3908715.75 | FENCEGRD | 4.60E-04 | 4.68E-04 | 4.78E-04 | 4.85E-04 | 3.21E-05 | 1.64E-04 | 1.11E-05 | 1.12E-05 | 1.12E-05 | 1.13E-05 |
| 168253.962497204390 | 168253.96 | 3908739.73 | FENCEGRD | 4.46E-04 | 4.56E-04 | 4.67E-04 | 4.76E-04 | 3.18E-05 | 1.50E-04 | 1.07E-05 | 1.08E-05 | 1.09E-05 | 1.10E-05 |
| 168258.061117067390 | 168258.06 | 3908763.70 | FENCEGRD | 4.21E-04 | 4.31E-04 | 4.43E-04 | 4.53E-04 | 3.09E-05 | 1.35E-04 | 1.01E-05 | 1.02E-05 | 1.03E-05 | 1.04E-05 |
| 168262.159736931390 | 168262.16 | 3908787.68 | FENCEGRD | 3.97E-04 | 4.08E-04 | 4.21E-04 | 4.32E-04 | 3.03E-05 | 1.23E-04 | 9.69E-06 | 9.80E-06 | 9.91E-06 | 1.00E-05 |
| 168266.258356794390 | 168266.26 | 3908811.65 | FENCEGRD | 3.71E-04 | 3.83E-04 | 3.97E-04 | 4.09E-04 | 2.97E-05 | 1.12E-04 | 9.23E-06 | 9.35E-06 | 9.47E-06 | 9.58E-06 |
| 168270.356976658390 | 168270.36 | 3908835.63 | FENCEGRD | 3.39E-04 | 3.52E-04 | 3.66E-04 | 3.79E-04 | 2.88E-05 | 1.02E-04 | 8.66E-06 | 8.79E-06 | 8.92E-06 | 9.04E-06 |
| 168274.455596521390 | 168274.46 | 3908859.60 | FENCEGRD | 3.06E-04 | 3.18E-04 | 3.33E-04 | 3.46E-04 | 2.79E-05 | 9.22E-05 | 8.05E-06 | 8.18E-06 | 8.31E-06 | 8.44E-06 |
| 168278.554216385390 | 168278.55 | 3908883.58 | FENCEGRD | 2.78E-04 | 2.90E-04 | 3.03E-04 | 3.16E-04 | 2.70E-05 | 8.38E-05 | 7.45E-06 | 7.58E-06 | 7.71E-06 | 7.84E-06 |
| 168282.652836248390 | 168282.65 | 3908907.55 | FENCEGRD | 2.51E-04 | 2.62E-04 | 2.74E-04 | 2.86E-04 | 2.59E-05 | 7.61E-05 | 6.82E-06 | 6.94E-06 | 7.07E-06 | 7.19E-06 |
| 168286.751456111390 | 168286.75 | 3908931.53 | FENCEGRD | 2.24E-04 | 2.33E-04 | 2.44E-04 | 2.54E-04 | 2.45E-05 | 6.89E-05 | 6.17E-06 | 6.28E-06 | 6.39E-06 | 6.50E-06 |
| 168290.850075975390 | 168290.85 | 3908955.50 | FENCEGRD | 2.01E-04 | 2.08E-04 | 2.17E-04 | 2.25E-04 | 2.28E-05 | 6.25E-05 | 5.57E-06 | 5.66E-06 | 5.75E-06 | 5.85E-06 |
| 168294.948695838390 | 168294.95 | 3908979.48 | FENCEGRD | 1.82E-04 | 1.88E-04 | 1.96E-04 | 2.03E-04 | 2.11E-05 | 5.70E-05 | 5.05E-06 | 5.13E-06 | 5.21E-06 | 5.29E-06 |
| 168299.047315702390 | 168299.05 | 3909003.45 | FENCEGRD | 1.63E-04 | 1.68E-04 | 1.75E-04 | 1.81E-04 | 1.93E-05 | 5.19E-05 | 4.59E-06 | 4.66E-06 | 4.72E-06 | 4.79E-06 |
| 168303.145935565390 | 168303.15 | 3909027.42 | FENCEGRD | 1.45E-04 | 1.51E-04 | 1.57E-04 | 1.63E-04 | 1.76E-05 | 4.77E-05 | 4.22E-06 | 4.28E-06 | 4.34E-06 | 4.40E-06 |
| 168307.244555429390 | 168307.24 | 3909051.40 | FENCEGRD | 1.29E-04 | 1.34E-04 | 1.40E-04 | 1.46E-04 | 1.60E-05 | 4.40E-05 | 3.89E-06 | 3.94E-06 | 4.00E-06 | 4.05E-06 |
| 168311.343175292390 | 168311.34 | 3909075.37 | FENCEGRD | 1.15E-04 | 1.20E-04 | 1.25E-04 | 1.30E-04 | 1.47E-05 | 4.08E-05 | 3.57E-06 | 3.62E-06 | 3.68E-06 | 3.73E-06 |
| 168315.441795156390 | 168315.44 | 3909099.35 | FENCEGRD | 1.03E-04 | 1.07E-04 | 1.12E-04 | 1.16E-04 | 1.36E-05 | 3.79E-05 | 3.26E-06 | 3.30E-06 | 3.35E-06 | 3.40E-06 |
| 167470.142625886390 | 167470.14 | 3908335.42 | FENCEGRD | 4.25E-05 | 4.17E-05 | 4.08E-05 | 4.02E-05 | 3.11E-06 | 1.22E-05 | 9.18E-07 | 9.06E-07 | 8.93E-07 | 8.81E-07 |
| 167449.244625886390 | 167449.24 | 3908348.50 | FENCEGRD | 4.15E-05 | 4.08E-05 | 4.01E-05 | 3.95E-05 | 3.03E-06 | 1.15E-05 | 8.67E-07 | 8.57E-07 | 8.44E-07 | 8.34E-07 |
| 167428.346625886390 | 167428.35 | 3908361.59 | FENCEGRD | 4.04E-05 | 3.98E-05 | 3.91E-05 | 3.87E-05 | 2.92E-06 | 1.08E-05 | 8.16E-07 | 8.06E-07 | 7.96E-07 | 7.87E-07 |
| 167407.448625886390 | 167407.45 | 3908374.67 | FENCEGRD | 3.97E-05 | 3.92E-05 | 3.86E-05 | 3.82E-05 | 2.81E-06 | 1.03E-05 | 7.73E-07 | 7.66E-07 | 7.56E-07 | 7.48E-07 |
| 167386.550625886390 | 167386.55 | 3908387.76 | FENCEGRD | 3.90E-05 | 3.85E-05 | 3.80E-05 | 3.76E-05 | 2.70E-06 | 9.86E-06 | 7.36E-07 | 7.30E-07 | 7.21E-07 | 7.14E-07 |
| 167365.652625886390 | 167365.65 | 3908400.84 | FENCEGRD | 3.74E-05 | 3.70E-05 | 3.65E-05 | 3.62E-05 | 2.54E-06 | 9.45E-06 | 6.94E-07 | 6.87E-07 | 6.80E-07 | 6.73E-07 |
| 167441.291036642390 | 167441.29 | 3908252.95 | FENCEGRD | 3.08E-05 | 3.03E-05 | 2.99E-05 | 2.95E-05 | 2.53E-06 | 1.02E-05 | 7.44E-07 | 7.35E-07 | 7.25E-07 | 7.16E-07 |
| 167465.505676416390 | 167465.51 | 3908255.24 | FENCEGRD | 3.46E-05 | 3.40E-05 | 3.34E-05 | 3.29E-05 | 2.72E-06 | 1.13E-05 | 8.22E-07 | 8.12E-07 | 8.01E-07 | 7.90E-07 |
| 167489.720316193908 | 167489.72 | 3908257.53 | FENCEGRD | 3.91E-05 | 3.84E-05 | 3.76E-05 | 3.71E-05 | 2.92E-06 | 1.25E-05 | 9.04E-07 | 8.94E-07 | 8.82E-07 | 8.72E-07 |
| 167513.934955965390 | 167513.93 | 3908259.82 | FENCEGRD | 4.41E-05 | 4.35E-05 | 4.27E-05 | 4.21E-05 | 3.14E-06 | 1.39E-05 | 9.91E-07 | 9.81E-07 | 9.70E-07 | 9.59E-07 |
| 167538.149595739390 | 167538.15 | 3908262.11 | FENCEGRD | 4.97E-05 | 4.91E-05 | 4.83E-05 | 4.77E-05 | 3.41E-06 | 1.55E-05 | 1.08E-06 | 1.08E-06 | 1.06E-06 | 1.05E-06 |
| 167562.364235513390 | 167562.36 | 3908264.39 | FENCEGRD | 5.52E-05 | 5.46E-05 | 5.39E-05 | 5.33E-05 | 3.71E-06 | 1.73E-05 | 1.18E-06 | 1.17E-06 | 1.16E-06 | 1.15E-06 |
| 167586.578875288390 | 167586.58 | 3908266.68 | FENCEGRD | 6.03E-05 | 5.96E-05 | 5.89E-05 | 5.84E-05 | 4.04E-06 | 1.92E-05 | 1.29E-06 | 1.28E-06 | 1.26E-06 | 1.25E-06 |
| 167610.793515062390 | 167610.79 | 3908268.97 | FENCEGRD | 6.52E-05 | 6.44E-05 | 6.37E-05 | 6.31E-05 | 4.41E-06 | 2.13E-05 | 1.40E-06 | 1.38E-06 | 1.37E-06 | 1.36E-06 |
| 167635.008154836390 | 167635.01 | 3908271.26 | FENCEGRD | 7.02E-05 | 6.92E-05 | 6.83E-05 | 6.78E-05 | 4.80E-06 | 2.35E-05 | 1.52E-06 | 1.50E-06 | 1.49E-06 | 1.47E-06 |
| 167659.222794611390 | 167659.22 | 3908273.55 | FENCEGRD | 7.50E-05 | 7.38E-05 | 7.27E-05 | 7.19E-05 | 5.19E-06 | 2.57E-05 | 1.64E-06 | 1.63E-06 | 1.61E-06 | 1.59E-06 |
| 167683.437434385390 | 167683.44 | 3908275.84 | FENCEGRD | 8.10E-05 | 7.94E-05 | 7.81E-05 | 7.69E-05 | 5.63E-06 | 2.84E-05 | 1.79E-06 | 1.77E-06 | 1.75E-06 | 1.73E-06 |
| 167707.652074159390 | 167707.65 | 3908278.13 | FENCEGRD | 8.80E-05 | 8.62E-05 | 8.44E-05 | 8.30E-05 | 6.12E-06 | 3.14E-05 | 1.97E-06 | 1.94E-06 | 1.92E-06 | 1.89E-06 |
| 167731.866713934390 | 167731.87 | 3908280.41 | FENCEGRD | 9.61E-05 | 9.40E-05 | 9.18E-05 | 9.01E-05 | 6.65E-06 | 3.49E-05 | 2.16E-06 | 2.14E-06 | 2.11E-06 | 2.08E-06 |
| 167756.081353708390 | 167756.08 | 3908282.70 | FENCEGRD | 1.05E-04 | 1.03E-04 | 1.00E-04 | 9.83E-05 | 7.24E-06 | 3.89E-05 | 2.38E-06 | 2.35E-06 | 2.32E-06 | 2.29E-06 |
| 167780.295993482390 | 167780.30 | 3908284.99 | FENCEGRD | 1.16E-04 | 1.13E-04 | 1.10E-04 | 1.08E-04 | 7.90E-06 | 4.37E-05 | 2.64E-06 | 2.60E-06 | 2.57E-06 | 2.53E-06 |
| 167804.510633257390 | 167804.51 | 3908287.28 | FENCEGRD | 1.26E-04 | 1.23E-04 | 1.21E-04 | 1.18E-04 | 8.61E-06 | 4.92E-05 | 2.90E-06 | 2.87E-06 | 2.83E-06 | 2.80E-06 |
| 167828.725273031390 | 167828.73 | 3908289.57 | FENCEGRD | 1.37E-04 | 1.34E-04 | 1.31E-04 | 1.28E-04 | 9.27E-06 | 5.49E-05 | 3.17E-06 | 3.13E-06 | 3.09E-06 | 3.05E-06 |
| 167852.939912805390 | 167852.94 | 3908291.86 | FENCEGRD | 1.47E-04 | 1.44E-04 | 1.41E-04 | 1.38E-04 | 9.91E-06 | 6.09E-05 | 3.43E-06 | 3.39E-06 | 3.34E-06 | 3.30E-06 |
| 167877.154552583908 | 167877.15 | 3908294.15 | FENCEGRD | 1.58E-04 | 1.55E-04 | 1.51E-04 | 1.48E-04 | 1.06E-05 | 6.72E-05 | 3.69E-06 | 3.65E-06 | 3.60E-06 | 3.56E-06 |
| 167901.369192354390 | 167901.37 | 3908296.44 | FENCEGRD | 1.68E-04 | 1.65E-04 | 1.61E-04 | 1.58E-04 | 1.12E-05 | 7.39E-05 | 3.96E-06 | 3.91E-06 | 3.87E-06 | 3.83E-06 |
| 167925.583832128390 | 167925.58 | 3908298.72 | FENCEGRD | 1.79E-04 | 1.76E-04 | 1.72E-04 | 1.69E-04 | 1.19E-05 | 8.10E-05 | 4.23E-06 | 4.19E-06 | 4.14E-06 | 4.10E-06 |
| 167949.798471903390 | 167949.80 | 3908301.01 | FENCEGRD | 1.93E-04 | 1.89E-04 | 1.86E-04 | 1.82E-04 | 1.26E-05 | 9.10E-05 | 4.66E-06 | 4.62E-06 | 4.58E-06 | 4.53E-06 |
| 167974.013111677390 | 167974.01 | 3908303.30 | FENCEGRD | 2.01E-04 | 1.97E-04 | 1.91E-04 | 1.87E-04 | 1.26E-05 | 9.96E-05 | 4.80E-06 | 4.74E-06 | 4.67E-06 | 4.60E-06 |
| 167998.227751451390 | 167998.23 | 3908305.59 | FENCEGRD | 2.05E-04 | 2.00E-04 | 1.95E-04 | 1.91E-04 | 1.28E-05 | 1.02E-04 | 4.88E-06 | 4.82E-06 | 4.75E-06 | 4.69E-06 |
| 168022.442391225390 | 168022.44 | 3908307.88 | FENCEGRD | 2.09E-04 | 2.05E-04 | 2.00E-04 | 1.96E-04 | 1.31E-05 | 1.05E-04 | 5.00E-06 | 4.93E-06 | 4.87E-06 | 4.81E-06 |
| 168046.657031390833 | 168046.66 | 3908310.17 | FENCEGRD | 2.15E-04 | 2.11E-04 | 2.06E-04 | 2.02E-04 | 1.35E-05 | 1.10E-04 | 5.16E-06 | 5.10E-06 | 5.04E-06 | 4.99E-06 |
| 168070.871670774390 | 168070.87 | 3908312.46 | FENCEGRD | 2.21E-04 | 2.17E-04 | 2. | | | | | | | |

Project Ground Level Concentrations-2<16

| | | | | 2<16 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168330.166706784390 | 168330.17 | 3908714.36 | FENCEGRD | 3.64E-04 | 3.72E-04 | 3.82E-04 | 3.89E-04 | 2.78E-05 | 1.28E-04 | 9.11E-06 | 9.20E-06 | 9.28E-06 | 9.36E-06 |
| 168334.265326647390 | 168334.27 | 3908738.34 | FENCEGRD | 3.45E-04 | 3.53E-04 | 3.63E-04 | 3.72E-04 | 2.71E-05 | 1.17E-04 | 8.73E-06 | 8.81E-06 | 8.90E-06 | 8.99E-06 |
| 168338.363946511390 | 168338.36 | 3908762.31 | FENCEGRD | 3.14E-04 | 3.23E-04 | 3.34E-04 | 3.43E-04 | 2.60E-05 | 1.06E-04 | 8.20E-06 | 8.29E-06 | 8.38E-06 | 8.47E-06 |
| 168342.462566374390 | 168342.46 | 3908786.29 | FENCEGRD | 2.84E-04 | 2.94E-04 | 3.05E-04 | 3.14E-04 | 2.51E-05 | 9.70E-05 | 7.72E-06 | 7.82E-06 | 7.92E-06 | 8.02E-06 |
| 168346.561186237390 | 168346.56 | 3908810.26 | FENCEGRD | 2.62E-04 | 2.72E-04 | 2.83E-04 | 2.93E-04 | 2.45E-05 | 8.91E-05 | 7.30E-06 | 7.40E-06 | 7.51E-06 | 7.61E-06 |
| 168350.659806101390 | 168350.66 | 3908834.24 | FENCEGRD | 2.41E-04 | 2.51E-04 | 2.62E-04 | 2.71E-04 | 2.39E-05 | 8.18E-05 | 6.85E-06 | 6.95E-06 | 7.06E-06 | 7.17E-06 |
| 168354.758425964390 | 168354.76 | 3908858.21 | FENCEGRD | 2.21E-04 | 2.30E-04 | 2.40E-04 | 2.49E-04 | 2.31E-05 | 7.49E-05 | 6.36E-06 | 6.47E-06 | 6.57E-06 | 6.68E-06 |
| 168358.857045828390 | 168358.86 | 3908882.19 | FENCEGRD | 2.02E-04 | 2.10E-04 | 2.19E-04 | 2.28E-04 | 2.22E-05 | 6.87E-05 | 5.87E-06 | 5.97E-06 | 6.07E-06 | 6.17E-06 |
| 168362.955665691390 | 168362.96 | 3908906.16 | FENCEGRD | 1.87E-04 | 1.94E-04 | 2.02E-04 | 2.10E-04 | 2.12E-05 | 6.32E-05 | 5.41E-06 | 5.50E-06 | 5.59E-06 | 5.68E-06 |
| 168367.054285555390 | 168367.05 | 3908930.14 | FENCEGRD | 1.72E-04 | 1.78E-04 | 1.85E-04 | 1.92E-04 | 2.00E-05 | 5.79E-05 | 4.96E-06 | 5.04E-06 | 5.11E-06 | 5.19E-06 |
| 168371.152905418390 | 168371.15 | 3908954.11 | FENCEGRD | 1.57E-04 | 1.62E-04 | 1.68E-04 | 1.73E-04 | 1.85E-05 | 5.29E-05 | 4.52E-06 | 4.59E-06 | 4.65E-06 | 4.72E-06 |
| 168375.251525281390 | 168375.25 | 3908978.08 | FENCEGRD | 1.40E-04 | 1.45E-04 | 1.50E-04 | 1.55E-04 | 1.69E-05 | 4.83E-05 | 4.12E-06 | 4.18E-06 | 4.24E-06 | 4.29E-06 |
| 168379.350145145390 | 168379.35 | 3909002.06 | FENCEGRD | 1.26E-04 | 1.30E-04 | 1.35E-04 | 1.39E-04 | 1.54E-05 | 4.43E-05 | 3.80E-06 | 3.85E-06 | 3.90E-06 | 3.95E-06 |
| 168383.448765008390 | 168383.45 | 3909026.03 | FENCEGRD | 1.12E-04 | 1.16E-04 | 1.20E-04 | 1.25E-04 | 1.41E-05 | 4.08E-05 | 3.52E-06 | 3.56E-06 | 3.61E-06 | 3.66E-06 |
| 168387.547384872390 | 168387.55 | 3909050.01 | FENCEGRD | 9.86E-05 | 1.02E-04 | 1.07E-04 | 1.11E-04 | 1.29E-05 | 3.76E-05 | 3.25E-06 | 3.30E-06 | 3.34E-06 | 3.38E-06 |
| 168391.646004735390 | 168391.65 | 3909073.98 | FENCEGRD | 8.79E-05 | 9.10E-05 | 9.49E-05 | 9.84E-05 | 1.20E-05 | 3.49E-05 | 2.99E-06 | 3.03E-06 | 3.08E-06 | 3.12E-06 |
| 168395.744624599390 | 168395.74 | 3909097.96 | FENCEGRD | 7.95E-05 | 8.22E-05 | 8.54E-05 | 8.84E-05 | 1.11E-05 | 3.25E-05 | 2.73E-06 | 2.77E-06 | 2.81E-06 | 2.85E-06 |
| 168399.843244462390 | 168399.84 | 3909121.93 | FENCEGRD | 7.24E-05 | 7.47E-05 | 7.75E-05 | 8.01E-05 | 1.04E-05 | 3.03E-05 | 2.49E-06 | 2.52E-06 | 2.56E-06 | 2.59E-06 |
| 168403.941864325390 | 168403.94 | 3909145.91 | FENCEGRD | 6.57E-05 | 6.78E-05 | 7.02E-05 | 7.25E-05 | 9.72E-06 | 2.83E-05 | 2.27E-06 | 2.30E-06 | 2.32E-06 | 2.35E-06 |
| 167417.076396867390 | 167417.08 | 3908250.66 | FENCEGRD | 2.77E-05 | 2.74E-05 | 2.70E-05 | 2.68E-05 | 2.34E-06 | 9.29E-06 | 6.75E-07 | 6.67E-07 | 6.58E-07 | 6.51E-07 |
| 167396.178396867390 | 167396.18 | 3908263.75 | FENCEGRD | 2.64E-05 | 2.61E-05 | 2.58E-05 | 2.56E-05 | 2.21E-06 | 8.68E-06 | 6.31E-07 | 6.25E-07 | 6.17E-07 | 6.11E-07 |
| 167375.280396867390 | 167375.28 | 3908276.83 | FENCEGRD | 2.54E-05 | 2.51E-05 | 2.48E-05 | 2.46E-05 | 2.09E-06 | 8.17E-06 | 5.96E-07 | 5.91E-07 | 5.84E-07 | 5.78E-07 |
| 167354.382396867390 | 167354.38 | 3908289.91 | FENCEGRD | 2.45E-05 | 2.42E-05 | 2.39E-05 | 2.36E-05 | 1.97E-06 | 7.76E-06 | 5.66E-07 | 5.61E-07 | 5.55E-07 | 5.49E-07 |
| 167333.484396867390 | 167333.48 | 3908303.00 | FENCEGRD | 2.32E-05 | 2.29E-05 | 2.25E-05 | 2.23E-05 | 1.86E-06 | 7.39E-06 | 5.36E-07 | 5.30E-07 | 5.24E-07 | 5.18E-07 |
| 167312.586396867390 | 167312.59 | 3908316.08 | FENCEGRD | 2.17E-05 | 2.14E-05 | 2.11E-05 | 2.09E-05 | 1.76E-06 | 7.07E-06 | 5.03E-07 | 4.97E-07 | 4.91E-07 | 4.85E-07 |
| 167640.127983382390 | 167640.13 | 3908885.50 | FENCEGRD | 3.60E-04 | 3.26E-04 | 2.92E-04 | 2.68E-04 | 1.47E-05 | 1.11E-04 | 4.76E-06 | 4.53E-06 | 4.31E-06 | 4.12E-06 |
| 167628.894347019390 | 167628.89 | 3908906.15 | FENCEGRD | 3.36E-04 | 3.02E-04 | 2.70E-04 | 2.47E-04 | 1.45E-05 | 1.32E-04 | 4.50E-06 | 4.28E-06 | 4.06E-06 | 3.88E-06 |
| 167617.660710655390 | 167617.66 | 3908926.80 | FENCEGRD | 3.03E-04 | 2.71E-04 | 2.39E-04 | 2.18E-04 | 1.41E-05 | 1.53E-04 | 4.22E-06 | 4.01E-06 | 3.80E-06 | 3.63E-06 |
| 167618.166975073390 | 167618.17 | 3908873.55 | FENCEGRD | 2.66E-04 | 2.44E-04 | 2.22E-04 | 2.06E-04 | 1.20E-05 | 7.83E-05 | 3.59E-06 | 3.45E-06 | 3.30E-06 | 3.18E-06 |
| 167606.933338713908 | 167606.93 | 3908894.20 | FENCEGRD | 2.45E-04 | 2.24E-04 | 2.04E-04 | 1.89E-04 | 1.16E-05 | 9.33E-05 | 3.37E-06 | 3.23E-06 | 3.09E-06 | 2.97E-06 |
| 167595.699702346390 | 167595.70 | 3908914.85 | FENCEGRD | 2.16E-04 | 1.97E-04 | 1.78E-04 | 1.65E-04 | 1.12E-05 | 1.11E-04 | 3.13E-06 | 2.99E-06 | 2.86E-06 | 2.75E-06 |
| 167584.466065983390 | 167584.47 | 3908935.50 | FENCEGRD | 1.81E-04 | 1.64E-04 | 1.48E-04 | 1.38E-04 | 1.07E-05 | 1.28E-04 | 2.86E-06 | 2.73E-06 | 2.61E-06 | 2.50E-06 |
| 167573.232429619390 | 167573.23 | 3908956.15 | FENCEGRD | 1.42E-04 | 1.30E-04 | 1.19E-04 | 1.12E-04 | 1.02E-05 | 1.44E-04 | 2.56E-06 | 2.44E-06 | 2.32E-06 | 2.22E-06 |
| 167607.798568173908 | 167607.80 | 3908849.28 | FENCEGRD | 2.24E-04 | 2.08E-04 | 1.91E-04 | 1.79E-04 | 1.04E-05 | 5.48E-05 | 3.06E-06 | 2.95E-06 | 2.84E-06 | 2.75E-06 |
| 167584.972330401390 | 167584.97 | 3908882.26 | FENCEGRD | 1.87E-04 | 1.74E-04 | 1.59E-04 | 1.49E-04 | 9.46E-06 | 6.99E-05 | 2.63E-06 | 2.54E-06 | 2.44E-06 | 2.35E-06 |
| 167573.738694037390 | 167573.74 | 3908902.91 | FENCEGRD | 1.64E-04 | 1.52E-04 | 1.40E-04 | 1.31E-04 | 9.09E-06 | 8.39E-05 | 2.43E-06 | 2.33E-06 | 2.24E-06 | 2.15E-06 |
| 167562.505057674390 | 167562.51 | 3908923.56 | FENCEGRD | 1.37E-04 | 1.28E-04 | 1.19E-04 | 1.13E-04 | 8.69E-06 | 9.92E-05 | 2.19E-06 | 2.10E-06 | 2.01E-06 | 1.94E-06 |
| 167551.271421313908 | 167551.27 | 3908944.21 | FENCEGRD | 1.12E-04 | 1.06E-04 | 9.96E-05 | 9.58E-05 | 8.26E-06 | 1.14E-04 | 1.93E-06 | 1.85E-06 | 1.77E-06 | 1.70E-06 |
| 167540.037784946390 | 167540.04 | 3908964.86 | FENCEGRD | 9.08E-05 | 8.78E-05 | 8.48E-05 | 8.30E-05 | 7.79E-06 | 1.29E-04 | 1.65E-06 | 1.59E-06 | 1.53E-06 | 1.47E-06 |
| 167528.804148583390 | 167528.80 | 3908985.51 | FENCEGRD | 7.78E-05 | 7.72E-05 | 7.67E-05 | 7.65E-05 | 7.28E-06 | 1.43E-04 | 1.40E-06 | 1.35E-06 | 1.30E-06 | 1.26E-06 |
| 167517.570512219390 | 167517.57 | 3909006.16 | FENCEGRD | 7.33E-05 | 7.43E-05 | 7.54E-05 | 7.62E-05 | 6.71E-06 | 1.55E-04 | 1.20E-06 | 1.17E-06 | 1.14E-06 | 1.11E-06 |
| 167506.336875855390 | 167506.34 | 3909026.81 | FENCEGRD | 7.42E-05 | 7.61E-05 | 7.79E-05 | 7.91E-05 | 6.06E-06 | 1.66E-04 | 1.10E-06 | 1.08E-06 | 1.06E-06 | 1.04E-06 |
| 167495.103239492390 | 167495.10 | 3909047.46 | FENCEGRD | 7.84E-05 | 8.07E-05 | 8.30E-05 | 8.46E-05 | 5.36E-06 | 1.76E-04 | 1.10E-06 | 1.09E-06 | 1.07E-06 | 1.06E-06 |
| 167565.325626728390 | 167565.33 | 3908823.85 | FENCEGRD | 1.47E-04 | 1.38E-04 | 1.28E-04 | 1.21E-04 | 7.39E-06 | 3.48E-05 | 2.08E-06 | 2.01E-06 | 1.95E-06 | 1.89E-06 |
| 167541.050313783390 | 167541.05 | 3908858.36 | FENCEGRD | 1.20E-04 | 1.13E-04 | 1.06E-04 | 1.01E-04 | 6.70E-06 | 4.40E-05 | 1.71E-06 | 1.66E-06 | 1.60E-06 | 1.55E-06 |
| 167529.816677423908 | 167529.82 | 3908879.01 | FENCEGRD | 1.08E-04 | 1.03E-04 | 9.70E-05 | 9.28E-05 | 6.42E-06 | 5.29E-05 | 1.53E-06 | 1.49E-06 | 1.44E-06 | 1.39E-06 |
| 167518.583041056390 | 167518.58 | 3908899.66 | FENCEGRD | 9.65E-05 | 9.26E-05 | 8.83E-05 | 8.53E-05 | 6.10E-06 | 6.37E-05 | 1.36E-06 | 1.31E-06 | 1.27E-06 | 1.23E-06 |
| 167507.349404692390 | 167507.35 | 3908920.32 | FENCEGRD | 8.64E-05 | 8.40E-05 | 8.14E-05 | 7.95E-05 | 5.74E-06 | 7.57E-05 | 1.18E-06 | 1.15E-06 | 1.12E-06 | 1.08E-06 |
| 167496.115768329390 | 167496.12 | 3908940.97 | FENCEGRD | 7.95E-05 | 7.88E-05 | 7.79E-05 | 7.72E-05 | 5.32E-06 | 8.83E-05 | 1.03E-06 | 1.01E-06 | 9.83E-07 | 9.61E-07 |
| 167484.882131965390 | 167484.88 | 3908961.62 | FENCEGRD | 7.76E-05 | 7.80E-05 | 7.84E-05 | 7.85E-05 | 4.87E-06 | 1.01E-04 | 9.23E-07 | 9.09E-07 | 8.92E-07 | 8.79E-07 |
| 167473.648495601390 | 167473.65 | 3908982.27 | FENCEGRD | 7.96E-05 | 8.04E-05 | 8.13E-05 | 8.19E-05 | 4.40E-06 | 1.14E-04 | 8.73E-07 | 8.65E-07 | 8.55E-07 | 8.47E-07 |
| 167462.414859238390 | 167462.41 | 3909002.92 | FENCEGRD | 8.33E-05 | 8.42E-05 | 8.52E-05 | 8.59E-05 | 3.92E-06 | 1.27E-04 | 8.86E-07 | 8.79E-07 | 8.72E-07 | 8.66E-07 |
| 167451.181222874390 | 167451.18 | 3909023.57 | FENCEGRD | 8.94E-05 | 9.05E-05 | 9.17E-05 | 9.25E-05 | 3.47E-06 | 1.39E-04 | 9.55E-07 | 9.46E-07 | 9.39E-07 | 9.33E-07 |
| 167439.947586511390 | 167439.95 | 3909044.22 | FENCEGRD | 1.03E-04 | 1.04E-04 | 1.06E-04 | 1.06E-04 | 3.08E-06 | 1.50E-04 | 1.11E-06 | 1.09E-06 | 1.08E-06 | 1.07E-06 |
| 167522.273055216390 | 167522.27 | 3908799.03 | FENCEGRD | 1.03E-04 | 9.80E-05 | 9.27E-05 | 8.88E-05 | 5.63E-06 | 2.52E-05 | 1.46E-06 | 1.42E-06 | 1.37E-06 | 1.34E-06 |
| 167550.095298589390 | 167550.10 | 3908769.45 | FENCEGRD | 1.23E-04 | 1.17E-04 | 1.10E-04 | 1.05E-04 | 6.28E-06 | 2.43E-05 | 1.79E-06 | 1.74E-06 | 1.69E-06 | 1.64E-06 |
| 167497.128297166390 | 167497.13 | 3908834.47 | FENCEGRD | 8.73E-05 | 8.37E-05 | 7.98E-05 | 7.70E-05 | 5.03E-06 | 3.10E-05 | 1.17E-06 | 1.14E-06 | 1.11E-06 | 1.08E-06 |
| 167485.894660802390 | 167485.89 | 3908855.12 | FENCEGRD | 8.12E-05 | 7.82E-05 | 7.51E-05 | 7.27E-05 | 4.74E-06 | 3.69E-05 | 1.04E-06 | 1.02E-06 | 9.92E-07 | 9.68E-07 |
| 167474.661024438390 | 167474.66 | 3908875.77 | FENCEGRD | 7.64E-05 | 7.41E-05 | 7.18E-05 | 7.00E-05 | 4.42E-06 | 4.44E-05 | 9.31E-07 | 9.11E-07 | 8.89E-07 | 8.70E-07 |
| 167463.427388075390 | 167463.43 | 3908896.42 | FENCEGRD | 7.40E-05 | 7.25E-05 | 7.10E-05 | 6.97E-05 | 4.09E-06 | 5.34E-05 | 8.36E-07 | 8.22E-07 | 8.06E-07 | 7.93E-07 |
| 167452.193751711390 | 167452.19 | 3908917.07 | FENCEGRD | 7.47E-05 | 7.38E-05 | 7.28E-05 | 7.19E-05 | 3.75E-06 | 6.33E-05 | 7.70E-07 | 7.62E-07 | 7.52E-07 | 7.43E-07 |
| 167440.960115347390 | 167440.96 | 3908937.73 | FENCEGRD | 7.79E-05 | 7.73E-05 | 7. | | | | | | | |

Project Ground Level Concentrations-2<16

| | | | | 2<16 GLC (µg/m³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167398.050627566390 | 167398.05 | 3908807.34 | FENCEGRD | 5.73E-05 | 5.62E-05 | 5.51E-05 | 5.41E-05 | 2.72E-06 | 2.27E-05 | 6.23E-07 | 6.17E-07 | 6.09E-07 | 6.02E-07 |
| 167386.816991203390 | 167386.82 | 3908827.99 | FENCEGRD | 5.85E-05 | 5.76E-05 | 5.66E-05 | 5.58E-05 | 2.53E-06 | 2.65E-05 | 5.97E-07 | 5.93E-07 | 5.88E-07 | 5.84E-07 |
| 167375.583354839390 | 167375.58 | 3908848.64 | FENCEGRD | 6.09E-05 | 6.00E-05 | 5.91E-05 | 5.83E-05 | 2.35E-06 | 3.12E-05 | 5.93E-07 | 5.90E-07 | 5.87E-07 | 5.84E-07 |
| 167364.349718476390 | 167364.35 | 3908869.29 | FENCEGRD | 6.41E-05 | 6.32E-05 | 6.23E-05 | 6.14E-05 | 2.18E-06 | 3.69E-05 | 6.11E-07 | 6.08E-07 | 6.06E-07 | 6.04E-07 |
| 167353.116082112390 | 167353.12 | 3908889.94 | FENCEGRD | 6.75E-05 | 6.65E-05 | 6.55E-05 | 6.45E-05 | 2.02E-06 | 4.36E-05 | 6.46E-07 | 6.43E-07 | 6.41E-07 | 6.40E-07 |
| 167341.882445748390 | 167341.88 | 3908910.59 | FENCEGRD | 7.04E-05 | 6.93E-05 | 6.81E-05 | 6.70E-05 | 1.90E-06 | 5.07E-05 | 6.90E-07 | 6.87E-07 | 6.84E-07 | 6.82E-07 |
| 167330.648809385390 | 167330.65 | 3908931.24 | FENCEGRD | 7.35E-05 | 7.23E-05 | 7.10E-05 | 6.99E-05 | 1.83E-06 | 5.83E-05 | 7.38E-07 | 7.34E-07 | 7.31E-07 | 7.27E-07 |
| 167319.415173021390 | 167319.42 | 3908951.89 | FENCEGRD | 7.85E-05 | 7.71E-05 | 7.57E-05 | 7.44E-05 | 1.82E-06 | 6.62E-05 | 7.93E-07 | 7.88E-07 | 7.83E-07 | 7.79E-07 |
| 167308.181536657390 | 167308.18 | 3908972.54 | FENCEGRD | 8.67E-05 | 8.50E-05 | 8.33E-05 | 8.17E-05 | 1.86E-06 | 7.44E-05 | 8.68E-07 | 8.61E-07 | 8.55E-07 | 8.50E-07 |
| 167296.947900294390 | 167296.95 | 3908993.19 | FENCEGRD | 9.81E-05 | 9.59E-05 | 9.37E-05 | 9.18E-05 | 1.94E-06 | 8.28E-05 | 9.80E-07 | 9.70E-07 | 9.61E-07 | 9.54E-07 |
| 167348.130668932390 | 167348.13 | 3908701.82 | FENCEGRD | 4.62E-05 | 4.52E-05 | 4.41E-05 | 4.33E-05 | 2.21E-06 | 1.32E-05 | 5.44E-07 | 5.37E-07 | 5.31E-07 | 5.25E-07 |
| 167379.044272683908 | 167379.04 | 3908668.95 | FENCEGRD | 4.96E-05 | 4.82E-05 | 4.67E-05 | 4.55E-05 | 2.56E-06 | 1.21E-05 | 6.39E-07 | 6.29E-07 | 6.19E-07 | 6.09E-07 |
| 167394.501074554390 | 167394.50 | 3908652.52 | FENCEGRD | 5.20E-05 | 5.04E-05 | 4.87E-05 | 4.74E-05 | 2.75E-06 | 1.19E-05 | 6.98E-07 | 6.86E-07 | 6.73E-07 | 6.62E-07 |
| 167409.957876428390 | 167409.96 | 3908636.09 | FENCEGRD | 5.49E-05 | 5.32E-05 | 5.13E-05 | 4.98E-05 | 2.97E-06 | 1.19E-05 | 7.64E-07 | 7.51E-07 | 7.36E-07 | 7.23E-07 |
| 167440.871480176390 | 167440.87 | 3908603.22 | FENCEGRD | 6.23E-05 | 6.01E-05 | 5.78E-05 | 5.59E-05 | 3.46E-06 | 1.28E-05 | 9.21E-07 | 9.03E-07 | 8.85E-07 | 8.69E-07 |
| 167456.328282053908 | 167456.33 | 3908586.79 | FENCEGRD | 6.65E-05 | 6.41E-05 | 6.15E-05 | 5.94E-05 | 3.71E-06 | 1.36E-05 | 1.01E-06 | 9.92E-07 | 9.71E-07 | 9.52E-07 |
| 167332.673867058390 | 167332.67 | 3908718.25 | FENCEGRD | 4.57E-05 | 4.48E-05 | 4.39E-05 | 4.32E-05 | 2.04E-06 | 1.40E-05 | 5.12E-07 | 5.08E-07 | 5.03E-07 | 4.99E-07 |
| 167321.440230695390 | 167321.44 | 3908738.90 | FENCEGRD | 4.64E-05 | 4.56E-05 | 4.49E-05 | 4.42E-05 | 1.91E-06 | 1.54E-05 | 5.00E-07 | 4.96E-07 | 4.93E-07 | 4.90E-07 |
| 167310.206594331390 | 167310.21 | 3908759.55 | FENCEGRD | 4.77E-05 | 4.70E-05 | 4.63E-05 | 4.56E-05 | 1.79E-06 | 1.71E-05 | 5.00E-07 | 4.98E-07 | 4.96E-07 | 4.94E-07 |
| 167298.972957967390 | 167298.97 | 3908780.20 | FENCEGRD | 4.95E-05 | 4.88E-05 | 4.81E-05 | 4.74E-05 | 1.69E-06 | 1.92E-05 | 5.13E-07 | 5.11E-07 | 5.09E-07 | 5.08E-07 |
| 167287.739321604390 | 167287.74 | 3908800.85 | FENCEGRD | 5.16E-05 | 5.09E-05 | 5.01E-05 | 4.95E-05 | 1.60E-06 | 2.18E-05 | 5.36E-07 | 5.34E-07 | 5.33E-07 | 5.31E-07 |
| 167276.505685243908 | 167276.51 | 3908821.50 | FENCEGRD | 5.39E-05 | 5.31E-05 | 5.22E-05 | 5.15E-05 | 1.54E-06 | 2.49E-05 | 5.67E-07 | 5.64E-07 | 5.63E-07 | 5.61E-07 |
| 167265.272048877390 | 167265.27 | 3908842.15 | FENCEGRD | 5.58E-05 | 5.49E-05 | 5.40E-05 | 5.32E-05 | 1.51E-06 | 2.86E-05 | 6.01E-07 | 5.98E-07 | 5.96E-07 | 5.94E-07 |
| 167254.038412513390 | 167254.04 | 3908862.81 | FENCEGRD | 5.76E-05 | 5.66E-05 | 5.56E-05 | 5.47E-05 | 1.51E-06 | 3.29E-05 | 6.35E-07 | 6.32E-07 | 6.29E-07 | 6.27E-07 |
| 167242.804776149390 | 167242.80 | 3908883.46 | FENCEGRD | 5.97E-05 | 5.87E-05 | 5.77E-05 | 5.67E-05 | 1.55E-06 | 3.77E-05 | 6.69E-07 | 6.65E-07 | 6.62E-07 | 6.58E-07 |
| 167231.571139786390 | 167231.57 | 3908904.11 | FENCEGRD | 6.32E-05 | 6.21E-05 | 6.09E-05 | 5.99E-05 | 1.61E-06 | 4.31E-05 | 7.06E-07 | 7.01E-07 | 6.97E-07 | 6.94E-07 |
| 167220.337503422390 | 167220.34 | 3908924.76 | FENCEGRD | 6.84E-05 | 6.71E-05 | 6.58E-05 | 6.46E-05 | 1.70E-06 | 4.88E-05 | 7.55E-07 | 7.50E-07 | 7.45E-07 | 7.40E-07 |
| 167209.103867058390 | 167209.10 | 3908945.41 | FENCEGRD | 7.52E-05 | 7.36E-05 | 7.21E-05 | 7.07E-05 | 1.80E-06 | 5.47E-05 | 8.27E-07 | 8.20E-07 | 8.14E-07 | 8.09E-07 |
| 167260.637926649390 | 167260.64 | 3908653.66 | FENCEGRD | 3.97E-05 | 3.90E-05 | 3.82E-05 | 3.76E-05 | 1.60E-06 | 1.16E-05 | 4.50E-07 | 4.47E-07 | 4.45E-07 | 4.42E-07 |
| 167276.446019474390 | 167276.45 | 3908636.85 | FENCEGRD | 3.99E-05 | 3.91E-05 | 3.83E-05 | 3.76E-05 | 1.74E-06 | 1.11E-05 | 4.66E-07 | 4.62E-07 | 4.57E-07 | 4.54E-07 |
| 167292.254112339088 | 167292.25 | 3908620.05 | FENCEGRD | 4.08E-05 | 3.98E-05 | 3.88E-05 | 3.80E-05 | 1.89E-06 | 1.09E-05 | 4.93E-07 | 4.87E-07 | 4.82E-07 | 4.77E-07 |
| 167308.062205126390 | 167308.06 | 3908603.24 | FENCEGRD | 4.22E-05 | 4.11E-05 | 3.99E-05 | 3.90E-05 | 2.04E-06 | 1.07E-05 | 5.30E-07 | 5.23E-07 | 5.16E-07 | 5.09E-07 |
| 167323.870297951390 | 167323.87 | 3908586.43 | FENCEGRD | 4.41E-05 | 4.29E-05 | 4.15E-05 | 4.04E-05 | 2.20E-06 | 1.07E-05 | 5.75E-07 | 5.67E-07 | 5.58E-07 | 5.50E-07 |
| 167339.678390777390 | 167339.68 | 3908569.63 | FENCEGRD | 4.62E-05 | 4.48E-05 | 4.33E-05 | 4.21E-05 | 2.36E-06 | 1.08E-05 | 6.26E-07 | 6.16E-07 | 6.06E-07 | 5.96E-07 |
| 167355.486483603390 | 167355.49 | 3908552.82 | FENCEGRD | 4.83E-05 | 4.69E-05 | 4.52E-05 | 4.39E-05 | 2.52E-06 | 1.10E-05 | 6.81E-07 | 6.69E-07 | 6.57E-07 | 6.46E-07 |
| 167371.294576428390 | 167371.29 | 3908536.02 | FENCEGRD | 5.09E-05 | 4.93E-05 | 4.75E-05 | 4.61E-05 | 2.71E-06 | 1.14E-05 | 7.42E-07 | 7.29E-07 | 7.15E-07 | 7.03E-07 |
| 167387.102669254390 | 167387.10 | 3908519.21 | FENCEGRD | 5.37E-05 | 5.20E-05 | 5.01E-05 | 4.85E-05 | 2.91E-06 | 1.19E-05 | 8.08E-07 | 7.93E-07 | 7.78E-07 | 7.65E-07 |
| 167402.910762083908 | 167402.91 | 3908502.40 | FENCEGRD | 5.66E-05 | 5.48E-05 | 5.27E-05 | 5.11E-05 | 3.13E-06 | 1.25E-05 | 8.76E-07 | 8.60E-07 | 8.44E-07 | 8.29E-07 |
| 167244.829833823390 | 167244.83 | 3908670.46 | FENCEGRD | 3.99E-05 | 3.92E-05 | 3.85E-05 | 3.79E-05 | 1.49E-06 | 1.22E-05 | 4.47E-07 | 4.44E-07 | 4.42E-07 | 4.40E-07 |
| 167233.596197459390 | 167233.60 | 3908691.11 | FENCEGRD | 4.07E-05 | 4.00E-05 | 3.94E-05 | 3.88E-05 | 1.41E-06 | 1.31E-05 | 4.54E-07 | 4.52E-07 | 4.50E-07 | 4.49E-07 |
| 167222.362561096390 | 167222.36 | 3908711.77 | FENCEGRD | 4.17E-05 | 4.11E-05 | 4.04E-05 | 3.99E-05 | 1.35E-06 | 1.42E-05 | 4.68E-07 | 4.66E-07 | 4.64E-07 | 4.63E-07 |
| 167211.128924732390 | 167211.13 | 3908732.42 | FENCEGRD | 4.30E-05 | 4.24E-05 | 4.17E-05 | 4.11E-05 | 1.31E-06 | 1.56E-05 | 4.87E-07 | 4.85E-07 | 4.83E-07 | 4.82E-07 |
| 167199.895288368390 | 167199.90 | 3908753.07 | FENCEGRD | 4.44E-05 | 4.37E-05 | 4.30E-05 | 4.24E-05 | 1.29E-06 | 1.72E-05 | 5.10E-07 | 5.08E-07 | 5.06E-07 | 5.04E-07 |
| 167188.661652005390 | 167188.66 | 3908773.72 | FENCEGRD | 4.55E-05 | 4.48E-05 | 4.41E-05 | 4.34E-05 | 1.30E-06 | 1.90E-05 | 5.34E-07 | 5.32E-07 | 5.30E-07 | 5.28E-07 |
| 167177.428015641390 | 167177.43 | 3908794.37 | FENCEGRD | 4.64E-05 | 4.57E-05 | 4.49E-05 | 4.42E-05 | 1.33E-06 | 2.11E-05 | 5.58E-07 | 5.55E-07 | 5.53E-07 | 5.51E-07 |
| 167166.194379277390 | 167166.19 | 3908815.02 | FENCEGRD | 4.73E-05 | 4.66E-05 | 4.58E-05 | 4.51E-05 | 1.37E-06 | 2.36E-05 | 5.79E-07 | 5.76E-07 | 5.74E-07 | 5.71E-07 |
| 167154.960742914390 | 167154.96 | 3908835.67 | FENCEGRD | 4.87E-05 | 4.79E-05 | 4.71E-05 | 4.64E-05 | 1.44E-06 | 2.64E-05 | 6.00E-07 | 5.96E-07 | 5.93E-07 | 5.91E-07 |
| 167143.727106553908 | 167143.73 | 3908856.32 | FENCEGRD | 5.10E-05 | 5.02E-05 | 4.93E-05 | 4.85E-05 | 1.51E-06 | 2.96E-05 | 6.24E-07 | 6.21E-07 | 6.17E-07 | 6.14E-07 |
| 167132.493470187390 | 167132.49 | 3908876.97 | FENCEGRD | 5.46E-05 | 5.36E-05 | 5.26E-05 | 5.17E-05 | 1.59E-06 | 3.34E-05 | 6.60E-07 | 6.55E-07 | 6.51E-07 | 6.48E-07 |
| 167121.259833823390 | 167121.26 | 3908897.62 | FENCEGRD | 5.92E-05 | 5.80E-05 | 5.69E-05 | 5.59E-05 | 1.67E-06 | 3.76E-05 | 7.13E-07 | 7.08E-07 | 7.03E-07 | 6.99E-07 |
| 167173.037094841390 | 167173.04 | 3908605.61 | FENCEGRD | 3.67E-05 | 3.61E-05 | 3.54E-05 | 3.48E-05 | 1.30E-06 | 1.09E-05 | 4.34E-07 | 4.32E-07 | 4.29E-07 | 4.27E-07 |
| 167189.088389095390 | 167189.09 | 3908588.55 | FENCEGRD | 3.70E-05 | 3.63E-05 | 3.56E-05 | 3.50E-05 | 1.40E-06 | 1.07E-05 | 4.39E-07 | 4.35E-07 | 4.33E-07 | 4.30E-07 |
| 167205.139683349390 | 167205.14 | 3908571.49 | FENCEGRD | 3.73E-05 | 3.67E-05 | 3.59E-05 | 3.52E-05 | 1.52E-06 | 1.06E-05 | 4.50E-07 | 4.46E-07 | 4.43E-07 | 4.40E-07 |
| 167221.190977602390 | 167221.19 | 3908554.42 | FENCEGRD | 3.80E-05 | 3.73E-05 | 3.65E-05 | 3.58E-05 | 1.66E-06 | 1.07E-05 | 4.73E-07 | 4.68E-07 | 4.64E-07 | 4.60E-07 |
| 167237.242271856390 | 167237.24 | 3908537.36 | FENCEGRD | 3.64E-05 | 3.67E-05 | 3.73E-05 | 3.68E-05 | 1.85E-06 | 1.01E-05 | 5.00E-07 | 4.99E-07 | 4.97E-07 | 4.93E-07 |
| 167253.293566113908 | 167253.29 | 3908520.29 | FENCEGRD | 3.42E-05 | 3.41E-05 | 3.43E-05 | 3.45E-05 | 1.97E-06 | 9.49E-06 | 4.99E-07 | 4.97E-07 | 4.94E-07 | 4.92E-07 |
| 167269.344860364390 | 167269.34 | 3908503.23 | FENCEGRD | 3.32E-05 | 3.30E-05 | 3.30E-05 | 3.30E-05 | 2.01E-06 | 9.12E-06 | 5.07E-07 | 5.05E-07 | 5.01E-07 | 4.98E-07 |
| 167285.396154618390 | 167285.40 | 3908486.16 | FENCEGRD | 3.32E-05 | 3.30E-05 | 3.28E-05 | 3.28E-05 | 2.08E-06 | 8.96E-06 | 5.27E-07 | 5.24E-07 | 5.19E-07 | 5.15E-07 |
| 167301.447448871390 | 167301.45 | 3908469.10 | FENCEGRD | 3.35E-05 | 3.33E-05 | 3.31E-05 | 3.30E-05 | 2.15E-06 | 8.91E-06 | 5.55E-07 | 5.51E-07 | 5.45E-07 | 5.40E-07 |
| 167317.498743125390 | 167317.50 | 3908452.03 | FENCEGRD | 3.42E-05 | 3.39E-05 | 3.37E-05 | 3.36E-05 | 2.24E-06 | 8.96E-06 | 5.88E-07 | 5.83E-07 | 5.77E-07 | 5.71E-07 |
| 167333.550037379390 | 167333.55 | 3908434.97 | FENCEGRD | 3.53E-05 | 3.49E-05 | 3.47E-05 | 3.45E-05 | 2.34E-06 | 9.09E-06 | 6.26E-07 | 6.21E-07 | 6.13E-07 | 6.07E-07 |
| 167349.601331633390 | 167349.60 | 3908417.90 | FENCEGRD | 3.65E-05 | 3.61E-05 | 3.57E-05 | | | | | | | |

Project Ground Level Concentrations-2<16

| | | | | 2<16 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167024.207221897390 | 167024.21 | 3908657.50 | FENCEGRD | 3.31E-05 | 3.26E-05 | 3.20E-05 | 3.16E-05 | 1.11E-06 | 1.22E-05 | 4.51E-07 | 4.49E-07 | 4.47E-07 | 4.45E-07 |
| 167012.973585534390 | 167012.97 | 3908678.15 | FENCEGRD | 3.34E-05 | 3.29E-05 | 3.23E-05 | 3.18E-05 | 1.15E-06 | 1.31E-05 | 4.64E-07 | 4.62E-07 | 4.59E-07 | 4.57E-07 |
| 167001.739949173908 | 167001.74 | 3908698.80 | FENCEGRD | 3.35E-05 | 3.30E-05 | 3.24E-05 | 3.19E-05 | 1.18E-06 | 1.40E-05 | 4.72E-07 | 4.70E-07 | 4.67E-07 | 4.65E-07 |
| 166990.506312807390 | 166990.51 | 3908719.45 | FENCEGRD | 3.38E-05 | 3.33E-05 | 3.28E-05 | 3.23E-05 | 1.23E-06 | 1.50E-05 | 4.79E-07 | 4.76E-07 | 4.74E-07 | 4.71E-07 |
| 166979.272676443390 | 166979.27 | 3908740.10 | FENCEGRD | 3.44E-05 | 3.39E-05 | 3.34E-05 | 3.29E-05 | 1.27E-06 | 1.62E-05 | 4.86E-07 | 4.83E-07 | 4.81E-07 | 4.78E-07 |
| 166968.039040079390 | 166968.04 | 3908760.75 | FENCEGRD | 3.55E-05 | 3.50E-05 | 3.45E-05 | 3.40E-05 | 1.32E-06 | 1.75E-05 | 4.97E-07 | 4.94E-07 | 4.92E-07 | 4.89E-07 |
| 166956.805403716390 | 166956.81 | 3908781.40 | FENCEGRD | 3.71E-05 | 3.65E-05 | 3.60E-05 | 3.54E-05 | 1.36E-06 | 1.90E-05 | 5.16E-07 | 5.13E-07 | 5.10E-07 | 5.08E-07 |
| 166945.571767352390 | 166945.57 | 3908802.05 | FENCEGRD | 3.92E-05 | 3.85E-05 | 3.79E-05 | 3.74E-05 | 1.39E-06 | 2.07E-05 | 5.46E-07 | 5.43E-07 | 5.40E-07 | 5.37E-07 |
| 167371.888474415390 | 167371.89 | 3909070.62 | FENCEGRD | 1.70E-04 | 1.66E-04 | 1.61E-04 | 1.56E-04 | 2.36E-06 | 1.45E-04 | 1.66E-06 | 1.62E-06 | 1.59E-06 | 1.56E-06 |
| 167324.488572333390 | 167324.49 | 3909054.72 | FENCEGRD | 1.52E-04 | 1.47E-04 | 1.43E-04 | 1.38E-04 | 2.26E-06 | 1.22E-04 | 1.53E-06 | 1.50E-06 | 1.47E-06 | 1.45E-06 |
| 167277.083364552390 | 167277.08 | 3909038.83 | FENCEGRD | 1.34E-04 | 1.30E-04 | 1.26E-04 | 1.22E-04 | 2.22E-06 | 1.02E-04 | 1.42E-06 | 1.40E-06 | 1.38E-06 | 1.36E-06 |
| 167287.015632423390 | 167287.02 | 3909016.01 | FENCEGRD | 1.14E-04 | 1.11E-04 | 1.08E-04 | 1.06E-04 | 2.07E-06 | 9.27E-05 | 1.16E-06 | 1.15E-06 | 1.13E-06 | 1.12E-06 |
| 167182.264672139090 | 167182.26 | 3909007.07 | FENCEGRD | 1.04E-04 | 1.01E-04 | 9.83E-05 | 9.58E-05 | 2.10E-06 | 7.37E-05 | 1.25E-06 | 1.23E-06 | 1.22E-06 | 1.20E-06 |
| 167192.329370213908 | 167192.33 | 3908983.95 | FENCEGRD | 9.15E-05 | 8.93E-05 | 8.71E-05 | 8.51E-05 | 1.98E-06 | 6.64E-05 | 1.05E-06 | 1.04E-06 | 1.03E-06 | 1.02E-06 |
| 167087.440283725390 | 167087.44 | 3908975.32 | FENCEGRD | 8.29E-05 | 8.09E-05 | 7.89E-05 | 7.71E-05 | 1.96E-06 | 5.58E-05 | 1.11E-06 | 1.10E-06 | 1.09E-06 | 1.08E-06 |
| 167096.458830418390 | 167096.46 | 3908954.60 | FENCEGRD | 7.53E-05 | 7.36E-05 | 7.19E-05 | 7.04E-05 | 1.87E-06 | 5.05E-05 | 9.73E-07 | 9.62E-07 | 9.53E-07 | 9.45E-07 |
| 167106.604695447390 | 167106.60 | 3908931.29 | FENCEGRD | 6.78E-05 | 6.64E-05 | 6.50E-05 | 6.38E-05 | 1.78E-06 | 4.48E-05 | 8.43E-07 | 8.35E-07 | 8.28E-07 | 8.22E-07 |
| 166992.612970415390 | 166992.61 | 3908943.58 | FENCEGRD | 6.73E-05 | 6.59E-05 | 6.44E-05 | 6.31E-05 | 1.81E-06 | 4.30E-05 | 9.94E-07 | 9.83E-07 | 9.74E-07 | 9.65E-07 |
| 167001.680266009390 | 167001.68 | 3908922.75 | FENCEGRD | 6.22E-05 | 6.09E-05 | 5.96E-05 | 5.85E-05 | 1.72E-06 | 3.90E-05 | 8.86E-07 | 8.77E-07 | 8.69E-07 | 8.62E-07 |
| 167010.747561603390 | 167010.75 | 3908901.92 | FENCEGRD | 5.74E-05 | 5.63E-05 | 5.52E-05 | 5.42E-05 | 1.66E-06 | 3.52E-05 | 7.90E-07 | 7.83E-07 | 7.77E-07 | 7.71E-07 |
| 167019.814857197390 | 167019.81 | 3908881.09 | FENCEGRD | 5.29E-05 | 5.20E-05 | 5.10E-05 | 5.01E-05 | 1.60E-06 | 3.15E-05 | 7.08E-07 | 7.02E-07 | 6.98E-07 | 6.93E-07 |
| 166897.783956562390 | 166897.78 | 3908911.84 | FENCEGRD | 5.57E-05 | 5.46E-05 | 5.35E-05 | 5.25E-05 | 1.67E-06 | 3.38E-05 | 8.89E-07 | 8.80E-07 | 8.73E-07 | 8.66E-07 |
| 166906.886396713390 | 166906.89 | 3908890.93 | FENCEGRD | 5.18E-05 | 5.08E-05 | 4.98E-05 | 4.90E-05 | 1.58E-06 | 3.07E-05 | 8.02E-07 | 7.94E-07 | 7.88E-07 | 7.82E-07 |
| 166915.988836863390 | 166915.99 | 3908870.02 | FENCEGRD | 4.82E-05 | 4.73E-05 | 4.65E-05 | 4.57E-05 | 1.52E-06 | 2.78E-05 | 7.23E-07 | 7.17E-07 | 7.12E-07 | 7.07E-07 |
| 166925.091277014390 | 166925.09 | 3908849.11 | FENCEGRD | 4.51E-05 | 4.43E-05 | 4.35E-05 | 4.28E-05 | 1.47E-06 | 2.53E-05 | 6.56E-07 | 6.51E-07 | 6.47E-07 | 6.43E-07 |
| 166934.193717164390 | 166934.19 | 3908828.19 | FENCEGRD | 4.23E-05 | 4.16E-05 | 4.09E-05 | 4.02E-05 | 1.44E-06 | 2.31E-05 | 6.00E-07 | 5.96E-07 | 5.92E-07 | 5.89E-07 |
| 167363.014395385390 | 167363.01 | 3909118.12 | FENCEGRD | 3.07E-04 | 2.93E-04 | 2.78E-04 | 2.65E-04 | 2.77E-06 | 1.72E-04 | 3.16E-06 | 3.04E-06 | 2.93E-06 | 2.84E-06 |
| 167359.573909162.59 | 167359.57 | 3909162.59 | FENCEGRD | 4.94E-04 | 4.71E-04 | 4.48E-04 | 4.27E-04 | 3.80E-06 | 1.94E-04 | 6.03E-06 | 5.77E-06 | 5.54E-06 | 5.33E-06 |
| 167359.573909185.91 | 167359.57 | 3909185.91 | FENCEGRD | 5.92E-04 | 5.67E-04 | 5.40E-04 | 5.17E-04 | 4.86E-06 | 2.05E-04 | 8.17E-06 | 7.84E-06 | 7.55E-06 | 7.28E-06 |
| 167359.573909209.23 | 167359.57 | 3909209.24 | FENCEGRD | 6.84E-04 | 6.58E-04 | 6.29E-04 | 6.04E-04 | 6.61E-06 | 2.14E-04 | 1.06E-05 | 1.02E-05 | 9.90E-06 | 9.57E-06 |
| 167359.573909232.55 | 167359.57 | 3909232.56 | FENCEGRD | 7.61E-04 | 7.36E-04 | 7.08E-04 | 6.83E-04 | 9.53E-06 | 2.21E-04 | 1.31E-05 | 1.27E-05 | 1.24E-05 | 1.20E-05 |
| 167359.573909255.87 | 167359.57 | 3909255.88 | FENCEGRD | 8.15E-04 | 7.95E-04 | 7.70E-04 | 7.47E-04 | 1.41E-05 | 2.23E-04 | 1.54E-05 | 1.50E-05 | 1.46E-05 | 1.43E-05 |
| 167312.799120674390 | 167312.80 | 3909119.44 | FENCEGRD | 2.98E-04 | 2.83E-04 | 2.69E-04 | 2.56E-04 | 2.99E-06 | 1.57E-04 | 3.24E-06 | 3.13E-06 | 3.04E-06 | 2.96E-06 |
| 167319.257362021390 | 167319.26 | 3909079.78 | FENCEGRD | 1.94E-04 | 1.86E-04 | 1.79E-04 | 1.72E-04 | 2.46E-06 | 1.35E-04 | 2.01E-06 | 1.96E-06 | 1.92E-06 | 1.88E-06 |
| 167309.573909162.59 | 167309.57 | 3909162.59 | FENCEGRD | 4.43E-04 | 4.23E-04 | 4.02E-04 | 3.84E-04 | 4.18E-06 | 1.80E-04 | 5.54E-06 | 5.33E-06 | 5.15E-06 | 4.98E-06 |
| 167309.573909185.91 | 167309.57 | 3909185.91 | FENCEGRD | 5.22E-04 | 5.00E-04 | 4.76E-04 | 4.56E-04 | 5.29E-06 | 1.92E-04 | 7.23E-06 | 6.98E-06 | 6.75E-06 | 6.54E-06 |
| 167309.573909209.23 | 167309.57 | 3909209.24 | FENCEGRD | 6.00E-04 | 5.75E-04 | 5.49E-04 | 5.27E-04 | 6.99E-06 | 2.02E-04 | 9.13E-06 | 8.85E-06 | 8.59E-06 | 8.34E-06 |
| 167309.573909232.55 | 167309.57 | 3909232.56 | FENCEGRD | 6.72E-04 | 6.46E-04 | 6.18E-04 | 5.95E-04 | 9.60E-06 | 2.11E-04 | 1.11E-05 | 1.08E-05 | 1.05E-05 | 1.02E-05 |
| 167309.573909255.87 | 167309.57 | 3909255.88 | FENCEGRD | 7.23E-04 | 7.00E-04 | 6.73E-04 | 6.51E-04 | 1.33E-05 | 2.13E-04 | 1.29E-05 | 1.26E-05 | 1.23E-05 | 1.20E-05 |
| 167309.573909279.2 | 167309.57 | 3909279.20 | FENCEGRD | 7.50E-04 | 7.32E-04 | 7.09E-04 | 6.89E-04 | 1.82E-05 | 2.11E-04 | 1.43E-05 | 1.40E-05 | 1.37E-05 | 1.35E-05 |
| 167262.669955847390 | 167262.67 | 3909120.23 | FENCEGRD | 2.77E-04 | 2.64E-04 | 2.51E-04 | 2.40E-04 | 3.23E-06 | 1.43E-04 | 3.25E-06 | 3.15E-06 | 3.06E-06 | 2.99E-06 |
| 167268.869867543909 | 167268.87 | 3909082.16 | FENCEGRD | 1.93E-04 | 1.85E-04 | 1.78E-04 | 1.71E-04 | 2.60E-06 | 1.23E-04 | 2.16E-06 | 2.11E-06 | 2.07E-06 | 2.03E-06 |
| 167259.573909162.59 | 167259.57 | 3909162.59 | FENCEGRD | 3.95E-04 | 3.77E-04 | 3.59E-04 | 3.43E-04 | 4.53E-06 | 1.66E-04 | 5.17E-06 | 5.00E-06 | 4.84E-06 | 4.70E-06 |
| 167259.573909185.91 | 167259.57 | 3909185.91 | FENCEGRD | 4.60E-04 | 4.41E-04 | 4.20E-04 | 4.03E-04 | 5.67E-06 | 1.78E-04 | 6.55E-06 | 6.35E-06 | 6.16E-06 | 5.99E-06 |
| 167259.573909209.23 | 167259.57 | 3909209.24 | FENCEGRD | 5.21E-04 | 5.00E-04 | 4.77E-04 | 4.59E-04 | 7.29E-06 | 1.88E-04 | 8.05E-06 | 7.82E-06 | 7.61E-06 | 7.42E-06 |
| 167259.573909232.55 | 167259.57 | 3909232.56 | FENCEGRD | 5.73E-04 | 5.51E-04 | 5.28E-04 | 5.09E-04 | 9.54E-06 | 1.93E-04 | 9.50E-06 | 9.26E-06 | 9.05E-06 | 8.84E-06 |
| 167259.573909255.87 | 167259.57 | 3909255.88 | FENCEGRD | 6.14E-04 | 5.94E-04 | 5.71E-04 | 5.52E-04 | 1.26E-05 | 1.96E-04 | 1.08E-05 | 1.06E-05 | 1.04E-05 | 1.01E-05 |
| 167259.573909279.2 | 167259.57 | 3909279.20 | FENCEGRD | 6.43E-04 | 6.25E-04 | 6.05E-04 | 5.87E-04 | 1.64E-05 | 1.96E-04 | 1.20E-05 | 1.17E-05 | 1.15E-05 | 1.13E-05 |
| 167163.014395385390 | 167163.01 | 3909118.12 | FENCEGRD | 2.26E-04 | 2.17E-04 | 2.07E-04 | 1.99E-04 | 3.59E-06 | 1.17E-04 | 3.03E-06 | 2.96E-06 | 2.89E-06 | 2.83E-06 |
| 167169.903186155390 | 167169.90 | 3909075.82 | FENCEGRD | 1.65E-04 | 1.59E-04 | 1.53E-04 | 1.47E-04 | 2.76E-06 | 1.00E-04 | 2.14E-06 | 2.09E-06 | 2.06E-06 | 2.02E-06 |
| 167176.791976925390 | 167176.79 | 3909033.51 | FENCEGRD | 1.22E-04 | 1.18E-04 | 1.15E-04 | 1.11E-04 | 2.29E-06 | 8.35E-05 | 1.53E-06 | 1.50E-06 | 1.48E-06 | 1.46E-06 |
| 167159.573909162.59 | 167159.57 | 3909162.59 | FENCEGRD | 3.04E-04 | 2.92E-04 | 2.79E-04 | 2.68E-04 | 5.01E-06 | 1.35E-04 | 4.42E-06 | 4.30E-06 | 4.19E-06 | 4.10E-06 |
| 167159.573909185.91 | 167159.57 | 3909185.91 | FENCEGRD | 3.45E-04 | 3.32E-04 | 3.18E-04 | 3.07E-04 | 6.06E-06 | 1.44E-04 | 5.33E-06 | 5.20E-06 | 5.08E-06 | 4.96E-06 |
| 167159.573909209.23 | 167159.57 | 3909209.24 | FENCEGRD | 3.82E-04 | 3.69E-04 | 3.55E-04 | 3.43E-04 | 7.41E-06 | 1.52E-04 | 6.32E-06 | 6.17E-06 | 6.04E-06 | 5.91E-06 |
| 167159.573909232.55 | 167159.57 | 3909232.56 | FENCEGRD | 4.16E-04 | 4.03E-04 | 3.88E-04 | 3.75E-04 | 9.14E-06 | 1.58E-04 | 7.29E-06 | 7.14E-06 | 7.00E-06 | 6.87E-06 |
| 167159.573909255.87 | 167159.57 | 3909255.88 | FENCEGRD | 4.48E-04 | 4.34E-04 | 4.18E-04 | 4.05E-04 | 1.13E-05 | 1.63E-04 | 8.21E-06 | 8.06E-06 | 7.91E-06 | 7.77E-06 |
| 167159.573909279.2 | 167159.57 | 3909279.20 | FENCEGRD | 4.76E-04 | 4.62E-04 | 4.47E-04 | 4.34E-04 | 1.40E-05 | 1.67E-04 | 9.06E-06 | 8.90E-06 | 8.76E-06 | 8.61E-06 |
| 167063.260423627390 | 167063.26 | 3909116.61 | FENCEGRD | 1.85E-04 | 1.78E-04 | 1.71E-04 | 1.65E-04 | 3.89E-06 | 9.77E-05 | 2.80E-06 | 2.74E-06 | 2.69E-06 | 2.64E-06 |
| 167066.950847254390 | 167066.95 | 3909093.95 | FENCEGRD | 1.62E-04 | 1.56E-04 | 1.50E-04 | 1.45E-04 | 3.37E-06 | 9.09E-05 | 2.40E-06 | 2.35E-06 | 2.31E-06 | 2.27E-06 |
| 167070.641270881390 | 167070.64 | 3909071.28 | FENCEGRD | 1.41E-04 | 1.36E-04 | 1.31E-04 | 1.27E-04 | 2.95E-06 | 8.40E-05 | 2.06E-06 | 2.03E-06 | 2.00E-06 | 1.97E-06 |
| 167074.331694508390 | 167074.33 | 3909048.62 | FENCEGRD | 1.23E-04 | 1.19E-04 | 1.15E-04 | 1.11E-04 | 2.61E-06 | 7.71E-05 | 1.78E-06 | 1.75E-06 | 1.73E-06 | 1.70E-06 |
| 167078.022118134390 | 167078.02 | 3909025.96 | FENCEGRD | 1.08E-04 | 1.05E-04 | 1.01E | | | | | | | |

Project Ground Level Concentrations-2<16

| | | | | 2<16 GLC (µg/m³) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 166881.269690926390 | 166881.27 | 3909006.02 | FENCEGRD | 7.90E-05 | 7.71E-05 | 7.52E-05 | 7.34E-05 | 2.41E-06 | 4.97E-05 | 1.37E-06 | 1.36E-06 | 1.34E-06 | 1.33E-06 |
| 166884.886306083908 | 166884.89 | 3908983.81 | FENCEGRD | 7.23E-05 | 7.07E-05 | 6.90E-05 | 6.75E-05 | 2.18E-06 | 4.58E-05 | 1.24E-06 | 1.23E-06 | 1.21E-06 | 1.20E-06 |
| 166888.502921235390 | 166888.50 | 3908961.60 | FENCEGRD | 6.65E-05 | 6.50E-05 | 6.36E-05 | 6.23E-05 | 1.99E-06 | 4.19E-05 | 1.12E-06 | 1.11E-06 | 1.10E-06 | 1.09E-06 |
| 166859.573909139.27 | 166859.57 | 3909139.27 | FENCEGRD | 1.41E-04 | 1.37E-04 | 1.33E-04 | 1.29E-04 | 4.52E-06 | 7.42E-05 | 2.62E-06 | 2.58E-06 | 2.54E-06 | 2.50E-06 |
| 166859.573909162.59 | 166859.57 | 3909162.59 | FENCEGRD | 1.57E-04 | 1.52E-04 | 1.47E-04 | 1.43E-04 | 5.07E-06 | 7.89E-05 | 2.97E-06 | 2.91E-06 | 2.87E-06 | 2.82E-06 |
| 166859.573909185.91 | 166859.57 | 3909185.91 | FENCEGRD | 1.72E-04 | 1.67E-04 | 1.62E-04 | 1.58E-04 | 5.71E-06 | 8.37E-05 | 3.35E-06 | 3.30E-06 | 3.24E-06 | 3.19E-06 |
| 166859.573909209.23 | 166859.57 | 3909209.24 | FENCEGRD | 1.88E-04 | 1.83E-04 | 1.77E-04 | 1.73E-04 | 6.46E-06 | 8.85E-05 | 3.78E-06 | 3.72E-06 | 3.66E-06 | 3.60E-06 |
| 166859.573909232.55 | 166859.57 | 3909232.56 | FENCEGRD | 2.01E-04 | 1.96E-04 | 1.91E-04 | 1.86E-04 | 7.34E-06 | 9.32E-05 | 4.21E-06 | 4.15E-06 | 4.09E-06 | 4.03E-06 |
| 166859.573909255.87 | 166859.57 | 3909255.88 | FENCEGRD | 2.14E-04 | 2.09E-04 | 2.03E-04 | 1.99E-04 | 8.36E-06 | 9.76E-05 | 4.64E-06 | 4.57E-06 | 4.51E-06 | 4.45E-06 |
| 166859.573909279.2 | 166859.57 | 3909279.20 | FENCEGRD | 2.26E-04 | 2.21E-04 | 2.15E-04 | 2.10E-04 | 9.53E-06 | 1.02E-04 | 5.04E-06 | 4.98E-06 | 4.92E-06 | 4.86E-06 |
| 167540.497012865390 | 167540.50 | 3909215.75 | | 4.03E-04 | 4.14E-04 | 4.28E-04 | 4.39E-04 | 1.57E-05 | 2.56E-04 | 3.29E-05 | 3.27E-05 | 3.26E-05 | 3.16E-05 |
| 167541.642759649390 | 167541.64 | 3909179.96 | | 3.14E-04 | 3.10E-04 | 3.11E-04 | 3.11E-04 | 1.28E-05 | 2.50E-04 | 2.21E-05 | 2.01E-05 | 1.81E-05 | 1.62E-05 |
| 167537.739545029390 | 167537.74 | 3909149.96 | | 1.99E-04 | 1.95E-04 | 1.93E-04 | 1.90E-04 | 1.07E-05 | 2.41E-04 | 9.98E-06 | 8.50E-06 | 7.27E-06 | 6.40E-06 |
| 167536.333909120.68 | 167536.33 | 3909120.68 | | 1.03E-04 | 1.01E-04 | 1.00E-04 | 1.00E-04 | 9.72E-06 | 2.31E-04 | 3.44E-06 | 3.06E-06 | 2.77E-06 | 2.57E-06 |
| 167536.333909106.64 | 167536.33 | 3909106.64 | | 7.81E-05 | 7.83E-05 | 8.01E-05 | 8.17E-05 | 9.47E-06 | 2.25E-04 | 2.32E-06 | 2.16E-06 | 2.03E-06 | 1.94E-06 |
| 167534.583909076.82 | 167534.58 | 3909076.82 | | 6.80E-05 | 6.91E-05 | 7.09E-05 | 7.28E-05 | 8.79E-06 | 2.11E-04 | 1.58E-06 | 1.53E-06 | 1.48E-06 | 1.44E-06 |
| 167559.143909104.89 | 167559.14 | 3909104.89 | | 6.67E-05 | 6.73E-05 | 6.82E-05 | 6.92E-05 | 1.36E-05 | 2.45E-04 | 2.81E-06 | 2.61E-06 | 2.43E-06 | 2.30E-06 |
| 167557.393909075.06 | 167557.39 | 3909075.06 | | 6.57E-05 | 6.61E-05 | 6.63E-05 | 6.67E-05 | 1.18E-05 | 2.23E-04 | 2.16E-06 | 2.06E-06 | 1.95E-06 | 1.87E-06 |
| 167589.843909052.25 | 167589.84 | 3909052.25 | | 1.08E-04 | 9.19E-05 | 8.07E-05 | 7.54E-05 | 1.74E-05 | 2.55E-04 | 4.35E-06 | 3.98E-06 | 3.64E-06 | 3.37E-06 |
| 167615.283909003.13 | 167615.28 | 3909003.13 | | 3.39E-04 | 2.74E-04 | 2.19E-04 | 1.86E-04 | 1.87E-05 | 2.55E-04 | 5.74E-06 | 5.31E-06 | 4.92E-06 | 4.59E-06 |
| 167542.473909053.13 | 167542.47 | 3909053.13 | | 6.59E-05 | 6.67E-05 | 6.80E-05 | 6.95E-05 | 9.27E-06 | 2.02E-04 | 1.63E-06 | 1.57E-06 | 1.51E-06 | 1.46E-06 |
| 167566.163909006.64 | 167566.16 | 3909006.64 | | 9.06E-05 | 8.56E-05 | 8.14E-05 | 7.95E-05 | 1.08E-05 | 1.88E-04 | 2.39E-06 | 2.27E-06 | 2.14E-06 | 2.04E-06 |
| 167539.753909198.46 | 167539.75 | 3909198.46 | | 3.72E-04 | 3.76E-04 | 3.84E-04 | 3.90E-04 | 1.32E-05 | 2.52E-04 | 2.78E-05 | 2.67E-05 | 2.54E-05 | 2.37E-05 |
| 167537.083909134.72 | 167537.08 | 3909134.72 | | 1.44E-04 | 1.40E-04 | 1.38E-04 | 1.35E-04 | 1.01E-05 | 2.36E-04 | 5.78E-06 | 4.95E-06 | 4.28E-06 | 3.85E-06 |
| 167535.553909092.74 | 167535.55 | 3909092.74 | | 6.96E-05 | 7.10E-05 | 7.32E-05 | 7.52E-05 | 9.13E-06 | 2.18E-04 | 1.82E-06 | 1.75E-06 | 1.68E-06 | 1.62E-06 |
| 167558.453909089.69 | 167558.45 | 3909089.69 | | 6.53E-05 | 6.59E-05 | 6.69E-05 | 6.75E-05 | 1.27E-05 | 2.34E-04 | 2.35E-06 | 2.23E-06 | 2.11E-06 | 2.01E-06 |
| 167553.493909032.06 | 167553.49 | 3909032.06 | | 6.88E-05 | 6.83E-05 | 6.85E-05 | 6.92E-05 | 1.00E-05 | 1.96E-04 | 1.93E-06 | 1.84E-06 | 1.75E-06 | 1.67E-06 |
| 167601.963909028.24 | 167601.96 | 3909028.24 | | 2.13E-04 | 1.67E-04 | 1.31E-04 | 1.13E-04 | 1.81E-05 | 2.55E-04 | 5.09E-06 | 4.68E-06 | 4.31E-06 | 4.00E-06 |

Project Ground Level Concentrations-16<30

| | | | | 16<30 GLC (µg/m³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167603.820034585390 | 167603.82 | 3909302.48 | FENCEGRD | 3.00E-04 | 3.09E-04 | 3.23E-04 | 3.38E-04 | 7.29E-05 | 9.14E-05 | 6.49E-06 | 6.73E-06 | 7.02E-06 | 7.31E-06 |
| 167615.268534585390 | 167615.27 | 3909280.72 | FENCEGRD | 2.87E-04 | 2.94E-04 | 3.03E-04 | 3.11E-04 | 8.61E-05 | 9.22E-05 | 6.35E-06 | 6.65E-06 | 6.97E-06 | 7.30E-06 |
| 167626.717034585390 | 167626.72 | 3909258.96 | FENCEGRD | 2.64E-04 | 2.71E-04 | 2.74E-04 | 2.75E-04 | 9.59E-05 | 9.45E-05 | 6.64E-06 | 6.98E-06 | 7.34E-06 | 7.73E-06 |
| 167638.165534585390 | 167638.17 | 3909237.19 | FENCEGRD | 2.22E-04 | 2.28E-04 | 2.34E-04 | 2.35E-04 | 1.03E-04 | 9.86E-05 | 7.37E-06 | 7.70E-06 | 8.10E-06 | 8.55E-06 |
| 167649.614034585390 | 167649.61 | 3909215.43 | FENCEGRD | 1.78E-04 | 1.79E-04 | 1.82E-04 | 1.85E-04 | 1.07E-04 | 1.07E-04 | 9.34E-06 | 9.73E-06 | 1.01E-05 | 1.07E-05 |
| 167661.062534585390 | 167661.06 | 3909193.67 | FENCEGRD | 1.72E-04 | 1.61E-04 | 1.54E-04 | 1.53E-04 | 1.05E-04 | 1.23E-04 | 1.33E-05 | 1.40E-05 | 1.47E-05 | 1.56E-05 |
| 167672.511034585390 | 167672.51 | 3909171.91 | FENCEGRD | 1.73E-04 | 1.58E-04 | 1.43E-04 | 1.32E-04 | 9.87E-05 | 1.43E-04 | 1.86E-05 | 1.97E-05 | 2.10E-05 | 2.26E-05 |
| 167683.959534585390 | 167683.96 | 3909150.15 | FENCEGRD | 1.93E-04 | 1.78E-04 | 1.59E-04 | 1.46E-04 | 9.08E-05 | 1.63E-04 | 2.40E-05 | 2.57E-05 | 2.76E-05 | 2.99E-05 |
| 167695.408034585390 | 167695.41 | 3909128.39 | FENCEGRD | 2.73E-04 | 2.78E-04 | 2.89E-04 | 3.26E-04 | 8.34E-05 | 1.83E-04 | 2.88E-05 | 3.08E-05 | 3.33E-05 | 3.60E-05 |
| 167706.856534585390 | 167706.86 | 3909106.63 | FENCEGRD | 6.23E-04 | 7.34E-04 | 8.99E-04 | 1.12E-03 | 7.71E-05 | 2.00E-04 | 3.20E-05 | 3.39E-05 | 3.62E-05 | 3.83E-05 |
| 167718.305034585390 | 167718.31 | 3909084.86 | FENCEGRD | 1.17E-03 | 1.38E-03 | 1.63E-03 | 1.88E-03 | 7.29E-05 | 2.17E-04 | 3.33E-05 | 3.46E-05 | 3.60E-05 | 3.70E-05 |
| 167729.753534585390 | 167729.75 | 3909063.10 | FENCEGRD | 1.69E-03 | 1.89E-03 | 2.09E-03 | 2.25E-03 | 6.90E-05 | 2.33E-04 | 3.27E-05 | 3.34E-05 | 3.39E-05 | 3.41E-05 |
| 167741.202034585390 | 167741.20 | 3909041.34 | FENCEGRD | 1.99E-03 | 2.12E-03 | 2.24E-03 | 2.31E-03 | 6.51E-05 | 2.49E-04 | 3.11E-05 | 3.13E-05 | 3.13E-05 | 3.11E-05 |
| 167752.650534585390 | 167752.65 | 3909019.58 | FENCEGRD | 2.09E-03 | 2.16E-03 | 2.21E-03 | 2.23E-03 | 6.14E-05 | 2.65E-04 | 2.91E-05 | 2.91E-05 | 2.88E-05 | 2.85E-05 |
| 167764.099034585390 | 167764.10 | 3908997.82 | FENCEGRD | 2.03E-03 | 2.07E-03 | 2.08E-03 | 2.07E-03 | 5.76E-05 | 2.79E-04 | 2.69E-05 | 2.67E-05 | 2.63E-05 | 2.59E-05 |
| 167775.547534585390 | 167775.55 | 3908976.06 | FENCEGRD | 1.90E-03 | 1.91E-03 | 1.90E-03 | 1.88E-03 | 5.37E-05 | 2.91E-04 | 2.48E-05 | 2.45E-05 | 2.41E-05 | 2.37E-05 |
| 167786.996034585390 | 167787.00 | 3908954.30 | FENCEGRD | 1.74E-03 | 1.73E-03 | 1.71E-03 | 1.69E-03 | 5.02E-05 | 3.04E-04 | 2.29E-05 | 2.25E-05 | 2.21E-05 | 2.17E-05 |
| 167798.444534585390 | 167798.44 | 3908932.53 | FENCEGRD | 1.57E-03 | 1.55E-03 | 1.52E-03 | 1.49E-03 | 4.62E-05 | 3.15E-04 | 2.09E-05 | 2.05E-05 | 2.01E-05 | 1.98E-05 |
| 167809.893034585390 | 167809.89 | 3908910.77 | FENCEGRD | 1.42E-03 | 1.39E-03 | 1.36E-03 | 1.33E-03 | 4.32E-05 | 3.28E-04 | 1.93E-05 | 1.89E-05 | 1.86E-05 | 1.82E-05 |
| 167821.341534585390 | 167821.34 | 3908889.01 | FENCEGRD | 1.27E-03 | 1.24E-03 | 1.21E-03 | 1.18E-03 | 3.98E-05 | 3.47E-04 | 1.77E-05 | 1.74E-05 | 1.70E-05 | 1.67E-05 |
| 167832.790034585390 | 167832.79 | 3908867.25 | FENCEGRD | 1.14E-03 | 1.12E-03 | 1.09E-03 | 1.06E-03 | 3.75E-05 | 3.71E-04 | 1.65E-05 | 1.62E-05 | 1.59E-05 | 1.56E-05 |
| 167583.765368876390 | 167583.77 | 3909333.07 | FENCEGRD | 3.13E-04 | 3.28E-04 | 3.49E-04 | 3.72E-04 | 5.32E-05 | 9.37E-05 | 6.86E-06 | 7.07E-06 | 7.32E-06 | 7.60E-06 |
| 167625.945051877390 | 167625.95 | 3909314.12 | FENCEGRD | 3.08E-04 | 3.19E-04 | 3.28E-04 | 3.34E-04 | 4.99E-05 | 7.97E-05 | 5.43E-06 | 5.65E-06 | 5.88E-06 | 6.10E-06 |
| 167637.393551877390 | 167637.39 | 3909292.36 | FENCEGRD | 2.92E-04 | 3.07E-04 | 3.21E-04 | 3.29E-04 | 6.18E-05 | 8.08E-05 | 5.40E-06 | 5.62E-06 | 5.86E-06 | 6.11E-06 |
| 167648.842051877390 | 167648.84 | 3909270.60 | FENCEGRD | 2.64E-04 | 2.81E-04 | 3.00E-04 | 3.12E-04 | 7.28E-05 | 8.31E-05 | 5.72E-06 | 5.90E-06 | 6.12E-06 | 6.37E-06 |
| 167660.290551877390 | 167660.29 | 3909248.83 | FENCEGRD | 2.28E-04 | 2.36E-04 | 2.49E-04 | 2.60E-04 | 8.12E-05 | 8.57E-05 | 6.30E-06 | 6.44E-06 | 6.61E-06 | 6.81E-06 |
| 167671.739051877390 | 167671.74 | 3909227.07 | FENCEGRD | 2.38E-04 | 2.33E-04 | 2.29E-04 | 2.28E-04 | 8.88E-05 | 9.09E-05 | 7.55E-06 | 7.72E-06 | 7.89E-06 | 8.10E-06 |
| 167683.187551877390 | 167683.19 | 3909205.31 | FENCEGRD | 2.92E-04 | 2.83E-04 | 2.66E-04 | 2.48E-04 | 9.31E-05 | 9.98E-05 | 9.66E-06 | 9.99E-06 | 1.03E-05 | 1.07E-05 |
| 167694.636051877390 | 167694.64 | 3909183.55 | FENCEGRD | 3.14E-04 | 3.10E-04 | 2.99E-04 | 2.85E-04 | 9.38E-05 | 1.13E-04 | 1.27E-05 | 1.33E-05 | 1.39E-05 | 1.46E-05 |
| 167706.084551877390 | 167706.08 | 3909161.79 | FENCEGRD | 3.27E-04 | 3.22E-04 | 3.09E-04 | 2.92E-04 | 9.07E-05 | 1.29E-04 | 1.66E-05 | 1.74E-05 | 1.83E-05 | 1.94E-05 |
| 167717.533051877390 | 167717.53 | 3909140.03 | FENCEGRD | 3.74E-04 | 3.80E-04 | 3.79E-04 | 3.80E-04 | 8.59E-05 | 1.46E-04 | 2.07E-05 | 2.19E-05 | 2.33E-05 | 2.48E-05 |
| 167728.981551877390 | 167728.98 | 3909118.27 | FENCEGRD | 4.92E-04 | 5.36E-04 | 5.87E-04 | 6.62E-04 | 8.10E-05 | 1.60E-04 | 2.41E-05 | 2.55E-05 | 2.71E-05 | 2.87E-05 |
| 167740.430051877390 | 167740.43 | 3909096.50 | FENCEGRD | 7.70E-04 | 8.71E-04 | 1.00E-03 | 1.15E-03 | 7.72E-05 | 1.75E-04 | 2.68E-05 | 2.81E-05 | 2.97E-05 | 3.11E-05 |
| 167751.878551877390 | 167751.88 | 3909074.74 | FENCEGRD | 1.15E-03 | 1.30E-03 | 1.49E-03 | 1.66E-03 | 7.36E-05 | 1.91E-04 | 2.85E-05 | 2.96E-05 | 3.08E-05 | 3.18E-05 |
| 167763.327051877390 | 167763.33 | 3909052.98 | FENCEGRD | 1.51E-03 | 1.67E-03 | 1.83E-03 | 1.97E-03 | 7.04E-05 | 2.08E-04 | 2.91E-05 | 2.99E-05 | 3.06E-05 | 3.12E-05 |
| 167774.775551877390 | 167774.78 | 3909031.22 | FENCEGRD | 1.73E-03 | 1.86E-03 | 1.99E-03 | 2.08E-03 | 6.59E-05 | 2.23E-04 | 2.85E-05 | 2.89E-05 | 2.93E-05 | 2.95E-05 |
| 167786.224051877390 | 167786.22 | 3909009.46 | FENCEGRD | 1.80E-03 | 1.89E-03 | 1.97E-03 | 2.03E-03 | 6.11E-05 | 2.37E-04 | 2.72E-05 | 2.74E-05 | 2.75E-05 | 2.75E-05 |
| 167797.672551877390 | 167797.67 | 3908987.70 | FENCEGRD | 1.77E-03 | 1.82E-03 | 1.86E-03 | 1.88E-03 | 5.58E-05 | 2.51E-04 | 2.55E-05 | 2.55E-05 | 2.54E-05 | 2.52E-05 |
| 167809.121051877390 | 167809.12 | 3908965.94 | FENCEGRD | 1.68E-03 | 1.70E-03 | 1.72E-03 | 1.71E-03 | 5.15E-05 | 2.66E-04 | 2.38E-05 | 2.36E-05 | 2.34E-05 | 2.32E-05 |
| 167820.569551877390 | 167820.57 | 3908944.17 | FENCEGRD | 1.57E-03 | 1.57E-03 | 1.57E-03 | 1.55E-03 | 4.71E-05 | 2.85E-04 | 2.22E-05 | 2.19E-05 | 2.16E-05 | 2.13E-05 |
| 167832.018051877390 | 167832.02 | 3908922.41 | FENCEGRD | 1.43E-03 | 1.43E-03 | 1.41E-03 | 1.39E-03 | 4.36E-05 | 3.10E-04 | 2.08E-05 | 2.05E-05 | 2.02E-05 | 1.98E-05 |
| 167843.466551877390 | 167843.47 | 3908900.65 | FENCEGRD | 1.27E-03 | 1.26E-03 | 1.24E-03 | 1.22E-03 | 4.06E-05 | 3.43E-04 | 1.96E-05 | 1.93E-05 | 1.89E-05 | 1.86E-05 |
| 167854.915051877390 | 167854.92 | 3908878.89 | FENCEGRD | 1.11E-03 | 1.10E-03 | 1.08E-03 | 1.06E-03 | 3.82E-05 | 3.71E-04 | 1.83E-05 | 1.80E-05 | 1.77E-05 | 1.74E-05 |
| 167610.577017612390 | 167610.58 | 3909342.60 | FENCEGRD | 2.99E-04 | 3.06E-04 | 3.13E-04 | 3.21E-04 | 3.38E-05 | 7.97E-05 | 5.78E-06 | 5.94E-06 | 6.11E-06 | 6.28E-06 |
| 167554.337440276390 | 167554.34 | 3909367.86 | FENCEGRD | 3.51E-04 | 3.73E-04 | 4.04E-04 | 4.33E-04 | 3.64E-05 | 9.81E-05 | 7.30E-06 | 7.58E-06 | 7.89E-06 | 8.21E-06 |
| 167648.070069173909 | 167648.07 | 3909325.76 | FENCEGRD | 2.71E-04 | 2.90E-04 | 3.11E-04 | 3.27E-04 | 3.73E-05 | 7.26E-05 | 4.78E-06 | 4.95E-06 | 5.15E-06 | 5.35E-06 |
| 167659.518569173909 | 167659.52 | 3909304.00 | FENCEGRD | 2.54E-04 | 2.73E-04 | 2.96E-04 | 3.15E-04 | 4.57E-05 | 7.40E-05 | 4.95E-06 | 5.08E-06 | 5.23E-06 | 5.40E-06 |
| 167670.967069173909 | 167670.97 | 3909282.24 | FENCEGRD | 2.37E-04 | 2.50E-04 | 2.67E-04 | 2.84E-04 | 5.48E-05 | 7.57E-05 | 5.34E-06 | 5.42E-06 | 5.53E-06 | 5.66E-06 |
| 167682.415569173909 | 167682.42 | 3909260.47 | FENCEGRD | 2.38E-04 | 2.40E-04 | 2.44E-04 | 2.49E-04 | 6.31E-05 | 7.75E-05 | 5.88E-06 | 5.95E-06 | 6.03E-06 | 6.12E-06 |
| 167693.864069173909 | 167693.86 | 3909238.71 | FENCEGRD | 2.76E-04 | 2.72E-04 | 2.64E-04 | 2.56E-04 | 7.12E-05 | 8.05E-05 | 6.62E-06 | 6.74E-06 | 6.85E-06 | 6.97E-06 |
| 167705.312569173909 | 167705.31 | 3909216.95 | FENCEGRD | 3.39E-04 | 3.45E-04 | 3.47E-04 | 3.43E-04 | 7.92E-05 | 8.72E-05 | 7.95E-06 | 8.16E-06 | 8.36E-06 | 8.59E-06 |
| 167716.761069173909 | 167716.76 | 3909195.19 | FENCEGRD | 3.54E-04 | 3.62E-04 | 3.67E-04 | 3.67E-04 | 8.37E-05 | 9.61E-05 | 9.83E-06 | 1.01E-05 | 1.05E-05 | 1.08E-05 |
| 167728.209569173909 | 167728.21 | 3909173.43 | FENCEGRD | 3.56E-04 | 3.61E-04 | 3.61E-04 | 3.58E-04 | 8.43E-05 | 1.06E-04 | 1.21E-05 | 1.25E-05 | 1.30E-05 | 1.36E-05 |
| 167739.658069173909 | 167739.66 | 3909151.67 | FENCEGRD | 3.56E-04 | 3.61E-04 | 3.61E-04 | 3.60E-04 | 8.27E-05 | 1.16E-04 | 1.48E-05 | 1.54E-05 | 1.61E-05 | 1.69E-05 |
| 167751.106569173909 | 167751.11 | 3909129.91 | FENCEGRD | 4.09E-04 | 4.31E-04 | 4.56E-04 | 4.84E-04 | 8.04E-05 | 1.29E-04 | 1.78E-05 | 1.86E-05 | 1.96E-05 | 2.06E-05 |
| 167762.555069173909 | 167762.56 | 3909108.14 | FENCEGRD | 5.67E-04 | 6.22E-04 | 6.88E-04 | 7.67E-04 | 7.77E-05 | 1.43E-04 | 2.07E-05 | 2.17E-05 | 2.28E-05 | 2.39E-05 |
| 167774.003569173909 | 167774.00 | 3909086.38 | FENCEGRD | 8.07E-04 | 9.00E-04 | 1.02E-03 | 1.14E-03 | 7.50E-05 | 1.58E-04 | 2.31E-05 | 2.41E-05 | 2.52E-05 | 2.63E-05 |
| 167785.452069173909 | 167785.45 | 3909064.62 | FENCEGRD | 1.08E-03 | 1.20E-03 | 1.35E-03 | 1.49E-03 | 7.21E-05 | 1.73E-04 | 2.49E-05 | 2.57E-05 | 2.67E-05 | 2.76E-05 |
| 167796.900569173909 | 167796.90 | 3909042.86 | FENCEGRD | 1.32E-03 | 1.45E-03 | 1.59E-03 | 1.71E-03 | 6.79E-05 | 1.88E-04 | 2.56E-05 | 2.63E-05 | 2.70E-05 | 2.76E-05 |
| 167808.349069173909 | 167808.35 | 3909021.10 | FENCEGRD | 1.48E-03 | 1.58E-03 | 1.69E-03 | 1.78E-03 | 6.30E-05 | 2.02E-04 | 2.55E-05 | 2.59E-05 | 2.64E-05 | 2.67E-05 |
| 167819.797569173908 | 167819.80 | 3908999.34 | FENCEGRD | 1.55E-03 | 1.62E-03 | 1.70E-03 | 1.76E-03 | 5.79E-05 | 2.19E-04 | 2.49E-05 | 2.51E-05 | 2.54E-05 | 2.55E-05 |
| 167831.246069173908 | 167831.25 | 3908977.57 | FENCEGRD | 1.55E-03 | 1.60E-03 | 1.66E- | | | | | | | |

Project Ground Level Concentrations-16<30

| | | | | 16<30 GLC (µg/m³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167818.253603755390 | 167818.25 | 3909109.66 | FENCEGRD | 4.94E-04 | 5.32E-04 | 5.77E-04 | 6.22E-04 | 6.81E-05 | 1.12E-04 | 1.45E-05 | 1.51E-05 | 1.57E-05 | 1.63E-05 |
| 167829.702103755390 | 167829.70 | 3909087.90 | FENCEGRD | 6.16E-04 | 6.67E-04 | 7.29E-04 | 7.91E-04 | 6.75E-05 | 1.23E-04 | 1.64E-05 | 1.70E-05 | 1.77E-05 | 1.84E-05 |
| 167841.150603755390 | 167841.15 | 3909066.14 | FENCEGRD | 7.53E-04 | 8.19E-04 | 9.01E-04 | 9.81E-04 | 6.58E-05 | 1.36E-04 | 1.82E-05 | 1.88E-05 | 1.95E-05 | 2.02E-05 |
| 167852.599103755390 | 167852.60 | 3909044.38 | FENCEGRD | 8.92E-04 | 9.72E-04 | 1.07E-03 | 1.16E-03 | 6.33E-05 | 1.51E-04 | 1.97E-05 | 2.03E-05 | 2.10E-05 | 2.16E-05 |
| 167864.047603755390 | 167864.05 | 3909022.62 | FENCEGRD | 9.97E-04 | 1.08E-03 | 1.19E-03 | 1.27E-03 | 6.08E-05 | 1.71E-04 | 2.11E-05 | 2.17E-05 | 2.23E-05 | 2.28E-05 |
| 167875.496103755390 | 167875.50 | 3909000.85 | FENCEGRD | 9.44E-04 | 1.02E-03 | 1.12E-03 | 1.20E-03 | 5.89E-05 | 1.97E-04 | 2.25E-05 | 2.30E-05 | 2.36E-05 | 2.40E-05 |
| 167886.944603755390 | 167886.94 | 3908979.09 | FENCEGRD | 7.28E-04 | 7.85E-04 | 8.53E-04 | 9.13E-04 | 5.60E-05 | 2.13E-04 | 2.26E-05 | 2.30E-05 | 2.35E-05 | 2.39E-05 |
| 167898.393103755390 | 167898.39 | 3908957.33 | FENCEGRD | 6.82E-04 | 7.27E-04 | 7.80E-04 | 8.27E-04 | 5.23E-05 | 2.22E-04 | 2.18E-05 | 2.21E-05 | 2.25E-05 | 2.28E-05 |
| 167909.841603755390 | 167909.84 | 3908935.57 | FENCEGRD | 6.84E-04 | 7.21E-04 | 7.66E-04 | 8.04E-04 | 4.90E-05 | 2.33E-04 | 2.09E-05 | 2.12E-05 | 2.15E-05 | 2.17E-05 |
| 167921.290103755390 | 167921.29 | 3908913.81 | FENCEGRD | 7.64E-04 | 7.97E-04 | 8.37E-04 | 8.69E-04 | 4.64E-05 | 2.47E-04 | 2.03E-05 | 2.04E-05 | 2.06E-05 | 2.07E-05 |
| 167716.119382945390 | 167716.12 | 3909381.50 | FENCEGRD | 5.09E-05 | 5.40E-05 | 5.88E-05 | 6.36E-05 | 1.85E-05 | 4.77E-05 | 3.33E-06 | 3.38E-06 | 3.43E-06 | 3.49E-06 |
| 167675.217872155390 | 167675.22 | 3909399.88 | FENCEGRD | 1.15E-04 | 1.25E-04 | 1.38E-04 | 1.50E-04 | 2.04E-05 | 5.57E-05 | 3.59E-06 | 3.70E-06 | 3.83E-06 | 3.96E-06 |
| 167634.316361365390 | 167634.32 | 3909418.25 | FENCEGRD | 2.19E-04 | 2.28E-04 | 2.37E-04 | 2.44E-04 | 1.70E-05 | 6.22E-05 | 4.37E-06 | 4.49E-06 | 4.63E-06 | 4.75E-06 |
| 167593.414850576390 | 167593.41 | 3909436.62 | FENCEGRD | 2.32E-04 | 2.37E-04 | 2.44E-04 | 2.51E-04 | 1.54E-05 | 6.77E-05 | 4.90E-06 | 4.96E-06 | 5.03E-06 | 5.10E-06 |
| 167552.513339786390 | 167552.51 | 3909454.99 | FENCEGRD | 2.51E-04 | 2.62E-04 | 2.76E-04 | 2.89E-04 | 1.91E-05 | 7.37E-05 | 5.20E-06 | 5.32E-06 | 5.45E-06 | 5.60E-06 |
| 167387.213968908390 | 167387.21 | 3909314.50 | FENCEGRD | 8.40E-04 | 8.50E-04 | 8.56E-04 | 8.59E-04 | 3.97E-05 | 2.19E-04 | 2.02E-05 | 2.02E-05 | 2.02E-05 | 2.02E-05 |
| 167373.391984454390 | 167373.39 | 3909296.85 | FENCEGRD | 9.02E-04 | 9.01E-04 | 8.93E-04 | 8.83E-04 | 3.01E-05 | 2.33E-04 | 2.01E-05 | 1.99E-05 | 1.97E-05 | 1.95E-05 |
| 167748.018638343909 | 167748.02 | 3909350.56 | FENCEGRD | 5.85E-05 | 6.04E-05 | 6.35E-05 | 6.69E-05 | 2.07E-05 | 4.99E-05 | 3.99E-06 | 4.04E-06 | 4.08E-06 | 4.13E-06 |
| 167759.467138343909 | 167759.47 | 3909328.79 | FENCEGRD | 6.65E-05 | 6.82E-05 | 7.08E-05 | 7.37E-05 | 2.35E-05 | 5.21E-05 | 4.36E-06 | 4.43E-06 | 4.50E-06 | 4.56E-06 |
| 167770.915638343909 | 167770.92 | 3909307.03 | FENCEGRD | 8.13E-05 | 8.43E-05 | 8.84E-05 | 9.25E-05 | 2.71E-05 | 5.49E-05 | 4.69E-06 | 4.79E-06 | 4.88E-06 | 4.97E-06 |
| 167782.364138343909 | 167782.36 | 3909285.27 | FENCEGRD | 1.22E-04 | 1.28E-04 | 1.37E-04 | 1.46E-04 | 3.14E-05 | 5.90E-05 | 5.07E-06 | 5.17E-06 | 5.27E-06 | 5.37E-06 |
| 167793.812638343909 | 167793.81 | 3909263.51 | FENCEGRD | 1.69E-04 | 1.79E-04 | 1.92E-04 | 2.04E-04 | 3.54E-05 | 6.18E-05 | 5.34E-06 | 5.44E-06 | 5.53E-06 | 5.63E-06 |
| 167805.261138343909 | 167805.26 | 3909241.75 | FENCEGRD | 2.11E-04 | 2.22E-04 | 2.36E-04 | 2.49E-04 | 3.94E-05 | 6.38E-05 | 5.59E-06 | 5.68E-06 | 5.78E-06 | 5.89E-06 |
| 167816.709638343909 | 167816.71 | 3909219.99 | FENCEGRD | 2.30E-04 | 2.42E-04 | 2.56E-04 | 2.70E-04 | 4.38E-05 | 6.70E-05 | 6.05E-06 | 6.17E-06 | 6.29E-06 | 6.41E-06 |
| 167828.158138343909 | 167828.16 | 3909198.23 | FENCEGRD | 2.41E-04 | 2.54E-04 | 2.70E-04 | 2.85E-04 | 4.80E-05 | 7.13E-05 | 6.80E-06 | 6.96E-06 | 7.11E-06 | 7.27E-06 |
| 167839.606638343909 | 167839.61 | 3909176.46 | FENCEGRD | 2.63E-04 | 2.76E-04 | 2.93E-04 | 3.09E-04 | 5.14E-05 | 7.65E-05 | 7.76E-06 | 7.96E-06 | 8.16E-06 | 8.37E-06 |
| 167851.055138343909 | 167851.06 | 3909154.70 | FENCEGRD | 2.88E-04 | 3.04E-04 | 3.25E-04 | 3.44E-04 | 5.39E-05 | 8.19E-05 | 8.83E-06 | 9.08E-06 | 9.34E-06 | 9.61E-06 |
| 167862.503638343909 | 167862.50 | 3909132.94 | FENCEGRD | 3.34E-04 | 3.57E-04 | 3.84E-04 | 4.11E-04 | 5.56E-05 | 8.78E-05 | 9.98E-06 | 1.03E-05 | 1.06E-05 | 1.09E-05 |
| 167873.952138343909 | 167873.95 | 3909111.18 | FENCEGRD | 4.00E-04 | 4.30E-04 | 4.65E-04 | 4.99E-04 | 5.67E-05 | 9.45E-05 | 1.12E-05 | 1.15E-05 | 1.19E-05 | 1.22E-05 |
| 167885.400638343909 | 167885.40 | 3909089.42 | FENCEGRD | 4.75E-04 | 5.11E-04 | 5.53E-04 | 5.93E-04 | 5.73E-05 | 1.03E-04 | 1.25E-05 | 1.29E-05 | 1.33E-05 | 1.37E-05 |
| 167896.849138343909 | 167896.85 | 3909067.66 | FENCEGRD | 5.44E-04 | 5.85E-04 | 6.34E-04 | 6.82E-04 | 5.73E-05 | 1.14E-04 | 1.39E-05 | 1.43E-05 | 1.48E-05 | 1.53E-05 |
| 167908.297638343909 | 167908.30 | 3909045.90 | FENCEGRD | 5.97E-04 | 6.44E-04 | 7.03E-04 | 7.60E-04 | 5.68E-05 | 1.27E-04 | 1.53E-05 | 1.57E-05 | 1.62E-05 | 1.67E-05 |
| 167919.746138343909 | 167919.75 | 3909024.13 | FENCEGRD | 6.37E-04 | 6.90E-04 | 7.56E-04 | 8.18E-04 | 5.58E-05 | 1.41E-04 | 1.65E-05 | 1.70E-05 | 1.75E-05 | 1.80E-05 |
| 167931.194638343909 | 167931.19 | 3909002.37 | FENCEGRD | 6.70E-04 | 7.25E-04 | 7.91E-04 | 8.52E-04 | 5.44E-05 | 1.53E-04 | 1.74E-05 | 1.78E-05 | 1.83E-05 | 1.87E-05 |
| 167942.643138343909 | 167942.64 | 3908980.61 | FENCEGRD | 7.12E-04 | 7.64E-04 | 8.26E-04 | 8.80E-04 | 5.27E-05 | 1.64E-04 | 1.78E-05 | 1.82E-05 | 1.86E-05 | 1.90E-05 |
| 167954.091638343909 | 167954.09 | 3908958.85 | FENCEGRD | 7.60E-04 | 8.07E-04 | 8.61E-04 | 9.07E-04 | 5.07E-05 | 1.74E-04 | 1.79E-05 | 1.82E-05 | 1.85E-05 | 1.88E-05 |
| 167965.540138343909 | 167965.54 | 3908937.09 | FENCEGRD | 8.02E-04 | 8.42E-04 | 8.88E-04 | 9.26E-04 | 4.88E-05 | 1.83E-04 | 1.77E-05 | 1.79E-05 | 1.82E-05 | 1.85E-05 |
| 167759.189566257390 | 167759.19 | 3909405.31 | FENCEGRD | 2.52E-05 | 2.52E-05 | 2.52E-05 | 2.53E-05 | 8.28E-06 | 2.50E-05 | 1.70E-06 | 1.72E-06 | 1.74E-06 | 1.76E-06 |
| 167737.558959589390 | 167737.56 | 3909415.03 | FENCEGRD | 2.64E-05 | 2.69E-05 | 2.77E-05 | 2.85E-05 | 1.03E-05 | 3.02E-05 | 1.95E-06 | 1.98E-06 | 2.00E-06 | 2.03E-06 |
| 167715.928352922390 | 167715.93 | 3909424.75 | FENCEGRD | 3.93E-05 | 4.15E-05 | 4.46E-05 | 4.77E-05 | 1.36E-05 | 3.86E-05 | 2.41E-06 | 2.46E-06 | 2.51E-06 | 2.57E-06 |
| 167694.297746254390 | 167694.30 | 3909434.46 | FENCEGRD | 8.19E-05 | 8.80E-05 | 9.63E-05 | 1.04E-04 | 1.59E-05 | 4.70E-05 | 2.91E-06 | 2.99E-06 | 3.08E-06 | 3.17E-06 |
| 167672.667139586390 | 167672.67 | 3909444.18 | FENCEGRD | 1.38E-04 | 1.47E-04 | 1.60E-04 | 1.70E-04 | 1.54E-05 | 5.17E-05 | 3.27E-06 | 3.37E-06 | 3.48E-06 | 3.59E-06 |
| 167651.036532919390 | 167651.04 | 3909453.89 | FENCEGRD | 1.78E-04 | 1.88E-04 | 1.98E-04 | 2.06E-04 | 1.39E-05 | 5.46E-05 | 3.64E-06 | 3.75E-06 | 3.87E-06 | 3.98E-06 |
| 167629.405926251390 | 167629.41 | 3909463.61 | FENCEGRD | 1.99E-04 | 2.05E-04 | 2.11E-04 | 2.16E-04 | 1.28E-05 | 5.73E-05 | 4.04E-06 | 4.12E-06 | 4.22E-06 | 4.30E-06 |
| 167607.775319583390 | 167607.78 | 3909473.33 | FENCEGRD | 2.05E-04 | 2.09E-04 | 2.13E-04 | 2.18E-04 | 1.27E-05 | 6.00E-05 | 4.34E-06 | 4.40E-06 | 4.46E-06 | 4.51E-06 |
| 167586.144712916390 | 167586.14 | 3909483.04 | FENCEGRD | 2.07E-04 | 2.12E-04 | 2.18E-04 | 2.25E-04 | 1.38E-05 | 6.23E-05 | 4.47E-06 | 4.51E-06 | 4.56E-06 | 4.61E-06 |
| 167564.514106248390 | 167564.51 | 3909492.76 | FENCEGRD | 2.14E-04 | 2.21E-04 | 2.30E-04 | 2.39E-04 | 1.58E-05 | 6.46E-05 | 4.53E-06 | 4.60E-06 | 4.67E-06 | 4.75E-06 |
| 167542.883499583909 | 167542.88 | 3909502.47 | FENCEGRD | 2.29E-04 | 2.38E-04 | 2.50E-04 | 2.62E-04 | 1.78E-05 | 6.82E-05 | 4.76E-06 | 4.87E-06 | 4.98E-06 | 5.10E-06 |
| 167521.252892913390 | 167521.25 | 3909512.19 | FENCEGRD | 2.53E-04 | 2.65E-04 | 2.79E-04 | 2.93E-04 | 1.96E-05 | 7.39E-05 | 5.26E-06 | 5.40E-06 | 5.54E-06 | 5.69E-06 |
| 167411.905846443909 | 167411.91 | 3909409.89 | FENCEGRD | 5.64E-04 | 5.73E-04 | 5.80E-04 | 5.87E-04 | 6.86E-05 | 1.52E-04 | 1.25E-05 | 1.27E-05 | 1.29E-05 | 1.31E-05 |
| 167397.286439805390 | 167397.29 | 3909391.22 | FENCEGRD | 6.08E-04 | 6.19E-04 | 6.30E-04 | 6.40E-04 | 6.86E-05 | 1.64E-04 | 1.41E-05 | 1.43E-05 | 1.45E-05 | 1.48E-05 |
| 167382.667033171390 | 167382.67 | 3909372.55 | FENCEGRD | 6.67E-04 | 6.81E-04 | 6.94E-04 | 7.05E-04 | 6.25E-05 | 1.79E-04 | 1.61E-05 | 1.63E-05 | 1.66E-05 | 1.68E-05 |
| 167368.047626537390 | 167368.05 | 3909353.88 | FENCEGRD | 7.38E-04 | 7.51E-04 | 7.61E-04 | 7.69E-04 | 5.30E-05 | 1.95E-04 | 1.79E-05 | 1.80E-05 | 1.82E-05 | 1.83E-05 |
| 167353.428219903390 | 167353.43 | 3909335.21 | FENCEGRD | 8.09E-04 | 8.15E-04 | 8.17E-04 | 8.16E-04 | 4.29E-05 | 2.11E-04 | 1.89E-05 | 1.89E-05 | 1.89E-05 | 1.88E-05 |
| 167338.808813268390 | 167338.81 | 3909316.54 | FENCEGRD | 8.55E-04 | 8.52E-04 | 8.42E-04 | 8.32E-04 | 3.38E-05 | 2.24E-04 | 1.87E-05 | 1.86E-05 | 1.84E-05 | 1.82E-05 |
| 167324.189406634390 | 167324.19 | 3909297.87 | FENCEGRD | 8.56E-04 | 8.43E-04 | 8.24E-04 | 8.07E-04 | 2.60E-05 | 2.30E-04 | 1.75E-05 | 1.72E-05 | 1.69E-05 | 1.67E-05 |
| 167780.820172925390 | 167780.82 | 3909395.60 | FENCEGRD | 2.68E-05 | 2.65E-05 | 2.61E-05 | 2.58E-05 | 7.15E-06 | 2.17E-05 | 1.55E-06 | 1.57E-06 | 1.58E-06 | 1.60E-06 |
| 167792.268672925390 | 167792.27 | 3909373.84 | FENCEGRD | 2.97E-05 | 2.93E-05 | 2.87E-05 | 2.82E-05 | 8.09E-06 | 2.29E-05 | 1.72E-06 | 1.75E-06 | 1.77E-06 | 1.80E-06 |
| 167803.717172925390 | 167803.72 | 3909352.07 | FENCEGRD | 3.21E-05 | 3.18E-05 | 3.15E-05 | 3.12E-05 | 9.53E-06 | 2.49E-05 | 1.95E-06 | 1.99E-06 | 2.02E-06 | 2.06E-06 |
| 167815.165672925390 | 167815.17 | 3909330.31 | FENCEGRD | 3.32E-05 | 3.33E-05 | 3.34E-05 | 3.35E-05 | 1.28E-05 | 3.01E-05 | 2.46E-06 | 2.52E-06 | 2.56E-06 | 2.62E-06 |
| 167826.614172925390 | 167826.61 | 3909308.55 | FENCEGRD | 4.10E-05 | 4.17E-05 | 4.29E-05 | 4.40E-05 | 1.81E-05 | 3.90E-05 | 3.31E-06 | 3.38E-06 | 3.44E-06 | 3.51E-06 |
| 167838.062672925390 | 167838.06 | 3909286.79 | FENCEGRD | 6.44E-05 | 6.68E-05 | 7.02E- | | | | | | | |

Project Ground Level Concentrations-16<30

| | | | | 16<30 GLC (µg/m³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167656.351475502390 | 167656.35 | 3909494.66 | FENCEGRD | 1.57E-04 | 1.65E-04 | 1.73E-04 | 1.80E-04 | 1.14E-05 | 4.99E-05 | 3.30E-06 | 3.39E-06 | 3.49E-06 | 3.58E-06 |
| 167635.261634001390 | 167635.26 | 3909504.14 | FENCEGRD | 1.73E-04 | 1.79E-04 | 1.84E-04 | 1.89E-04 | 1.10E-05 | 5.23E-05 | 3.68E-06 | 3.75E-06 | 3.84E-06 | 3.91E-06 |
| 167614.171792539095 | 167614.17 | 3909513.61 | FENCEGRD | 1.80E-04 | 1.84E-04 | 1.88E-04 | 1.91E-04 | 1.12E-05 | 5.45E-05 | 3.96E-06 | 4.02E-06 | 4.07E-06 | 4.11E-06 |
| 167593.081950999390 | 167593.08 | 3909523.08 | FENCEGRD | 1.82E-04 | 1.86E-04 | 1.90E-04 | 1.95E-04 | 1.24E-05 | 5.62E-05 | 4.08E-06 | 4.11E-06 | 4.15E-06 | 4.18E-06 |
| 167571.992109498390 | 167571.99 | 3909532.55 | FENCEGRD | 1.87E-04 | 1.92E-04 | 1.98E-04 | 2.05E-04 | 1.40E-05 | 5.80E-05 | 4.10E-06 | 4.14E-06 | 4.18E-06 | 4.23E-06 |
| 167550.902267997390 | 167550.90 | 3909542.03 | FENCEGRD | 1.97E-04 | 2.04E-04 | 2.13E-04 | 2.22E-04 | 1.55E-05 | 6.07E-05 | 4.21E-06 | 4.27E-06 | 4.35E-06 | 4.43E-06 |
| 167529.812426496390 | 167529.81 | 3909551.50 | FENCEGRD | 2.15E-04 | 2.24E-04 | 2.35E-04 | 2.45E-04 | 1.67E-05 | 6.48E-05 | 4.51E-06 | 4.61E-06 | 4.71E-06 | 4.82E-06 |
| 167508.722584995390 | 167508.72 | 3909560.97 | FENCEGRD | 2.39E-04 | 2.50E-04 | 2.63E-04 | 2.75E-04 | 1.88E-05 | 7.09E-05 | 5.06E-06 | 5.18E-06 | 5.31E-06 | 5.44E-06 |
| 167416.363136152390 | 167416.36 | 3909479.43 | FENCEGRD | 4.57E-04 | 4.65E-04 | 4.71E-04 | 4.76E-04 | 4.43E-05 | 1.24E-04 | 9.91E-06 | 1.00E-05 | 1.02E-05 | 1.03E-05 |
| 167402.109214684390 | 167402.11 | 3909461.23 | FENCEGRD | 4.87E-04 | 4.94E-04 | 4.99E-04 | 5.04E-04 | 5.17E-05 | 1.34E-04 | 1.07E-05 | 1.08E-05 | 1.09E-05 | 1.10E-05 |
| 167387.855293216390 | 167387.86 | 3909443.03 | FENCEGRD | 5.20E-04 | 5.27E-04 | 5.33E-04 | 5.38E-04 | 5.94E-05 | 1.43E-04 | 1.16E-05 | 1.17E-05 | 1.19E-05 | 1.20E-05 |
| 167373.601371747390 | 167373.60 | 3909424.82 | FENCEGRD | 5.60E-04 | 5.68E-04 | 5.76E-04 | 5.84E-04 | 6.38E-05 | 1.54E-04 | 1.28E-05 | 1.30E-05 | 1.32E-05 | 1.34E-05 |
| 167359.347450279390 | 167359.35 | 3909406.62 | FENCEGRD | 6.01E-04 | 6.11E-04 | 6.22E-04 | 6.31E-04 | 6.26E-05 | 1.64E-04 | 1.42E-05 | 1.44E-05 | 1.47E-05 | 1.49E-05 |
| 167345.093528813909 | 167345.09 | 3909388.42 | FENCEGRD | 6.50E-04 | 6.62E-04 | 6.72E-04 | 6.81E-04 | 5.74E-05 | 1.75E-04 | 1.57E-05 | 1.59E-05 | 1.61E-05 | 1.62E-05 |
| 167330.839607342390 | 167330.84 | 3909370.21 | FENCEGRD | 7.03E-04 | 7.13E-04 | 7.20E-04 | 7.24E-04 | 5.01E-05 | 1.88E-04 | 1.68E-05 | 1.69E-05 | 1.70E-05 | 1.70E-05 |
| 167316.585685874390 | 167316.59 | 3909352.01 | FENCEGRD | 7.47E-04 | 7.50E-04 | 7.50E-04 | 7.48E-04 | 4.21E-05 | 1.99E-04 | 1.72E-05 | 1.72E-05 | 1.71E-05 | 1.71E-05 |
| 167302.331764405390 | 167302.33 | 3909333.81 | FENCEGRD | 7.75E-04 | 7.71E-04 | 7.62E-04 | 7.54E-04 | 3.46E-05 | 2.09E-04 | 1.69E-05 | 1.68E-05 | 1.66E-05 | 1.65E-05 |
| 167288.077842937390 | 167288.08 | 3909315.61 | FENCEGRD | 7.76E-04 | 7.64E-04 | 7.49E-04 | 7.34E-04 | 2.80E-05 | 2.15E-04 | 1.60E-05 | 1.58E-05 | 1.56E-05 | 1.54E-05 |
| 167273.823921468390 | 167273.82 | 3909297.40 | FENCEGRD | 7.50E-04 | 7.34E-04 | 7.13E-04 | 6.95E-04 | 2.25E-05 | 2.17E-04 | 1.47E-05 | 1.44E-05 | 1.42E-05 | 1.39E-05 |
| 167825.070207513909 | 167825.07 | 3909418.88 | FENCEGRD | 2.92E-05 | 2.88E-05 | 2.84E-05 | 2.80E-05 | 2.90E-06 | 1.04E-05 | 7.28E-07 | 7.32E-07 | 7.35E-07 | 7.37E-07 |
| 167836.518707513909 | 167836.52 | 3909397.12 | FENCEGRD | 3.14E-05 | 3.12E-05 | 3.10E-05 | 3.07E-05 | 3.10E-06 | 1.06E-05 | 7.62E-07 | 7.68E-07 | 7.73E-07 | 7.78E-07 |
| 167847.967207513909 | 167847.97 | 3909375.35 | FENCEGRD | 3.18E-05 | 3.19E-05 | 3.19E-05 | 3.19E-05 | 3.48E-06 | 1.12E-05 | 8.24E-07 | 8.33E-07 | 8.40E-07 | 8.48E-07 |
| 167859.415707509390 | 167859.42 | 3909353.59 | FENCEGRD | 3.08E-05 | 3.09E-05 | 3.11E-05 | 3.11E-05 | 4.68E-06 | 1.35E-05 | 1.03E-06 | 1.04E-06 | 1.05E-06 | 1.07E-06 |
| 167870.864207509390 | 167870.86 | 3909331.83 | FENCEGRD | 3.01E-05 | 3.01E-05 | 3.02E-05 | 3.03E-05 | 7.92E-06 | 1.97E-05 | 1.60E-06 | 1.63E-06 | 1.65E-06 | 1.68E-06 |
| 167882.312707509390 | 167882.31 | 3909310.07 | FENCEGRD | 3.26E-05 | 3.28E-05 | 3.31E-05 | 3.33E-05 | 1.23E-05 | 2.80E-05 | 2.36E-06 | 2.41E-06 | 2.45E-06 | 2.49E-06 |
| 167893.761207509390 | 167893.76 | 3909288.31 | FENCEGRD | 3.94E-05 | 3.99E-05 | 4.06E-05 | 4.14E-05 | 1.53E-05 | 3.27E-05 | 2.81E-06 | 2.86E-06 | 2.91E-06 | 2.96E-06 |
| 167905.209707509390 | 167905.21 | 3909266.55 | FENCEGRD | 4.10E-05 | 4.15E-05 | 4.22E-05 | 4.30E-05 | 1.68E-05 | 3.34E-05 | 2.86E-06 | 2.92E-06 | 2.97E-06 | 3.03E-06 |
| 167916.658207509390 | 167916.66 | 3909244.78 | FENCEGRD | 4.15E-05 | 4.21E-05 | 4.28E-05 | 4.35E-05 | 1.84E-05 | 3.44E-05 | 2.98E-06 | 3.05E-06 | 3.10E-06 | 3.17E-06 |
| 167928.106707509390 | 167928.11 | 3909223.02 | FENCEGRD | 4.87E-05 | 4.97E-05 | 5.11E-05 | 5.25E-05 | 2.17E-05 | 3.94E-05 | 3.49E-06 | 3.56E-06 | 3.63E-06 | 3.71E-06 |
| 167939.555207509390 | 167939.56 | 3909201.26 | FENCEGRD | 6.41E-05 | 6.62E-05 | 6.89E-05 | 7.17E-05 | 2.56E-05 | 4.63E-05 | 4.20E-06 | 4.30E-06 | 4.38E-06 | 4.49E-06 |
| 167951.003707513909 | 167951.00 | 3909179.50 | FENCEGRD | 8.42E-05 | 8.77E-05 | 9.25E-05 | 9.73E-05 | 2.91E-05 | 5.33E-05 | 4.98E-06 | 5.10E-06 | 5.22E-06 | 5.34E-06 |
| 167962.452207513909 | 167962.45 | 3909157.74 | FENCEGRD | 1.10E-04 | 1.15E-04 | 1.23E-04 | 1.31E-04 | 3.21E-05 | 5.98E-05 | 5.78E-06 | 5.93E-06 | 6.08E-06 | 6.23E-06 |
| 167973.900707513909 | 167973.90 | 3909135.98 | FENCEGRD | 1.42E-04 | 1.51E-04 | 1.62E-04 | 1.73E-04 | 3.46E-05 | 6.60E-05 | 6.56E-06 | 6.73E-06 | 6.90E-06 | 7.07E-06 |
| 167985.349207513909 | 167985.35 | 3909114.22 | FENCEGRD | 1.77E-04 | 1.89E-04 | 2.03E-04 | 2.18E-04 | 3.67E-05 | 7.18E-05 | 7.28E-06 | 7.46E-06 | 7.65E-06 | 7.84E-06 |
| 167996.797707513909 | 167996.80 | 3909092.45 | FENCEGRD | 2.24E-04 | 2.39E-04 | 2.58E-04 | 2.76E-04 | 3.85E-05 | 7.77E-05 | 7.98E-06 | 8.17E-06 | 8.37E-06 | 8.56E-06 |
| 168008.246207513909 | 168008.25 | 3909070.69 | FENCEGRD | 2.78E-04 | 2.95E-04 | 3.16E-04 | 3.36E-04 | 3.99E-05 | 8.35E-05 | 8.64E-06 | 8.84E-06 | 9.05E-06 | 9.26E-06 |
| 168019.694707513909 | 168019.69 | 3909048.93 | FENCEGRD | 3.25E-04 | 3.44E-04 | 3.66E-04 | 3.87E-04 | 4.08E-05 | 8.92E-05 | 9.30E-06 | 9.51E-06 | 9.74E-06 | 9.97E-06 |
| 168031.143207513909 | 168031.14 | 3909027.17 | FENCEGRD | 3.66E-04 | 3.86E-04 | 4.11E-04 | 4.35E-04 | 4.15E-05 | 9.53E-05 | 9.96E-06 | 1.02E-05 | 1.04E-05 | 1.07E-05 |
| 168042.591707513909 | 168042.59 | 3909005.41 | FENCEGRD | 4.06E-04 | 4.29E-04 | 4.58E-04 | 4.84E-04 | 4.20E-05 | 1.02E-04 | 1.06E-05 | 1.09E-05 | 1.12E-05 | 1.14E-05 |
| 168054.040207513908 | 168054.04 | 3908983.65 | FENCEGRD | 4.50E-04 | 4.76E-04 | 5.07E-04 | 5.36E-04 | 4.24E-05 | 1.08E-04 | 1.13E-05 | 1.16E-05 | 1.18E-05 | 1.21E-05 |
| 167892.145675789390 | 167892.15 | 3909475.06 | FENCEGRD | 2.95E-05 | 2.94E-05 | 2.93E-05 | 2.92E-05 | 2.24E-06 | 8.22E-06 | 6.10E-07 | 6.12E-07 | 6.15E-07 | 6.17E-07 |
| 167870.721074939094 | 167870.72 | 3909484.68 | FENCEGRD | 2.76E-05 | 2.74E-05 | 2.72E-05 | 2.69E-05 | 2.24E-06 | 8.39E-06 | 6.07E-07 | 6.09E-07 | 6.10E-07 | 6.10E-07 |
| 167849.296474013909 | 167849.30 | 3909494.31 | FENCEGRD | 2.53E-05 | 2.51E-05 | 2.49E-05 | 2.47E-05 | 2.25E-06 | 8.65E-06 | 5.94E-07 | 5.95E-07 | 5.94E-07 | 5.94E-07 |
| 167827.871873123909 | 167827.87 | 3909503.93 | FENCEGRD | 2.35E-05 | 2.34E-05 | 2.33E-05 | 2.32E-05 | 2.33E-06 | 9.18E-06 | 5.82E-07 | 5.82E-07 | 5.81E-07 | 5.81E-07 |
| 167806.447272233909 | 167806.45 | 3909513.55 | FENCEGRD | 2.25E-05 | 2.25E-05 | 2.25E-05 | 2.26E-05 | 2.63E-06 | 1.06E-05 | 6.06E-07 | 6.09E-07 | 6.09E-07 | 6.11E-07 |
| 167785.022671343909 | 167785.02 | 3909523.18 | FENCEGRD | 2.23E-05 | 2.25E-05 | 2.28E-05 | 2.31E-05 | 3.65E-06 | 1.42E-05 | 7.71E-07 | 7.79E-07 | 7.85E-07 | 7.93E-07 |
| 167763.598070453909 | 167763.60 | 3909532.80 | FENCEGRD | 2.43E-05 | 2.49E-05 | 2.58E-05 | 2.66E-05 | 5.59E-06 | 2.04E-05 | 1.11E-06 | 1.13E-06 | 1.15E-06 | 1.17E-06 |
| 167742.173469563909 | 167742.17 | 3909542.42 | FENCEGRD | 3.46E-05 | 3.62E-05 | 3.84E-05 | 4.04E-05 | 7.62E-06 | 2.74E-05 | 1.53E-06 | 1.57E-06 | 1.60E-06 | 1.64E-06 |
| 167720.748868671390 | 167720.75 | 3909552.05 | FENCEGRD | 5.33E-05 | 5.63E-05 | 6.02E-05 | 6.39E-05 | 8.71E-06 | 3.30E-05 | 1.92E-06 | 1.97E-06 | 2.02E-06 | 2.07E-06 |
| 167699.324267781390 | 167699.32 | 3909561.67 | FENCEGRD | 7.32E-05 | 7.75E-05 | 8.31E-05 | 8.82E-05 | 8.85E-06 | 3.70E-05 | 2.25E-06 | 2.31E-06 | 2.37E-06 | 2.44E-06 |
| 167677.899666891390 | 167677.90 | 3909571.29 | FENCEGRD | 9.10E-05 | 9.62E-05 | 1.03E-04 | 1.08E-04 | 8.67E-06 | 3.98E-05 | 2.58E-06 | 2.65E-06 | 2.72E-06 | 2.79E-06 |
| 167656.475066001390 | 167656.48 | 3909580.92 | FENCEGRD | 1.09E-04 | 1.14E-04 | 1.20E-04 | 1.25E-04 | 8.74E-06 | 4.24E-05 | 2.93E-06 | 3.00E-06 | 3.07E-06 | 3.14E-06 |
| 167635.050465111390 | 167635.05 | 3909590.54 | FENCEGRD | 1.29E-04 | 1.33E-04 | 1.37E-04 | 1.41E-04 | 9.24E-06 | 4.47E-05 | 3.24E-06 | 3.30E-06 | 3.35E-06 | 3.41E-06 |
| 167613.625864221390 | 167613.63 | 3909600.17 | FENCEGRD | 1.41E-04 | 1.44E-04 | 1.46E-04 | 1.49E-04 | 1.01E-05 | 4.65E-05 | 3.42E-06 | 3.45E-06 | 3.49E-06 | 3.52E-06 |
| 167592.201263331390 | 167592.20 | 3909609.79 | FENCEGRD | 1.48E-04 | 1.50E-04 | 1.53E-04 | 1.56E-04 | 1.11E-05 | 4.79E-05 | 3.46E-06 | 3.49E-06 | 3.51E-06 | 3.53E-06 |
| 167570.776662442390 | 167570.78 | 3909619.41 | FENCEGRD | 1.56E-04 | 1.59E-04 | 1.64E-04 | 1.68E-04 | 1.23E-05 | 5.00E-05 | 3.51E-06 | 3.53E-06 | 3.56E-06 | 3.59E-06 |
| 167549.352061552390 | 167549.35 | 3909629.04 | FENCEGRD | 1.68E-04 | 1.73E-04 | 1.80E-04 | 1.86E-04 | 1.35E-05 | 5.31E-05 | 3.67E-06 | 3.71E-06 | 3.76E-06 | 3.82E-06 |
| 167527.927460662390 | 167527.93 | 3909638.66 | FENCEGRD | 1.85E-04 | 1.91E-04 | 2.00E-04 | 2.08E-04 | 1.48E-05 | 5.76E-05 | 3.99E-06 | 4.06E-06 | 4.14E-06 | 4.22E-06 |
| 167518.002116919390 | 167518.00 | 3909600.16 | FENCEGRD | 2.08E-04 | 2.16E-04 | 2.26E-04 | 2.36E-04 | 1.64E-05 | 6.33E-05 | 4.42E-06 | 4.52E-06 | 4.62E-06 | 4.72E-06 |
| 167385.289837416390 | 167385.29 | 3909619.12 | FENCEGRD | 2.90E-04 | 2.94E-04 | 2.99E-04 | 3.03E-04 | 2.49E-05 | 8.94E-05 | 6.57E-06 | 6.63E-06 | 6.71E-06 | 6.78E-06 |
| 167391.252787042390 | 167391.25 | 3909575.07 | FENCEGRD | 3.40E-04 | 3.45E-04 | 3.51E-04 | 3.55E-04 | 2.99E-05 | 1.01E-04 | 7.62E-06 | 7.69E-06 | 7.79E-06 | 7.87E-06 |
| 167376.772612852390 | 167376.77 | 3909556.58 | FENCEGRD | 3.70E-04 | 3.75E-04 | 3.80E- | | | | | | | |

Project Ground Level Concentrations-16<30

| | | | | 16<30 GLC (µg/m³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.158276679390 | 168005.16 | 3909291.34 | FENCEGRD | 3.33E-05 | 3.35E-05 | 3.38E-05 | 3.40E-05 | 6.92E-06 | 1.70E-05 | 1.34E-06 | 1.36E-06 | 1.38E-06 | 1.40E-06 |
| 168016.606776679390 | 168016.61 | 3909269.58 | FENCEGRD | 3.60E-05 | 3.64E-05 | 3.69E-05 | 3.74E-05 | 9.95E-06 | 2.32E-05 | 1.85E-06 | 1.88E-06 | 1.91E-06 | 1.94E-06 |
| 168028.055276679390 | 168028.06 | 3909247.82 | FENCEGRD | 4.43E-05 | 4.52E-05 | 4.63E-05 | 4.75E-05 | 1.30E-05 | 2.97E-05 | 2.38E-06 | 2.42E-06 | 2.46E-06 | 2.50E-06 |
| 168039.503776679390 | 168039.50 | 3909226.06 | FENCEGRD | 5.54E-05 | 5.69E-05 | 5.88E-05 | 6.07E-05 | 1.54E-05 | 3.50E-05 | 2.83E-06 | 2.88E-06 | 2.92E-06 | 2.98E-06 |
| 168050.952276679390 | 168050.95 | 3909204.30 | FENCEGRD | 6.79E-05 | 7.00E-05 | 7.29E-05 | 7.57E-05 | 1.76E-05 | 3.99E-05 | 3.28E-06 | 3.34E-06 | 3.40E-06 | 3.46E-06 |
| 168062.400776679390 | 168062.40 | 3909182.54 | FENCEGRD | 8.36E-05 | 8.70E-05 | 9.13E-05 | 9.55E-05 | 1.96E-05 | 4.45E-05 | 3.77E-06 | 3.84E-06 | 3.91E-06 | 3.99E-06 |
| 168073.849276679390 | 168073.85 | 3909160.77 | FENCEGRD | 1.04E-04 | 1.08E-04 | 1.14E-04 | 1.20E-04 | 2.13E-05 | 4.87E-05 | 4.27E-06 | 4.35E-06 | 4.44E-06 | 4.52E-06 |
| 168085.297776679390 | 168085.30 | 3909139.01 | FENCEGRD | 1.27E-04 | 1.34E-04 | 1.41E-04 | 1.48E-04 | 2.29E-05 | 5.26E-05 | 4.76E-06 | 4.86E-06 | 4.95E-06 | 5.05E-06 |
| 168096.746276679390 | 168096.75 | 3909117.25 | FENCEGRD | 1.53E-04 | 1.61E-04 | 1.70E-04 | 1.79E-04 | 2.44E-05 | 5.63E-05 | 5.22E-06 | 5.32E-06 | 5.42E-06 | 5.53E-06 |
| 168108.194776679390 | 168108.19 | 3909095.49 | FENCEGRD | 1.82E-04 | 1.91E-04 | 2.02E-04 | 2.12E-04 | 2.60E-05 | 5.98E-05 | 5.65E-06 | 5.75E-06 | 5.86E-06 | 5.97E-06 |
| 168119.643276679390 | 168119.64 | 3909073.73 | FENCEGRD | 2.10E-04 | 2.21E-04 | 2.33E-04 | 2.44E-04 | 2.75E-05 | 6.35E-05 | 6.05E-06 | 6.16E-06 | 6.27E-06 | 6.38E-06 |
| 168131.091776679390 | 168131.09 | 3909051.97 | FENCEGRD | 2.37E-04 | 2.48E-04 | 2.61E-04 | 2.72E-04 | 2.90E-05 | 6.73E-05 | 6.45E-06 | 6.56E-06 | 6.68E-06 | 6.80E-06 |
| 168142.540276679390 | 168142.54 | 3909030.21 | FENCEGRD | 2.61E-04 | 2.72E-04 | 2.85E-04 | 2.97E-04 | 3.03E-05 | 7.14E-05 | 6.87E-06 | 6.99E-06 | 7.12E-06 | 7.24E-06 |
| 167980.439739182390 | 167980.44 | 3909521.71 | FENCEGRD | 2.78E-05 | 2.80E-05 | 2.83E-05 | 2.85E-05 | 2.04E-06 | 7.52E-06 | 5.59E-07 | 5.62E-07 | 5.65E-07 | 5.68E-07 |
| 167958.809132514390 | 167958.81 | 3909531.43 | FENCEGRD | 2.80E-05 | 2.81E-05 | 2.82E-05 | 2.83E-05 | 2.00E-06 | 7.45E-06 | 5.59E-07 | 5.61E-07 | 5.64E-07 | 5.66E-07 |
| 167937.178525846390 | 167937.18 | 3909541.14 | FENCEGRD | 2.72E-05 | 2.72E-05 | 2.71E-05 | 2.71E-05 | 1.98E-06 | 7.43E-06 | 5.58E-07 | 5.60E-07 | 5.61E-07 | 5.63E-07 |
| 167915.547919179390 | 167915.55 | 3909550.86 | FENCEGRD | 2.56E-05 | 2.55E-05 | 2.53E-05 | 2.51E-05 | 1.97E-06 | 7.47E-06 | 5.51E-07 | 5.52E-07 | 5.52E-07 | 5.53E-07 |
| 167893.917312511390 | 167893.92 | 3909560.58 | FENCEGRD | 2.37E-05 | 2.35E-05 | 2.33E-05 | 2.32E-05 | 1.98E-06 | 7.63E-06 | 5.38E-07 | 5.38E-07 | 5.38E-07 | 5.38E-07 |
| 167872.286705843390 | 167872.29 | 3909570.29 | FENCEGRD | 2.21E-05 | 2.20E-05 | 2.19E-05 | 2.19E-05 | 2.06E-06 | 8.08E-06 | 5.30E-07 | 5.30E-07 | 5.30E-07 | 5.30E-07 |
| 167850.656099176390 | 167850.66 | 3909580.01 | FENCEGRD | 2.10E-05 | 2.11E-05 | 2.11E-05 | 2.11E-05 | 2.37E-06 | 9.44E-06 | 5.65E-07 | 5.67E-07 | 5.68E-07 | 5.70E-07 |
| 167829.025492508390 | 167829.03 | 3909589.72 | FENCEGRD | 2.07E-05 | 2.08E-05 | 2.10E-05 | 2.11E-05 | 3.19E-06 | 1.23E-05 | 7.01E-07 | 7.07E-07 | 7.11E-07 | 7.16E-07 |
| 167807.394885843909 | 167807.39 | 3909599.44 | FENCEGRD | 2.23E-05 | 2.26E-05 | 2.32E-05 | 2.37E-05 | 4.51E-06 | 1.68E-05 | 9.33E-07 | 9.45E-07 | 9.55E-07 | 9.67E-07 |
| 167785.764279173390 | 167785.76 | 3909609.16 | FENCEGRD | 2.96E-05 | 3.06E-05 | 3.21E-05 | 3.34E-05 | 5.95E-06 | 2.21E-05 | 1.23E-06 | 1.25E-06 | 1.27E-06 | 1.29E-06 |
| 167764.133672505390 | 167764.13 | 3909618.87 | FENCEGRD | 4.44E-05 | 4.64E-05 | 4.91E-05 | 5.16E-05 | 6.87E-06 | 2.71E-05 | 1.52E-06 | 1.54E-06 | 1.57E-06 | 1.60E-06 |
| 167742.503065837390 | 167742.50 | 3909628.59 | FENCEGRD | 6.19E-05 | 6.48E-05 | 6.86E-05 | 7.20E-05 | 7.02E-06 | 3.07E-05 | 1.75E-06 | 1.78E-06 | 1.82E-06 | 1.86E-06 |
| 167720.872459173909 | 167720.87 | 3909638.30 | FENCEGRD | 7.80E-05 | 8.16E-05 | 8.61E-05 | 9.03E-05 | 6.78E-06 | 3.33E-05 | 1.95E-06 | 1.99E-06 | 2.03E-06 | 2.08E-06 |
| 167699.241852502390 | 167699.24 | 3909648.02 | FENCEGRD | 9.22E-05 | 9.64E-05 | 1.01E-04 | 1.06E-04 | 6.66E-06 | 3.53E-05 | 2.16E-06 | 2.20E-06 | 2.25E-06 | 2.30E-06 |
| 167677.611245834390 | 167677.61 | 3909657.74 | FENCEGRD | 1.06E-04 | 1.10E-04 | 1.15E-04 | 1.19E-04 | 6.81E-06 | 3.72E-05 | 2.39E-06 | 2.44E-06 | 2.49E-06 | 2.54E-06 |
| 167655.980639167390 | 167655.98 | 3909667.45 | FENCEGRD | 1.18E-04 | 1.22E-04 | 1.26E-04 | 1.29E-04 | 7.29E-06 | 3.90E-05 | 2.62E-06 | 2.67E-06 | 2.71E-06 | 2.76E-06 |
| 167634.350032499390 | 167634.35 | 3909677.17 | FENCEGRD | 1.28E-04 | 1.31E-04 | 1.34E-04 | 1.36E-04 | 8.11E-06 | 4.09E-05 | 2.84E-06 | 2.88E-06 | 2.92E-06 | 2.95E-06 |
| 167612.719425831390 | 167612.72 | 3909686.88 | FENCEGRD | 1.34E-04 | 1.36E-04 | 1.39E-04 | 1.41E-04 | 9.19E-06 | 4.27E-05 | 3.02E-06 | 3.04E-06 | 3.07E-06 | 3.10E-06 |
| 167591.088819164390 | 167591.09 | 3909696.60 | FENCEGRD | 1.40E-04 | 1.42E-04 | 1.46E-04 | 1.49E-04 | 1.05E-05 | 4.48E-05 | 3.16E-06 | 3.19E-06 | 3.21E-06 | 3.24E-06 |
| 167569.458212496390 | 167569.46 | 3909706.32 | FENCEGRD | 1.49E-04 | 1.53E-04 | 1.57E-04 | 1.62E-04 | 1.20E-05 | 4.77E-05 | 3.35E-06 | 3.39E-06 | 3.42E-06 | 3.45E-06 |
| 167547.827605829390 | 167547.83 | 3909716.03 | FENCEGRD | 1.56E-04 | 1.61E-04 | 1.66E-04 | 1.72E-04 | 1.30E-05 | 5.03E-05 | 3.52E-06 | 3.56E-06 | 3.61E-06 | 3.66E-06 |
| 167482.935785826390 | 167482.94 | 3909745.18 | FENCEGRD | 1.70E-04 | 1.72E-04 | 1.75E-04 | 1.77E-04 | 1.25E-05 | 5.65E-05 | 3.77E-06 | 3.80E-06 | 3.84E-06 | 3.88E-06 |
| 167461.305179158390 | 167461.31 | 3909754.90 | FENCEGRD | 1.67E-04 | 1.70E-04 | 1.72E-04 | 1.74E-04 | 1.25E-05 | 5.61E-05 | 3.76E-06 | 3.79E-06 | 3.84E-06 | 3.87E-06 |
| 167425.055165856390 | 167425.06 | 3909745.94 | FENCEGRD | 1.79E-04 | 1.82E-04 | 1.84E-04 | 1.87E-04 | 1.41E-05 | 6.00E-05 | 4.12E-06 | 4.16E-06 | 4.20E-06 | 4.24E-06 |
| 167410.435759222390 | 167410.44 | 3909727.27 | FENCEGRD | 1.92E-04 | 1.95E-04 | 1.98E-04 | 2.00E-04 | 1.55E-05 | 6.37E-05 | 4.43E-06 | 4.47E-06 | 4.52E-06 | 4.56E-06 |
| 167395.816352588390 | 167395.82 | 3909708.60 | FENCEGRD | 2.06E-04 | 2.09E-04 | 2.12E-04 | 2.15E-04 | 1.70E-05 | 6.75E-05 | 4.75E-06 | 4.79E-06 | 4.85E-06 | 4.89E-06 |
| 167381.196945953390 | 167381.20 | 3909689.93 | FENCEGRD | 2.20E-04 | 2.23E-04 | 2.27E-04 | 2.30E-04 | 1.86E-05 | 7.14E-05 | 5.09E-06 | 5.14E-06 | 5.19E-06 | 5.25E-06 |
| 167366.577539319390 | 167366.58 | 3909671.26 | FENCEGRD | 2.40E-04 | 2.43E-04 | 2.47E-04 | 2.50E-04 | 2.09E-05 | 7.69E-05 | 5.56E-06 | 5.62E-06 | 5.68E-06 | 5.74E-06 |
| 167351.958132685390 | 167351.96 | 3909652.59 | FENCEGRD | 2.65E-04 | 2.69E-04 | 2.73E-04 | 2.76E-04 | 2.36E-05 | 8.41E-05 | 6.18E-06 | 6.24E-06 | 6.30E-06 | 6.36E-06 |
| 167337.338726051390 | 167337.34 | 3909633.92 | FENCEGRD | 2.93E-04 | 2.97E-04 | 3.01E-04 | 3.04E-04 | 2.68E-05 | 9.22E-05 | 6.89E-06 | 6.94E-06 | 7.01E-06 | 7.07E-06 |
| 167322.719319416390 | 167322.72 | 3909615.25 | FENCEGRD | 3.19E-04 | 3.23E-04 | 3.25E-04 | 3.28E-04 | 2.98E-05 | 9.97E-05 | 7.53E-06 | 7.58E-06 | 7.64E-06 | 7.70E-06 |
| 167308.099912782390 | 167308.10 | 3909596.58 | FENCEGRD | 3.42E-04 | 3.45E-04 | 3.47E-04 | 3.49E-04 | 3.30E-05 | 1.06E-04 | 8.09E-06 | 8.14E-06 | 8.20E-06 | 8.26E-06 |
| 167293.480506148390 | 167293.48 | 3909577.92 | FENCEGRD | 3.61E-04 | 3.64E-04 | 3.67E-04 | 3.69E-04 | 3.65E-05 | 1.12E-04 | 8.60E-06 | 8.66E-06 | 8.72E-06 | 8.78E-06 |
| 167278.861099514390 | 167278.86 | 3909559.25 | FENCEGRD | 3.83E-04 | 3.86E-04 | 3.90E-04 | 3.93E-04 | 4.07E-05 | 1.18E-04 | 9.20E-06 | 9.27E-06 | 9.35E-06 | 9.43E-06 |
| 167264.241692879390 | 167264.24 | 3909540.58 | FENCEGRD | 4.12E-04 | 4.16E-04 | 4.21E-04 | 4.25E-04 | 4.51E-05 | 1.26E-04 | 1.00E-05 | 1.01E-05 | 1.02E-05 | 1.03E-05 |
| 167249.622286245390 | 167249.62 | 3909521.91 | FENCEGRD | 4.44E-04 | 4.50E-04 | 4.55E-04 | 4.60E-04 | 4.84E-05 | 1.34E-04 | 1.10E-05 | 1.11E-05 | 1.12E-05 | 1.13E-05 |
| 167235.002879611390 | 167235.00 | 3909503.24 | FENCEGRD | 4.78E-04 | 4.84E-04 | 4.90E-04 | 4.94E-04 | 4.97E-05 | 1.42E-04 | 1.19E-05 | 1.21E-05 | 1.22E-05 | 1.23E-05 |
| 167220.383472977390 | 167220.38 | 3909484.57 | FENCEGRD | 5.13E-04 | 5.19E-04 | 5.23E-04 | 5.27E-04 | 4.92E-05 | 1.52E-04 | 1.28E-05 | 1.29E-05 | 1.30E-05 | 1.31E-05 |
| 167205.764066342390 | 167205.76 | 3909465.90 | FENCEGRD | 5.43E-04 | 5.46E-04 | 5.48E-04 | 5.49E-04 | 4.69E-05 | 1.60E-04 | 1.35E-05 | 1.35E-05 | 1.35E-05 | 1.36E-05 |
| 167191.144659708390 | 167191.14 | 3909447.23 | FENCEGRD | 5.65E-04 | 5.66E-04 | 5.65E-04 | 5.63E-04 | 4.37E-05 | 1.67E-04 | 1.37E-05 | 1.37E-05 | 1.37E-05 | 1.37E-05 |
| 167176.525253074390 | 167176.53 | 3909428.56 | FENCEGRD | 5.79E-04 | 5.76E-04 | 5.71E-04 | 5.67E-04 | 4.00E-05 | 1.74E-04 | 1.37E-05 | 1.37E-05 | 1.36E-05 | 1.36E-05 |
| 167161.905846443909 | 167161.91 | 3909409.89 | FENCEGRD | 5.81E-04 | 5.76E-04 | 5.68E-04 | 5.61E-04 | 3.60E-05 | 1.78E-04 | 1.34E-05 | 1.33E-05 | 1.32E-05 | 1.31E-05 |
| 167147.286439805390 | 167147.29 | 3909391.22 | FENCEGRD | 5.75E-04 | 5.67E-04 | 5.56E-04 | 5.47E-04 | 3.21E-05 | 1.81E-04 | 1.29E-05 | 1.28E-05 | 1.27E-05 | 1.25E-05 |
| 167132.667033171390 | 167132.67 | 3909372.55 | FENCEGRD | 5.57E-04 | 5.46E-04 | 5.34E-04 | 5.24E-04 | 2.83E-05 | 1.81E-04 | 1.22E-05 | 1.20E-05 | 1.19E-05 | 1.17E-05 |
| 167118.047626537390 | 167118.05 | 3909353.88 | FENCEGRD | 5.32E-04 | 5.20E-04 | 5.07E-04 | 4.96E-04 | 2.47E-05 | 1.79E-04 | 1.13E-05 | 1.12E-05 | 1.10E-05 | 1.09E-05 |
| 167103.428219903390 | 167103.43 | 3909335.21 | FENCEGRD | 5.02E-04 | 4.90E-04 | 4.76E-04 | 4.64E-04 | 2.14E-05 | 1.75E-04 | 1.05E-05 | 1.03E-05 | 1.02E-05 | 1.01E-05 |
| 167088.808813268390 | 167088.81 | 3909316.54 | FENCEGRD | 4.69E-04 | 4.56E-04 | 4.43E-04 | 4.31E-04 | 1.84E-05 | 1.70E-04 | 9.62E-06 | 9.48E-06 | 9.35E-06 | 9.22E-06 |
| 167074.189406634390 | 167074.19 | 3909297.87 | FENCEGRD | 4.34E-04 | 4.22E-04 | 4.09E-04 | 3.98E-04 | 1.57E-05 | 1.63E-04 | 8.79E-06 | 8.66E-06 | 8.53E-06 | 8.41E-06 |
| 168002.070345849390 | 168002.07 | 3909511.99 | FENCEGRD | 2.70E-05 | 2.72E-05 | 2.75E- | | | | | | | |

Project Ground Level Concentrations-16<30

| | | | | 16<30 GLC (µg/m ³) | | | | | | | | | |
|----------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168025.259938113390 | 168025.26 | 3909587.89 | FENCEGRD | 2.88E-05 | 2.92E-05 | 2.96E-05 | 3.00E-05 | 3.99E-06 | 1.36E-05 | 1.06E-06 | 1.07E-06 | 1.09E-06 | 1.10E-06 |
| 168003.489779144390 | 168003.49 | 3909597.67 | FENCEGRD | 2.85E-05 | 2.87E-05 | 2.90E-05 | 2.93E-05 | 3.96E-06 | 1.34E-05 | 1.07E-06 | 1.08E-06 | 1.09E-06 | 1.10E-06 |
| 167981.719620175390 | 167981.72 | 3909607.45 | FENCEGRD | 2.74E-05 | 2.76E-05 | 2.77E-05 | 2.79E-05 | 3.94E-06 | 1.34E-05 | 1.07E-06 | 1.08E-06 | 1.09E-06 | 1.10E-06 |
| 167959.949461207390 | 167959.95 | 3909617.23 | FENCEGRD | 2.52E-05 | 2.52E-05 | 2.52E-05 | 2.53E-05 | 3.71E-06 | 1.28E-05 | 9.99E-07 | 1.01E-06 | 1.01E-06 | 1.02E-06 |
| 167938.179302238390 | 167938.18 | 3909627.00 | FENCEGRD | 2.29E-05 | 2.29E-05 | 2.29E-05 | 2.29E-05 | 3.46E-06 | 1.21E-05 | 9.06E-07 | 9.13E-07 | 9.17E-07 | 9.22E-07 |
| 167916.409143269390 | 167916.41 | 3909636.78 | FENCEGRD | 2.18E-05 | 2.18E-05 | 2.19E-05 | 2.20E-05 | 3.60E-06 | 1.25E-05 | 8.93E-07 | 8.99E-07 | 9.02E-07 | 9.06E-07 |
| 167894.638984339096 | 167894.64 | 3909646.56 | FENCEGRD | 2.17E-05 | 2.19E-05 | 2.21E-05 | 2.23E-05 | 4.02E-06 | 1.38E-05 | 9.30E-07 | 9.37E-07 | 9.41E-07 | 9.46E-07 |
| 167872.868825332390 | 167872.87 | 3909656.34 | FENCEGRD | 2.37E-05 | 2.41E-05 | 2.46E-05 | 2.51E-05 | 4.71E-06 | 1.60E-05 | 1.02E-06 | 1.03E-06 | 1.04E-06 | 1.05E-06 |
| 167851.098666363390 | 167851.10 | 3909666.12 | FENCEGRD | 2.96E-05 | 3.04E-05 | 3.14E-05 | 3.24E-05 | 5.54E-06 | 1.92E-05 | 1.17E-06 | 1.18E-06 | 1.19E-06 | 1.20E-06 |
| 167829.328507394390 | 167829.33 | 3909675.90 | FENCEGRD | 4.01E-05 | 4.14E-05 | 4.31E-05 | 4.47E-05 | 6.11E-06 | 2.24E-05 | 1.31E-06 | 1.32E-06 | 1.33E-06 | 1.35E-06 |
| 167807.558348426390 | 167807.56 | 3909685.68 | FENCEGRD | 5.19E-05 | 5.37E-05 | 5.60E-05 | 5.82E-05 | 6.13E-06 | 2.50E-05 | 1.40E-06 | 1.42E-06 | 1.44E-06 | 1.45E-06 |
| 167785.788189457390 | 167785.79 | 3909695.46 | FENCEGRD | 6.25E-05 | 6.47E-05 | 6.75E-05 | 7.00E-05 | 5.86E-06 | 2.70E-05 | 1.49E-06 | 1.51E-06 | 1.53E-06 | 1.55E-06 |
| 167764.018030488390 | 167764.02 | 3909705.23 | FENCEGRD | 7.15E-05 | 7.40E-05 | 7.72E-05 | 8.00E-05 | 5.60E-06 | 2.88E-05 | 1.59E-06 | 1.62E-06 | 1.65E-06 | 1.67E-06 |
| 167742.247871519390 | 167742.25 | 3909715.01 | FENCEGRD | 8.08E-05 | 8.37E-05 | 8.74E-05 | 9.06E-05 | 5.51E-06 | 3.07E-05 | 1.74E-06 | 1.76E-06 | 1.80E-06 | 1.83E-06 |
| 167720.477712551390 | 167720.48 | 3909724.79 | FENCEGRD | 9.05E-05 | 9.38E-05 | 9.79E-05 | 1.01E-04 | 5.64E-06 | 3.26E-05 | 1.91E-06 | 1.95E-06 | 1.98E-06 | 2.02E-06 |
| 167698.707553582390 | 167698.71 | 3909734.57 | FENCEGRD | 1.01E-04 | 1.04E-04 | 1.09E-04 | 1.12E-04 | 6.03E-06 | 3.46E-05 | 2.12E-06 | 2.16E-06 | 2.20E-06 | 2.24E-06 |
| 167676.937394613390 | 167676.94 | 3909744.35 | FENCEGRD | 1.11E-04 | 1.14E-04 | 1.19E-04 | 1.22E-04 | 6.70E-06 | 3.67E-05 | 2.36E-06 | 2.40E-06 | 2.44E-06 | 2.48E-06 |
| 167655.167235645390 | 167655.17 | 3909754.13 | FENCEGRD | 1.19E-04 | 1.23E-04 | 1.26E-04 | 1.30E-04 | 7.58E-06 | 3.86E-05 | 2.60E-06 | 2.64E-06 | 2.68E-06 | 2.71E-06 |
| 167633.397076676390 | 167633.40 | 3909763.91 | FENCEGRD | 1.26E-04 | 1.28E-04 | 1.32E-04 | 1.35E-04 | 8.61E-06 | 4.04E-05 | 2.81E-06 | 2.84E-06 | 2.87E-06 | 2.91E-06 |
| 167611.626917707390 | 167611.63 | 3909773.69 | FENCEGRD | 1.31E-04 | 1.34E-04 | 1.37E-04 | 1.40E-04 | 9.87E-06 | 4.24E-05 | 3.00E-06 | 3.04E-06 | 3.06E-06 | 3.10E-06 |
| 167524.546281832390 | 167524.55 | 3909812.80 | FENCEGRD | 1.41E-04 | 1.43E-04 | 1.44E-04 | 1.45E-04 | 1.10E-05 | 4.74E-05 | 3.23E-06 | 3.24E-06 | 3.26E-06 | 3.27E-06 |
| 167502.776122863390 | 167502.78 | 3909822.58 | FENCEGRD | 1.40E-04 | 1.42E-04 | 1.43E-04 | 1.45E-04 | 1.09E-05 | 4.84E-05 | 3.21E-06 | 3.22E-06 | 3.25E-06 | 3.27E-06 |
| 167481.005963895390 | 167481.01 | 3909832.36 | FENCEGRD | 1.41E-04 | 1.43E-04 | 1.45E-04 | 1.47E-04 | 1.10E-05 | 4.93E-05 | 3.27E-06 | 3.29E-06 | 3.32E-06 | 3.35E-06 |
| 167459.235804926390 | 167459.24 | 3909842.14 | FENCEGRD | 1.43E-04 | 1.45E-04 | 1.47E-04 | 1.48E-04 | 1.12E-05 | 5.03E-05 | 3.36E-06 | 3.38E-06 | 3.41E-06 | 3.44E-06 |
| 167437.465645957390 | 167437.47 | 3909851.92 | FENCEGRD | 1.42E-04 | 1.44E-04 | 1.46E-04 | 1.48E-04 | 1.13E-05 | 5.04E-05 | 3.38E-06 | 3.41E-06 | 3.44E-06 | 3.47E-06 |
| 167400.981761602390 | 167400.98 | 3909842.90 | FENCEGRD | 1.45E-04 | 1.47E-04 | 1.49E-04 | 1.50E-04 | 1.20E-05 | 5.13E-05 | 3.49E-06 | 3.52E-06 | 3.55E-06 | 3.58E-06 |
| 167386.268036215390 | 167386.27 | 3909824.11 | FENCEGRD | 1.52E-04 | 1.54E-04 | 1.56E-04 | 1.58E-04 | 1.28E-05 | 5.35E-05 | 3.68E-06 | 3.71E-06 | 3.74E-06 | 3.77E-06 |
| 167371.554310828390 | 167371.55 | 3909805.32 | FENCEGRD | 1.63E-04 | 1.65E-04 | 1.67E-04 | 1.69E-04 | 1.40E-05 | 5.68E-05 | 3.95E-06 | 3.98E-06 | 4.01E-06 | 4.05E-06 |
| 167356.840585442390 | 167356.84 | 3909786.53 | FENCEGRD | 1.75E-04 | 1.77E-04 | 1.79E-04 | 1.81E-04 | 1.52E-05 | 6.03E-05 | 4.23E-06 | 4.26E-06 | 4.30E-06 | 4.34E-06 |
| 167342.126860055390 | 167342.13 | 3909767.74 | FENCEGRD | 1.86E-04 | 1.89E-04 | 1.91E-04 | 1.94E-04 | 1.65E-05 | 6.36E-05 | 4.52E-06 | 4.55E-06 | 4.60E-06 | 4.64E-06 |
| 167327.413134668390 | 167327.41 | 3909748.95 | FENCEGRD | 1.98E-04 | 2.01E-04 | 2.04E-04 | 2.07E-04 | 1.80E-05 | 6.71E-05 | 4.82E-06 | 4.86E-06 | 4.91E-06 | 4.96E-06 |
| 167312.699409281390 | 167312.70 | 3909730.16 | FENCEGRD | 2.11E-04 | 2.14E-04 | 2.17E-04 | 2.20E-04 | 1.96E-05 | 7.09E-05 | 5.16E-06 | 5.20E-06 | 5.25E-06 | 5.30E-06 |
| 167297.985683895390 | 167297.99 | 3909711.37 | FENCEGRD | 2.26E-04 | 2.29E-04 | 2.32E-04 | 2.35E-04 | 2.14E-05 | 7.53E-05 | 5.54E-06 | 5.59E-06 | 5.64E-06 | 5.69E-06 |
| 167283.271958508390 | 167283.27 | 3909692.58 | FENCEGRD | 2.43E-04 | 2.46E-04 | 2.48E-04 | 2.50E-04 | 2.33E-05 | 8.04E-05 | 5.97E-06 | 6.02E-06 | 6.07E-06 | 6.11E-06 |
| 167268.558233121390 | 167268.56 | 3909673.79 | FENCEGRD | 2.61E-04 | 2.64E-04 | 2.66E-04 | 2.68E-04 | 2.54E-05 | 8.63E-05 | 6.44E-06 | 6.49E-06 | 6.54E-06 | 6.58E-06 |
| 167253.844507735390 | 167253.84 | 3909655.00 | FENCEGRD | 2.79E-04 | 2.82E-04 | 2.84E-04 | 2.86E-04 | 2.79E-05 | 9.18E-05 | 6.91E-06 | 6.95E-06 | 7.00E-06 | 7.04E-06 |
| 167239.130782348390 | 167239.13 | 3909636.21 | FENCEGRD | 2.97E-04 | 2.99E-04 | 3.02E-04 | 3.04E-04 | 3.07E-05 | 9.71E-05 | 7.37E-06 | 7.42E-06 | 7.47E-06 | 7.52E-06 |
| 167224.417056961390 | 167224.42 | 3909617.42 | FENCEGRD | 3.15E-04 | 3.18E-04 | 3.21E-04 | 3.24E-04 | 3.40E-05 | 1.02E-04 | 7.90E-06 | 7.95E-06 | 8.02E-06 | 8.08E-06 |
| 167209.703331574390 | 167209.70 | 3909598.63 | FENCEGRD | 3.36E-04 | 3.40E-04 | 3.44E-04 | 3.47E-04 | 3.74E-05 | 1.08E-04 | 8.52E-06 | 8.59E-06 | 8.67E-06 | 8.75E-06 |
| 167194.989606188390 | 167194.99 | 3909579.84 | FENCEGRD | 3.60E-04 | 3.65E-04 | 3.70E-04 | 3.74E-04 | 4.03E-05 | 1.15E-04 | 9.25E-06 | 9.33E-06 | 9.42E-06 | 9.51E-06 |
| 167180.275880801390 | 167180.28 | 3909561.05 | FENCEGRD | 3.88E-04 | 3.93E-04 | 3.98E-04 | 4.02E-04 | 4.24E-05 | 1.22E-04 | 1.00E-05 | 1.01E-05 | 1.02E-05 | 1.03E-05 |
| 167165.562155414390 | 167165.56 | 3909542.26 | FENCEGRD | 4.17E-04 | 4.21E-04 | 4.26E-04 | 4.29E-04 | 4.32E-05 | 1.30E-04 | 1.08E-05 | 1.09E-05 | 1.10E-05 | 1.10E-05 |
| 167150.848430027390 | 167150.85 | 3909523.47 | FENCEGRD | 4.44E-04 | 4.48E-04 | 4.51E-04 | 4.53E-04 | 4.29E-05 | 1.38E-04 | 1.15E-05 | 1.15E-05 | 1.16E-05 | 1.16E-05 |
| 167136.134704641390 | 167136.13 | 3909504.68 | FENCEGRD | 4.68E-04 | 4.70E-04 | 4.71E-04 | 4.71E-04 | 4.15E-05 | 1.46E-04 | 1.19E-05 | 1.20E-05 | 1.20E-05 | 1.20E-05 |
| 167121.420979254390 | 167121.42 | 3909485.89 | FENCEGRD | 4.85E-04 | 4.85E-04 | 4.83E-04 | 4.81E-04 | 3.94E-05 | 1.53E-04 | 1.22E-05 | 1.21E-05 | 1.21E-05 | 1.21E-05 |
| 167106.707253867390 | 167106.71 | 3909467.10 | FENCEGRD | 4.97E-04 | 4.94E-04 | 4.90E-04 | 4.86E-04 | 3.69E-05 | 1.59E-04 | 1.22E-05 | 1.21E-05 | 1.21E-05 | 1.20E-05 |
| 167091.993528481390 | 167091.99 | 3909448.31 | FENCEGRD | 5.01E-04 | 4.96E-04 | 4.89E-04 | 4.83E-04 | 3.42E-05 | 1.64E-04 | 1.20E-05 | 1.19E-05 | 1.19E-05 | 1.18E-05 |
| 167077.279803094390 | 167077.28 | 3909429.52 | FENCEGRD | 4.94E-04 | 4.88E-04 | 4.79E-04 | 4.72E-04 | 3.13E-05 | 1.65E-04 | 1.16E-05 | 1.15E-05 | 1.14E-05 | 1.13E-05 |
| 167062.566077707390 | 167062.57 | 3909410.73 | FENCEGRD | 4.80E-04 | 4.72E-04 | 4.63E-04 | 4.55E-04 | 2.84E-05 | 1.65E-04 | 1.11E-05 | 1.09E-05 | 1.08E-05 | 1.07E-05 |
| 167047.852352323909 | 167047.85 | 3909391.94 | FENCEGRD | 4.61E-04 | 4.52E-04 | 4.42E-04 | 4.33E-04 | 2.55E-05 | 1.63E-04 | 1.04E-05 | 1.03E-05 | 1.02E-05 | 1.01E-05 |
| 167033.138626934390 | 167033.14 | 3909373.15 | FENCEGRD | 4.38E-04 | 4.29E-04 | 4.18E-04 | 4.10E-04 | 2.27E-05 | 1.60E-04 | 9.75E-06 | 9.63E-06 | 9.52E-06 | 9.41E-06 |
| 167018.424901547390 | 167018.42 | 3909354.36 | FENCEGRD | 4.14E-04 | 4.04E-04 | 3.94E-04 | 3.85E-04 | 2.02E-05 | 1.55E-04 | 9.08E-06 | 8.97E-06 | 8.86E-06 | 8.75E-06 |
| 167003.711176163909 | 167003.71 | 3909335.57 | FENCEGRD | 3.88E-04 | 3.79E-04 | 3.68E-04 | 3.59E-04 | 1.78E-05 | 1.50E-04 | 8.42E-06 | 8.31E-06 | 8.20E-06 | 8.10E-06 |
| 166988.997450773390 | 166989.00 | 3909316.78 | FENCEGRD | 3.60E-04 | 3.51E-04 | 3.41E-04 | 3.33E-04 | 1.55E-05 | 1.44E-04 | 7.77E-06 | 7.66E-06 | 7.57E-06 | 7.47E-06 |
| 166974.283725387390 | 166974.28 | 3909297.99 | FENCEGRD | 3.34E-04 | 3.25E-04 | 3.16E-04 | 3.08E-04 | 1.35E-05 | 1.38E-04 | 7.15E-06 | 7.05E-06 | 6.96E-06 | 6.87E-06 |
| 168090.570415019390 | 168090.57 | 3909558.55 | FENCEGRD | 2.84E-05 | 2.89E-05 | 2.95E-05 | 3.01E-05 | 4.19E-06 | 1.46E-05 | 1.09E-06 | 1.10E-06 | 1.11E-06 | 1.12E-06 |
| 168102.018915019390 | 168102.02 | 3909536.79 | FENCEGRD | 2.67E-05 | 2.71E-05 | 2.76E-05 | 2.80E-05 | 3.96E-06 | 1.40E-05 | 1.03E-06 | 1.04E-06 | 1.05E-06 | 1.06E-06 |
| 168113.467415019390 | 168113.47 | 3909515.03 | FENCEGRD | 2.57E-05 | 2.60E-05 | 2.65E-05 | 2.69E-05 | 3.82E-06 | 1.37E-05 | 1.01E-06 | 1.02E-06 | 1.03E-06 | 1.04E-06 |
| 168124.915915019390 | 168124.92 | 3909493.27 | FENCEGRD | 2.54E-05 | 2.57E-05 | 2.61E-05 | 2.65E-05 | 3.84E-06 | 1.39E-05 | 1.03E-06 | 1.04E-06 | 1.05E-06 | 1.06E-06 |
| 168136.364415019390 | 168136.36 | 3909471.51 | FENCEGRD | 2.59E-05 | 2.62E-05 | 2.66E-05 | 2.70E-05 | 3.94E-06 | 1.43E-05 | 1.06E-06 | 1.07E-06 | 1.08E-06 | 1.10E-06 |
| 168147.8112915019390 | 168147.81 | 3909449.75 | FENCEGRD | 2.81E-05 | 2.84E-05 | 2.89E-05 | 2.93E-05 | 4.25E-06 | 1.54E-05 | 1.14E-06 | 1.15E-06 | 1.16E-06 | 1.17E-06 |
| 168159.261415019390 | 168159.26 | 3909427.98 | FENCEGRD | 3.05E-05 | 3.10E-05 | | | | | | | | |

Project Ground Level Concentrations-16<30

| | | | | 16<30 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167982.231963513390 | 167982.23 | 3909693.53 | FENCEGRD | 4.43E-05 | 4.49E-05 | 4.56E-05 | 4.64E-05 | 5.41E-06 | 1.85E-05 | 1.45E-06 | 1.45E-06 | 1.46E-06 | 1.46E-06 |
| 167960.361016772390 | 167960.36 | 3909703.35 | FENCEGRD | 4.31E-05 | 4.37E-05 | 4.45E-05 | 4.53E-05 | 5.52E-06 | 1.86E-05 | 1.40E-06 | 1.40E-06 | 1.41E-06 | 1.41E-06 |
| 167938.490070033909 | 167938.49 | 3909713.18 | FENCEGRD | 4.25E-05 | 4.32E-05 | 4.41E-05 | 4.50E-05 | 5.60E-06 | 1.89E-05 | 1.34E-06 | 1.35E-06 | 1.35E-06 | 1.35E-06 |
| 167916.619123288390 | 167916.62 | 3909723.00 | FENCEGRD | 4.41E-05 | 4.49E-05 | 4.59E-05 | 4.69E-05 | 5.65E-06 | 1.94E-05 | 1.30E-06 | 1.30E-06 | 1.31E-06 | 1.31E-06 |
| 167894.748176546390 | 167894.75 | 3909732.82 | FENCEGRD | 4.67E-05 | 4.77E-05 | 4.89E-05 | 5.00E-05 | 5.62E-06 | 2.02E-05 | 1.26E-06 | 1.27E-06 | 1.28E-06 | 1.28E-06 |
| 167872.877229805390 | 167872.88 | 3909742.65 | FENCEGRD | 4.91E-05 | 5.02E-05 | 5.16E-05 | 5.29E-05 | 5.49E-06 | 2.11E-05 | 1.25E-06 | 1.26E-06 | 1.27E-06 | 1.27E-06 |
| 167851.006283063390 | 167851.01 | 3909752.47 | FENCEGRD | 5.25E-05 | 5.38E-05 | 5.54E-05 | 5.69E-05 | 5.29E-06 | 2.22E-05 | 1.26E-06 | 1.27E-06 | 1.28E-06 | 1.29E-06 |
| 167829.135336321390 | 167829.14 | 3909762.30 | FENCEGRD | 5.68E-05 | 5.84E-05 | 6.04E-05 | 6.22E-05 | 5.08E-06 | 2.36E-05 | 1.30E-06 | 1.31E-06 | 1.33E-06 | 1.34E-06 |
| 167807.264389583909 | 167807.26 | 3909772.12 | FENCEGRD | 6.20E-05 | 6.39E-05 | 6.63E-05 | 6.85E-05 | 4.92E-06 | 2.51E-05 | 1.37E-06 | 1.39E-06 | 1.41E-06 | 1.43E-06 |
| 167785.393442838390 | 167785.39 | 3909781.94 | FENCEGRD | 6.81E-05 | 7.03E-05 | 7.30E-05 | 7.54E-05 | 4.87E-06 | 2.67E-05 | 1.47E-06 | 1.49E-06 | 1.51E-06 | 1.54E-06 |
| 167763.522496096390 | 167763.52 | 3909791.77 | FENCEGRD | 7.43E-05 | 7.68E-05 | 7.98E-05 | 8.25E-05 | 4.94E-06 | 2.83E-05 | 1.59E-06 | 1.62E-06 | 1.64E-06 | 1.67E-06 |
| 167741.651549354390 | 167741.65 | 3909801.59 | FENCEGRD | 8.09E-05 | 8.36E-05 | 8.69E-05 | 8.99E-05 | 5.16E-06 | 2.99E-05 | 1.74E-06 | 1.76E-06 | 1.80E-06 | 1.83E-06 |
| 167719.780602613390 | 167719.78 | 3909811.42 | FENCEGRD | 8.80E-05 | 9.10E-05 | 9.46E-05 | 9.77E-05 | 5.53E-06 | 3.15E-05 | 1.90E-06 | 1.93E-06 | 1.97E-06 | 2.00E-06 |
| 167697.909655871390 | 167697.91 | 3909821.24 | FENCEGRD | 9.56E-05 | 9.86E-05 | 1.02E-04 | 1.05E-04 | 6.07E-06 | 3.32E-05 | 2.09E-06 | 2.12E-06 | 2.16E-06 | 2.19E-06 |
| 167676.038709129390 | 167676.04 | 3909831.07 | FENCEGRD | 1.03E-04 | 1.06E-04 | 1.09E-04 | 1.12E-04 | 6.77E-06 | 3.48E-05 | 2.29E-06 | 2.32E-06 | 2.36E-06 | 2.39E-06 |
| 167654.167762388390 | 167654.17 | 3909840.89 | FENCEGRD | 1.10E-04 | 1.13E-04 | 1.16E-04 | 1.19E-04 | 7.78E-06 | 3.70E-05 | 2.52E-06 | 2.55E-06 | 2.59E-06 | 2.62E-06 |
| 167566.683975421390 | 167566.68 | 3909880.19 | FENCEGRD | 1.19E-04 | 1.21E-04 | 1.23E-04 | 1.23E-04 | 9.78E-06 | 4.08E-05 | 2.88E-06 | 2.89E-06 | 2.91E-06 | 2.91E-06 |
| 167544.813028679390 | 167544.81 | 3909890.01 | FENCEGRD | 1.18E-04 | 1.18E-04 | 1.19E-04 | 1.20E-04 | 9.52E-06 | 4.15E-05 | 2.79E-06 | 2.79E-06 | 2.80E-06 | 2.80E-06 |
| 167522.942081937390 | 167522.94 | 3909899.83 | FENCEGRD | 1.15E-04 | 1.16E-04 | 1.16E-04 | 1.17E-04 | 9.24E-06 | 4.08E-05 | 2.70E-06 | 2.71E-06 | 2.72E-06 | 2.73E-06 |
| 167501.071135196390 | 167501.07 | 3909909.66 | FENCEGRD | 1.13E-04 | 1.14E-04 | 1.15E-04 | 1.15E-04 | 9.02E-06 | 4.03E-05 | 2.65E-06 | 2.66E-06 | 2.68E-06 | 2.69E-06 |
| 167479.200188454390 | 167479.20 | 3909919.48 | FENCEGRD | 1.11E-04 | 1.12E-04 | 1.13E-04 | 1.14E-04 | 8.87E-06 | 4.01E-05 | 2.63E-06 | 2.64E-06 | 2.66E-06 | 2.68E-06 |
| 167457.329241712390 | 167457.33 | 3909929.31 | FENCEGRD | 1.10E-04 | 1.12E-04 | 1.13E-04 | 1.14E-04 | 8.86E-06 | 4.02E-05 | 2.64E-06 | 2.66E-06 | 2.68E-06 | 2.70E-06 |
| 167435.458294973909 | 167435.46 | 3909939.13 | FENCEGRD | 1.11E-04 | 1.13E-04 | 1.14E-04 | 1.15E-04 | 9.06E-06 | 4.09E-05 | 2.70E-06 | 2.72E-06 | 2.74E-06 | 2.77E-06 |
| 167413.587348229390 | 167413.59 | 3909948.95 | FENCEGRD | 1.13E-04 | 1.14E-04 | 1.16E-04 | 1.17E-04 | 9.37E-06 | 4.19E-05 | 2.78E-06 | 2.80E-06 | 2.83E-06 | 2.85E-06 |
| 167376.934557001390 | 167376.93 | 3909939.90 | FENCEGRD | 1.21E-04 | 1.22E-04 | 1.24E-04 | 1.25E-04 | 1.04E-05 | 4.49E-05 | 3.03E-06 | 3.06E-06 | 3.08E-06 | 3.11E-06 |
| 167362.152712515390 | 167362.15 | 3909921.02 | FENCEGRD | 1.28E-04 | 1.29E-04 | 1.31E-04 | 1.32E-04 | 1.11E-05 | 4.71E-05 | 3.21E-06 | 3.23E-06 | 3.26E-06 | 3.28E-06 |
| 167347.370868033909 | 167347.37 | 3909902.15 | FENCEGRD | 1.35E-04 | 1.36E-04 | 1.38E-04 | 1.39E-04 | 1.19E-05 | 4.94E-05 | 3.40E-06 | 3.42E-06 | 3.45E-06 | 3.47E-06 |
| 167332.589023544390 | 167332.59 | 3909883.27 | FENCEGRD | 1.43E-04 | 1.44E-04 | 1.46E-04 | 1.48E-04 | 1.28E-05 | 5.19E-05 | 3.60E-06 | 3.63E-06 | 3.65E-06 | 3.68E-06 |
| 167317.807179058390 | 167317.81 | 3909864.39 | FENCEGRD | 1.52E-04 | 1.54E-04 | 1.56E-04 | 1.57E-04 | 1.38E-05 | 5.48E-05 | 3.83E-06 | 3.86E-06 | 3.89E-06 | 3.92E-06 |
| 167303.025334572390 | 167303.03 | 3909845.51 | FENCEGRD | 1.61E-04 | 1.63E-04 | 1.65E-04 | 1.67E-04 | 1.49E-05 | 5.77E-05 | 4.08E-06 | 4.11E-06 | 4.14E-06 | 4.17E-06 |
| 167288.243490087390 | 167288.24 | 3909826.64 | FENCEGRD | 1.72E-04 | 1.74E-04 | 1.77E-04 | 1.79E-04 | 1.61E-05 | 6.10E-05 | 4.35E-06 | 4.39E-06 | 4.43E-06 | 4.46E-06 |
| 167273.461645601390 | 167273.46 | 3909807.76 | FENCEGRD | 1.83E-04 | 1.85E-04 | 1.87E-04 | 1.89E-04 | 1.73E-05 | 6.43E-05 | 4.63E-06 | 4.67E-06 | 4.71E-06 | 4.75E-06 |
| 167258.679801115390 | 167258.68 | 3909788.88 | FENCEGRD | 1.94E-04 | 1.96E-04 | 1.98E-04 | 2.00E-04 | 1.87E-05 | 6.77E-05 | 4.93E-06 | 4.96E-06 | 5.01E-06 | 5.04E-06 |
| 167243.897956629390 | 167243.90 | 3909770.01 | FENCEGRD | 2.05E-04 | 2.07E-04 | 2.09E-04 | 2.11E-04 | 2.00E-05 | 7.13E-05 | 5.23E-06 | 5.27E-06 | 5.31E-06 | 5.35E-06 |
| 167229.116112144390 | 167229.12 | 3909751.13 | FENCEGRD | 2.16E-04 | 2.19E-04 | 2.20E-04 | 2.22E-04 | 2.14E-05 | 7.51E-05 | 5.54E-06 | 5.58E-06 | 5.62E-06 | 5.65E-06 |
| 167214.334267658390 | 167214.33 | 3909732.25 | FENCEGRD | 2.28E-04 | 2.30E-04 | 2.32E-04 | 2.33E-04 | 2.30E-05 | 7.90E-05 | 5.86E-06 | 5.89E-06 | 5.93E-06 | 5.96E-06 |
| 167199.552423172390 | 167199.55 | 3909713.37 | FENCEGRD | 2.41E-04 | 2.43E-04 | 2.45E-04 | 2.46E-04 | 2.48E-05 | 8.31E-05 | 6.20E-06 | 6.24E-06 | 6.28E-06 | 6.31E-06 |
| 167184.770578686390 | 167184.77 | 3909694.50 | FENCEGRD | 2.54E-04 | 2.56E-04 | 2.58E-04 | 2.60E-04 | 2.70E-05 | 8.72E-05 | 6.57E-06 | 6.61E-06 | 6.65E-06 | 6.70E-06 |
| 167169.988734201390 | 167169.99 | 3909675.62 | FENCEGRD | 2.67E-04 | 2.70E-04 | 2.73E-04 | 2.75E-04 | 2.94E-05 | 9.12E-05 | 6.98E-06 | 7.03E-06 | 7.08E-06 | 7.13E-06 |
| 167155.206889715390 | 167155.21 | 3909656.74 | FENCEGRD | 2.82E-04 | 2.85E-04 | 2.89E-04 | 2.92E-04 | 3.20E-05 | 9.54E-05 | 7.44E-06 | 7.50E-06 | 7.57E-06 | 7.63E-06 |
| 167140.425045229390 | 167140.43 | 3909637.87 | FENCEGRD | 3.00E-04 | 3.03E-04 | 3.07E-04 | 3.11E-04 | 3.44E-05 | 1.00E-04 | 7.98E-06 | 8.05E-06 | 8.13E-06 | 8.20E-06 |
| 167125.643200743390 | 167125.64 | 3909618.99 | FENCEGRD | 3.20E-04 | 3.24E-04 | 3.28E-04 | 3.32E-04 | 3.64E-05 | 1.06E-04 | 8.59E-06 | 8.66E-06 | 8.74E-06 | 8.81E-06 |
| 167110.861356258390 | 167110.86 | 3909600.11 | FENCEGRD | 3.42E-04 | 3.46E-04 | 3.50E-04 | 3.54E-04 | 3.77E-05 | 1.12E-04 | 9.21E-06 | 9.29E-06 | 9.36E-06 | 9.43E-06 |
| 167096.079511772390 | 167096.08 | 3909581.23 | FENCEGRD | 3.63E-04 | 3.67E-04 | 3.71E-04 | 3.73E-04 | 3.82E-05 | 1.19E-04 | 9.78E-06 | 9.85E-06 | 9.90E-06 | 9.96E-06 |
| 167081.297667286390 | 167081.30 | 3909562.36 | FENCEGRD | 3.85E-04 | 3.88E-04 | 3.90E-04 | 3.91E-04 | 3.79E-05 | 1.26E-04 | 1.03E-05 | 1.03E-05 | 1.04E-05 | 1.04E-05 |
| 167066.515822839099 | 167066.52 | 3909543.48 | FENCEGRD | 4.02E-04 | 4.03E-04 | 4.03E-04 | 4.04E-04 | 3.70E-05 | 1.33E-04 | 1.06E-05 | 1.06E-05 | 1.06E-05 | 1.06E-05 |
| 167051.733978315390 | 167051.73 | 3909524.60 | FENCEGRD | 4.12E-04 | 4.12E-04 | 4.11E-04 | 4.09E-04 | 3.54E-05 | 1.38E-04 | 1.07E-05 | 1.07E-05 | 1.07E-05 | 1.07E-05 |
| 167036.952133829390 | 167036.95 | 3909505.73 | FENCEGRD | 4.18E-04 | 4.17E-04 | 4.14E-04 | 4.11E-04 | 3.35E-05 | 1.42E-04 | 1.07E-05 | 1.07E-05 | 1.06E-05 | 1.06E-05 |
| 167022.170289343390 | 167022.17 | 3909486.85 | FENCEGRD | 4.20E-04 | 4.16E-04 | 4.12E-04 | 4.08E-04 | 3.15E-05 | 1.45E-04 | 1.05E-05 | 1.05E-05 | 1.04E-05 | 1.04E-05 |
| 167007.388444857390 | 167007.39 | 3909467.97 | FENCEGRD | 4.16E-04 | 4.12E-04 | 4.06E-04 | 4.01E-04 | 2.93E-05 | 1.47E-04 | 1.03E-05 | 1.02E-05 | 1.01E-05 | 1.01E-05 |
| 166992.606600372390 | 166992.61 | 3909449.09 | FENCEGRD | 4.08E-04 | 4.02E-04 | 3.96E-04 | 3.90E-04 | 2.72E-05 | 1.47E-04 | 9.91E-06 | 9.83E-06 | 9.75E-06 | 9.67E-06 |
| 166977.824755886390 | 166977.82 | 3909430.22 | FENCEGRD | 3.96E-04 | 3.90E-04 | 3.83E-04 | 3.76E-04 | 2.50E-05 | 1.47E-04 | 9.47E-06 | 9.39E-06 | 9.30E-06 | 9.22E-06 |
| 166963.042911439094 | 166963.04 | 3909411.34 | FENCEGRD | 3.81E-04 | 3.74E-04 | 3.66E-04 | 3.60E-04 | 2.29E-05 | 1.45E-04 | 8.98E-06 | 8.89E-06 | 8.80E-06 | 8.72E-06 |
| 166948.261066914390 | 166948.26 | 3909392.46 | FENCEGRD | 3.64E-04 | 3.57E-04 | 3.48E-04 | 3.42E-04 | 2.08E-05 | 1.41E-04 | 8.47E-06 | 8.38E-06 | 8.29E-06 | 8.20E-06 |
| 166933.479222429390 | 166933.48 | 3909373.59 | FENCEGRD | 3.45E-04 | 3.38E-04 | 3.30E-04 | 3.23E-04 | 1.88E-05 | 1.38E-04 | 7.95E-06 | 7.86E-06 | 7.77E-06 | 7.69E-06 |
| 166918.697377943390 | 166918.70 | 3909354.71 | FENCEGRD | 3.26E-04 | 3.19E-04 | 3.10E-04 | 3.04E-04 | 1.69E-05 | 1.33E-04 | 7.44E-06 | 7.36E-06 | 7.27E-06 | 7.19E-06 |
| 166903.915533457390 | 166903.92 | 3909335.83 | FENCEGRD | 3.06E-04 | 2.99E-04 | 2.91E-04 | 2.84E-04 | 1.51E-05 | 1.28E-04 | 6.95E-06 | 6.86E-06 | 6.78E-06 | 6.71E-06 |
| 166889.133688972390 | 166889.13 | 3909316.95 | FENCEGRD | 2.86E-04 | 2.79E-04 | 2.72E-04 | 2.66E-04 | 1.34E-05 | 1.23E-04 | 6.47E-06 | 6.39E-06 | 6.32E-06 | 6.25E-06 |
| 166874.351844486390 | 166874.35 | 3909298.08 | FENCEGRD | 2.67E-04 | 2.60E-04 | 2.54E-04 | 2.48E-04 | 1.18E-05 | 1.18E-04 | 6.00E-06 | 5.93E-06 | 5.86E-06 | 5.79E-06 |
| 168179.070484189390 | 168179.07 | 3909605.11 | FENCEGRD | 3.13E-05 | 3.19E-05 | 3.27E-05 | 3.34E-05 | 4.23E-06 | 1.58E-05 | 1.13E-06 | 1.14E-06 | 1.15E-06 | 1.16E-06 |
| 168190.518984189390 | 168190.52 | 3909583.35 | FENCEGRD | 3.02E-05 | 3.08E-05 | 3.16E-05 | 3.23E-05 | 4.19E-06 | 1.58E-05 | 1.13E-06 | 1.14E-06 | 1.15E-06 | 1.16E-06 |
| 168201.967484189390 | 168201.97 | 3909561.59 | FENCEGRD | 2.92E-05 | 2.97E-05 | | | | | | | | |

Project Ground Level Concentrations-16<30

| | | | | 16<30 GLC (µg/m³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167691.681442745390 | 167691.68 | 3908875.12 | FENCEGRD | 7.11E-04 | 6.46E-04 | 5.78E-04 | 5.26E-04 | 2.33E-05 | 2.20E-04 | 9.05E-06 | 8.63E-06 | 8.22E-06 | 7.85E-06 |
| 167670.783442745390 | 167670.78 | 3908888.20 | FENCEGRD | 5.99E-04 | 5.39E-04 | 4.79E-04 | 4.33E-04 | 2.09E-05 | 1.89E-04 | 7.63E-06 | 7.24E-06 | 6.87E-06 | 6.54E-06 |
| 167762.006885491390 | 167762.01 | 3908801.59 | FENCEGRD | 7.68E-04 | 7.23E-04 | 6.74E-04 | 6.33E-04 | 2.65E-05 | 2.52E-04 | 1.10E-05 | 1.07E-05 | 1.04E-05 | 1.00E-05 |
| 167741.108885491390 | 167741.11 | 3908814.67 | FENCEGRD | 7.22E-04 | 6.75E-04 | 6.23E-04 | 5.81E-04 | 2.48E-05 | 2.08E-04 | 1.01E-05 | 9.73E-06 | 9.39E-06 | 9.06E-06 |
| 167720.210885491390 | 167720.21 | 3908827.76 | FENCEGRD | 6.68E-04 | 6.19E-04 | 5.66E-04 | 5.24E-04 | 2.30E-05 | 1.73E-04 | 9.11E-06 | 8.76E-06 | 8.41E-06 | 8.10E-06 |
| 167699.312885491390 | 167699.31 | 3908840.84 | FENCEGRD | 5.94E-04 | 5.46E-04 | 4.96E-04 | 4.57E-04 | 2.10E-05 | 1.43E-04 | 7.97E-06 | 7.64E-06 | 7.31E-06 | 7.02E-06 |
| 167678.414885491390 | 167678.41 | 3908853.93 | FENCEGRD | 5.22E-04 | 4.76E-04 | 4.29E-04 | 3.93E-04 | 1.92E-05 | 1.26E-04 | 6.92E-06 | 6.61E-06 | 6.31E-06 | 6.04E-06 |
| 167657.516885491390 | 167657.52 | 3908867.01 | FENCEGRD | 4.46E-04 | 4.05E-04 | 3.64E-04 | 3.33E-04 | 1.73E-05 | 1.15E-04 | 5.90E-06 | 5.62E-06 | 5.35E-06 | 5.12E-06 |
| 167794.142777813390 | 167794.14 | 3908784.69 | FENCEGRD | 7.99E-04 | 7.72E-04 | 7.35E-04 | 6.98E-04 | 2.90E-05 | 3.07E-04 | 1.23E-05 | 1.20E-05 | 1.17E-05 | 1.14E-05 |
| 167816.844002601390 | 167816.84 | 3908786.84 | FENCEGRD | 8.29E-04 | 8.09E-04 | 7.89E-04 | 7.70E-04 | 3.18E-05 | 3.80E-04 | 1.30E-05 | 1.29E-05 | 1.27E-05 | 1.25E-05 |
| 167748.740328236390 | 167748.74 | 3908780.40 | FENCEGRD | 6.15E-04 | 5.78E-04 | 5.37E-04 | 5.03E-04 | 2.27E-05 | 1.73E-04 | 9.04E-06 | 8.75E-06 | 8.46E-06 | 8.18E-06 |
| 167727.842328236390 | 167727.84 | 3908793.49 | FENCEGRD | 5.77E-04 | 5.38E-04 | 4.96E-04 | 4.62E-04 | 2.13E-05 | 1.44E-04 | 8.29E-06 | 7.99E-06 | 7.70E-06 | 7.43E-06 |
| 167706.944328236390 | 167706.94 | 3908806.57 | FENCEGRD | 5.24E-04 | 4.85E-04 | 4.45E-04 | 4.12E-04 | 1.96E-05 | 1.17E-04 | 7.38E-06 | 7.09E-06 | 6.81E-06 | 6.56E-06 |
| 167686.046328236390 | 167686.05 | 3908819.65 | FENCEGRD | 4.69E-04 | 4.32E-04 | 3.94E-04 | 3.64E-04 | 1.80E-05 | 9.81E-05 | 6.51E-06 | 6.24E-06 | 5.98E-06 | 5.74E-06 |
| 167665.148328236390 | 167665.15 | 3908832.74 | FENCEGRD | 4.10E-04 | 3.76E-04 | 3.41E-04 | 3.15E-04 | 1.64E-05 | 8.52E-05 | 5.62E-06 | 5.38E-06 | 5.15E-06 | 4.94E-06 |
| 167644.250328236390 | 167644.25 | 3908845.82 | FENCEGRD | 3.50E-04 | 3.21E-04 | 2.92E-04 | 2.71E-04 | 1.47E-05 | 7.79E-05 | 4.77E-06 | 4.56E-06 | 4.36E-06 | 4.19E-06 |
| 167783.903050533908 | 167783.90 | 3908763.79 | FENCEGRD | 6.93E-04 | 6.58E-04 | 6.19E-04 | 5.86E-04 | 2.57E-05 | 2.43E-04 | 1.06E-05 | 1.03E-05 | 1.00E-05 | 9.77E-06 |
| 167808.117690304390 | 167808.12 | 3908766.08 | FENCEGRD | 7.54E-04 | 7.34E-04 | 7.06E-04 | 6.73E-04 | 2.87E-05 | 3.00E-04 | 1.21E-05 | 1.18E-05 | 1.16E-05 | 1.13E-05 |
| 167868.842829443390 | 167868.84 | 3908842.58 | FENCEGRD | 9.53E-04 | 9.36E-04 | 9.17E-04 | 8.99E-04 | 3.47E-05 | 4.08E-04 | 1.60E-05 | 1.57E-05 | 1.54E-05 | 1.51E-05 |
| 167735.473770981390 | 167735.47 | 3908759.21 | FENCEGRD | 5.15E-04 | 4.82E-04 | 4.47E-04 | 4.19E-04 | 2.01E-05 | 1.33E-04 | 7.75E-06 | 7.49E-06 | 7.23E-06 | 6.99E-06 |
| 167714.575770981390 | 167714.58 | 3908772.30 | FENCEGRD | 4.75E-04 | 4.42E-04 | 4.08E-04 | 3.80E-04 | 1.87E-05 | 1.10E-04 | 6.99E-06 | 6.74E-06 | 6.49E-06 | 6.26E-06 |
| 167693.677770981390 | 167693.68 | 3908785.38 | FENCEGRD | 4.29E-04 | 3.98E-04 | 3.65E-04 | 3.39E-04 | 1.72E-05 | 8.98E-05 | 6.21E-06 | 5.97E-06 | 5.74E-06 | 5.52E-06 |
| 167672.779770981390 | 167672.78 | 3908798.46 | FENCEGRD | 3.81E-04 | 3.52E-04 | 3.22E-04 | 2.99E-04 | 1.57E-05 | 7.46E-05 | 5.42E-06 | 5.21E-06 | 5.00E-06 | 4.81E-06 |
| 167651.881770981390 | 167651.88 | 3908811.55 | FENCEGRD | 3.32E-04 | 3.07E-04 | 2.81E-04 | 2.62E-04 | 1.42E-05 | 6.39E-05 | 4.67E-06 | 4.48E-06 | 4.30E-06 | 4.14E-06 |
| 167630.983770981390 | 167630.98 | 3908824.63 | FENCEGRD | 2.86E-04 | 2.65E-04 | 2.43E-04 | 2.28E-04 | 1.27E-05 | 5.74E-05 | 3.96E-06 | 3.81E-06 | 3.66E-06 | 3.53E-06 |
| 167731.641881263908 | 167731.64 | 3908718.98 | FENCEGRD | 4.25E-04 | 3.99E-04 | 3.71E-04 | 3.49E-04 | 1.78E-05 | 1.10E-04 | 6.71E-06 | 6.49E-06 | 6.27E-06 | 6.07E-06 |
| 167754.343106049390 | 167754.34 | 3908721.12 | FENCEGRD | 4.92E-04 | 4.64E-04 | 4.34E-04 | 4.09E-04 | 2.01E-05 | 1.43E-04 | 7.84E-06 | 7.59E-06 | 7.35E-06 | 7.13E-06 |
| 167777.044330837390 | 167777.04 | 3908723.27 | FENCEGRD | 5.61E-04 | 5.33E-04 | 5.01E-04 | 4.74E-04 | 2.25E-05 | 1.83E-04 | 9.05E-06 | 8.78E-06 | 8.53E-06 | 8.29E-06 |
| 167799.74555625390 | 167799.75 | 3908725.42 | FENCEGRD | 6.18E-04 | 5.95E-04 | 5.65E-04 | 5.38E-04 | 2.48E-05 | 2.20E-04 | 1.02E-05 | 9.96E-06 | 9.70E-06 | 9.45E-06 |
| 167822.446780414390 | 167822.45 | 3908727.56 | FENCEGRD | 6.52E-04 | 6.36E-04 | 6.17E-04 | 5.96E-04 | 2.70E-05 | 2.57E-04 | 1.10E-05 | 1.09E-05 | 1.07E-05 | 1.05E-05 |
| 167845.148005202390 | 167845.15 | 3908729.71 | FENCEGRD | 6.82E-04 | 6.68E-04 | 6.53E-04 | 6.39E-04 | 2.89E-05 | 2.94E-04 | 1.17E-05 | 1.16E-05 | 1.14E-05 | 1.13E-05 |
| 167902.077823145390 | 167902.08 | 3908801.43 | FENCEGRD | 8.47E-04 | 8.33E-04 | 8.18E-04 | 8.03E-04 | 3.29E-05 | 3.93E-04 | 1.44E-05 | 1.42E-05 | 1.40E-05 | 1.38E-05 |
| 167905.920279267390 | 167905.92 | 3908823.90 | FENCEGRD | 8.57E-04 | 8.48E-04 | 8.38E-04 | 8.26E-04 | 3.44E-05 | 3.79E-04 | 1.58E-05 | 1.56E-05 | 1.53E-05 | 1.51E-05 |
| 167909.762735389390 | 167909.76 | 3908846.38 | FENCEGRD | 8.58E-04 | 8.58E-04 | 8.58E-04 | 8.54E-04 | 3.69E-05 | 3.45E-04 | 1.73E-05 | 1.71E-05 | 1.69E-05 | 1.67E-05 |
| 167913.605191511390 | 167913.61 | 3908868.86 | FENCEGRD | 8.28E-04 | 8.41E-04 | 8.54E-04 | 8.61E-04 | 3.98E-05 | 3.10E-04 | 1.87E-05 | 1.86E-05 | 1.85E-05 | 1.84E-05 |
| 167917.447647633390 | 167917.45 | 3908891.33 | FENCEGRD | 7.92E-04 | 8.16E-04 | 8.44E-04 | 8.63E-04 | 4.31E-05 | 2.77E-04 | 1.97E-05 | 1.98E-05 | 1.98E-05 | 1.98E-05 |
| 167708.940656472390 | 167708.94 | 3908716.83 | FENCEGRD | 3.64E-04 | 3.41E-04 | 3.16E-04 | 2.97E-04 | 1.58E-05 | 8.58E-05 | 5.72E-06 | 5.52E-06 | 5.33E-06 | 5.16E-06 |
| 167688.042656472390 | 167688.04 | 3908729.92 | FENCEGRD | 3.29E-04 | 3.08E-04 | 2.85E-04 | 2.67E-04 | 1.45E-05 | 7.11E-05 | 5.07E-06 | 4.90E-06 | 4.72E-06 | 4.56E-06 |
| 167667.144656472390 | 167667.14 | 3908743.00 | FENCEGRD | 2.95E-04 | 2.75E-04 | 2.55E-04 | 2.40E-04 | 1.32E-05 | 5.91E-05 | 4.46E-06 | 4.30E-06 | 4.14E-06 | 4.00E-06 |
| 167646.246656472390 | 167646.25 | 3908756.08 | FENCEGRD | 2.62E-04 | 2.45E-04 | 2.28E-04 | 2.15E-04 | 1.20E-05 | 4.97E-05 | 3.88E-06 | 3.75E-06 | 3.62E-06 | 3.50E-06 |
| 167625.348656472390 | 167625.35 | 3908769.17 | FENCEGRD | 2.33E-04 | 2.18E-04 | 2.04E-04 | 1.93E-04 | 1.08E-05 | 4.26E-05 | 3.37E-06 | 3.26E-06 | 3.15E-06 | 3.06E-06 |
| 167604.450656472390 | 167604.45 | 3908782.25 | FENCEGRD | 2.06E-04 | 1.94E-04 | 1.81E-04 | 1.71E-04 | 9.71E-06 | 3.78E-05 | 2.93E-06 | 2.84E-06 | 2.75E-06 | 2.67E-06 |
| 167706.622181736390 | 167706.62 | 3908676.74 | FENCEGRD | 3.13E-04 | 2.94E-04 | 2.74E-04 | 2.59E-04 | 1.43E-05 | 7.72E-05 | 5.13E-06 | 4.96E-06 | 4.80E-06 | 4.65E-06 |
| 167730.836821511390 | 167730.84 | 3908679.03 | FENCEGRD | 3.67E-04 | 3.46E-04 | 3.23E-04 | 3.05E-04 | 1.63E-05 | 9.92E-05 | 6.08E-06 | 5.88E-06 | 5.70E-06 | 5.52E-06 |
| 167755.051461285390 | 167755.05 | 3908681.32 | FENCEGRD | 4.29E-04 | 4.05E-04 | 3.80E-04 | 3.59E-04 | 1.86E-05 | 1.27E-04 | 7.18E-06 | 6.97E-06 | 6.75E-06 | 6.55E-06 |
| 167779.266101059390 | 167779.27 | 3908683.61 | FENCEGRD | 4.71E-04 | 4.56E-04 | 4.39E-04 | 4.21E-04 | 2.12E-05 | 1.51E-04 | 8.21E-06 | 8.07E-06 | 7.90E-06 | 7.72E-06 |
| 167803.480740834390 | 167803.48 | 3908685.90 | FENCEGRD | 5.02E-04 | 4.87E-04 | 4.71E-04 | 4.58E-04 | 2.35E-05 | 1.76E-04 | 8.75E-06 | 8.61E-06 | 8.46E-06 | 8.32E-06 |
| 167827.695380608390 | 167827.70 | 3908688.19 | FENCEGRD | 5.40E-04 | 5.26E-04 | 5.12E-04 | 4.99E-04 | 2.49E-05 | 2.08E-04 | 9.47E-06 | 9.34E-06 | 9.20E-06 | 9.07E-06 |
| 167851.910020382390 | 167851.91 | 3908690.47 | FENCEGRD | 5.70E-04 | 5.57E-04 | 5.44E-04 | 5.33E-04 | 2.61E-05 | 2.37E-04 | 1.00E-05 | 9.93E-06 | 9.80E-06 | 9.68E-06 |
| 167876.124660157390 | 167876.12 | 3908692.76 | FENCEGRD | 5.87E-04 | 5.76E-04 | 5.64E-04 | 5.54E-04 | 2.67E-05 | 2.62E-04 | 1.04E-05 | 1.03E-05 | 1.02E-05 | 1.01E-05 |
| 167900.339299931390 | 167900.34 | 3908695.05 | FENCEGRD | 6.17E-04 | 6.06E-04 | 5.96E-04 | 5.87E-04 | 2.82E-05 | 2.89E-04 | 1.11E-05 | 1.10E-05 | 1.09E-05 | 1.08E-05 |
| 167936.849799296390 | 167936.85 | 3908769.26 | FENCEGRD | 8.29E-04 | 8.18E-04 | 8.08E-04 | 7.98E-04 | 3.48E-05 | 3.48E-04 | 1.44E-05 | 1.43E-05 | 1.41E-05 | 1.40E-05 |
| 167940.948419159390 | 167940.95 | 3908793.24 | FENCEGRD | 8.70E-04 | 8.63E-04 | 8.54E-04 | 8.45E-04 | 3.56E-05 | 3.29E-04 | 1.51E-05 | 1.50E-05 | 1.48E-05 | 1.47E-05 |
| 167945.047030922390 | 167945.05 | 3908817.21 | FENCEGRD | 9.08E-04 | 9.06E-04 | 9.03E-04 | 8.98E-04 | 3.72E-05 | 3.06E-04 | 1.61E-05 | 1.59E-05 | 1.58E-05 | 1.57E-05 |
| 167949.145658886390 | 167949.15 | 3908841.19 | FENCEGRD | 9.28E-04 | 9.36E-04 | 9.43E-04 | 9.44E-04 | 3.94E-05 | 2.81E-04 | 1.70E-05 | 1.70E-05 | 1.69E-05 | 1.68E-05 |
| 167953.244278749390 | 167953.24 | 3908865.16 | FENCEGRD | 9.19E-04 | 9.37E-04 | 9.57E-04 | 9.69E-04 | 4.19E-05 | 2.57E-04 | 1.79E-05 | 1.79E-05 | 1.79E-05 | 1.79E-05 |
| 167957.342898613390 | 167957.34 | 3908889.14 | FENCEGRD | 8.79E-04 | 9.07E-04 | 9.38E-04 | 9.61E-04 | 4.45E-05 | 2.33E-04 | 1.83E-05 | 1.84E-05 | 1.86E-05 | 1.86E-05 |
| 167961.441518476390 | 167961.44 | 3908913.11 | FENCEGRD | 8.44E-04 | 8.78E-04 | 9.17E-04 | 9.49E-04 | 4.70E-05 | 2.08E-04 | 1.83E-05 | 1.85E-05 | 1.87E-05 | 1.88E-05 |
| 167682.407541962390 | 167682.41 | 3908674.45 | FENCEGRD | 2.65E-04 | 2.50E-04 | 2.33E-04 | 2.20E-04 | 1.25E-05 | 6.09E-05 | 4.31E-06 | 4.17E-06 | 4.03E-06 | 3.91E-06 |
| 167661.509541962390 | 167661.51 | 3908687.54 | FENCEGRD | 2.39E-04 | 2.25E-04 | 2.11E-04 | 1.99E-04 | 1.14E-05 | 5.11E-05 | 3.79E-06 | 3.67E-06 | 3.56E-06 | 3.45E-06 |
| 167640.611541962390 | 167640.61 | 3908700.62 | FENCEGRD | 2.15E-04 | 2.03E-04 | 1.90E-04 | 1.81E-04 | 1.03E-05 | 4.30E-05 | 3.33E-06 | 3.23E-06 | 3.13E-06 | 3.04E-06 |
| 167619.713541962390 | 167619.71 | 3908713.71 | FENCEGRD | 1.94E-04 | 1.84E-04 | 1.73E-0 | | | | | | | |

Project Ground Level Concentrations-16<30

| | | | | 16<30 GLC (µg/m³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.849192287390 | 168005.85 | 3908937.31 | FENCEGRD | 7.24E-04 | 7.60E-04 | 8.00E-04 | 8.35E-04 | 4.76E-05 | 1.54E-04 | 1.56E-05 | 1.58E-05 | 1.61E-05 | 1.63E-05 |
| 167655.874427453390 | 167655.87 | 3908632.07 | FENCEGRD | 1.97E-04 | 1.87E-04 | 1.77E-04 | 1.69E-04 | 9.92E-06 | 4.51E-05 | 3.27E-06 | 3.18E-06 | 3.09E-06 | 3.01E-06 |
| 167634.976427453390 | 167634.98 | 3908645.16 | FENCEGRD | 1.81E-04 | 1.72E-04 | 1.63E-04 | 1.55E-04 | 9.05E-06 | 3.87E-05 | 2.91E-06 | 2.84E-06 | 2.76E-06 | 2.69E-06 |
| 167614.078427453390 | 167614.08 | 3908658.24 | FENCEGRD | 1.66E-04 | 1.58E-04 | 1.50E-04 | 1.44E-04 | 8.27E-06 | 3.35E-05 | 2.61E-06 | 2.55E-06 | 2.48E-06 | 2.42E-06 |
| 167593.180427453390 | 167593.18 | 3908671.33 | FENCEGRD | 1.53E-04 | 1.46E-04 | 1.39E-04 | 1.33E-04 | 7.56E-06 | 2.94E-05 | 2.35E-06 | 2.30E-06 | 2.24E-06 | 2.19E-06 |
| 167572.282427453390 | 167572.28 | 3908684.41 | FENCEGRD | 1.40E-04 | 1.33E-04 | 1.26E-04 | 1.21E-04 | 6.93E-06 | 2.60E-05 | 2.12E-06 | 2.07E-06 | 2.02E-06 | 1.97E-06 |
| 167551.384427453390 | 167551.38 | 3908697.49 | FENCEGRD | 1.26E-04 | 1.20E-04 | 1.13E-04 | 1.08E-04 | 6.37E-06 | 2.33E-05 | 1.89E-06 | 1.85E-06 | 1.80E-06 | 1.76E-06 |
| 167653.555952718390 | 167653.56 | 3908591.98 | FENCEGRD | 1.77E-04 | 1.69E-04 | 1.60E-04 | 1.53E-04 | 9.16E-06 | 4.27E-05 | 3.02E-06 | 2.94E-06 | 2.87E-06 | 2.79E-06 |
| 167677.770592492390 | 167677.77 | 3908594.27 | FENCEGRD | 2.04E-04 | 1.94E-04 | 1.83E-04 | 1.74E-04 | 1.04E-05 | 5.19E-05 | 3.54E-06 | 3.45E-06 | 3.35E-06 | 3.26E-06 |
| 167701.985232266390 | 167701.99 | 3908596.56 | FENCEGRD | 2.38E-04 | 2.26E-04 | 2.13E-04 | 2.02E-04 | 1.20E-05 | 6.48E-05 | 4.21E-06 | 4.09E-06 | 3.97E-06 | 3.86E-06 |
| 167726.199872043908 | 167726.20 | 3908598.85 | FENCEGRD | 2.74E-04 | 2.62E-04 | 2.47E-04 | 2.35E-04 | 1.37E-05 | 7.78E-05 | 4.98E-06 | 4.84E-06 | 4.70E-06 | 4.57E-06 |
| 167750.414511815390 | 167750.41 | 3908601.14 | FENCEGRD | 2.97E-04 | 2.87E-04 | 2.77E-04 | 2.70E-04 | 1.57E-05 | 8.96E-05 | 5.56E-06 | 5.47E-06 | 5.36E-06 | 5.26E-06 |
| 167774.629151589390 | 167774.63 | 3908603.43 | FENCEGRD | 3.20E-04 | 3.09E-04 | 2.98E-04 | 2.88E-04 | 1.68E-05 | 1.03E-04 | 5.96E-06 | 5.86E-06 | 5.74E-06 | 5.63E-06 |
| 167798.843791363390 | 167798.84 | 3908605.72 | FENCEGRD | 3.44E-04 | 3.33E-04 | 3.21E-04 | 3.11E-04 | 1.76E-05 | 1.19E-04 | 6.41E-06 | 6.30E-06 | 6.18E-06 | 6.07E-06 |
| 167823.058431138390 | 167823.06 | 3908608.00 | FENCEGRD | 3.72E-04 | 3.61E-04 | 3.49E-04 | 3.39E-04 | 1.87E-05 | 1.38E-04 | 6.95E-06 | 6.84E-06 | 6.71E-06 | 6.60E-06 |
| 167847.273070912390 | 167847.27 | 3908610.29 | FENCEGRD | 4.01E-04 | 3.91E-04 | 3.79E-04 | 3.70E-04 | 2.00E-05 | 1.59E-04 | 7.53E-06 | 7.42E-06 | 7.31E-06 | 7.20E-06 |
| 167871.487710686390 | 167871.49 | 3908612.58 | FENCEGRD | 4.25E-04 | 4.16E-04 | 4.06E-04 | 3.97E-04 | 2.11E-05 | 1.78E-04 | 8.03E-06 | 7.94E-06 | 7.83E-06 | 7.73E-06 |
| 167895.702350461390 | 167895.70 | 3908614.87 | FENCEGRD | 4.46E-04 | 4.38E-04 | 4.29E-04 | 4.21E-04 | 2.22E-05 | 1.96E-04 | 8.49E-06 | 8.40E-06 | 8.31E-06 | 8.22E-06 |
| 167919.916990235390 | 167919.92 | 3908617.45 | FENCEGRD | 4.63E-04 | 4.56E-04 | 4.49E-04 | 4.41E-04 | 2.31E-05 | 2.12E-04 | 8.90E-06 | 8.82E-06 | 8.73E-06 | 8.65E-06 |
| 167944.131630009390 | 167944.13 | 3908619.16 | FENCEGRD | 4.77E-04 | 4.70E-04 | 4.63E-04 | 4.57E-04 | 2.38E-05 | 2.27E-04 | 9.24E-06 | 9.16E-06 | 9.07E-06 | 8.99E-06 |
| 167968.346269784390 | 167968.35 | 3908621.74 | FENCEGRD | 5.02E-04 | 4.95E-04 | 4.87E-04 | 4.81E-04 | 2.52E-05 | 2.45E-04 | 9.83E-06 | 9.75E-06 | 9.66E-06 | 9.58E-06 |
| 167996.659529421390 | 167996.66 | 3908648.00 | FENCEGRD | 5.88E-04 | 5.81E-04 | 5.74E-04 | 5.68E-04 | 2.99E-05 | 2.94E-04 | 1.19E-05 | 1.18E-05 | 1.17E-05 | 1.16E-05 |
| 168000.758149285390 | 168000.76 | 3908671.98 | FENCEGRD | 6.39E-04 | 6.32E-04 | 6.25E-04 | 6.19E-04 | 3.17E-05 | 3.13E-04 | 1.28E-05 | 1.27E-05 | 1.27E-05 | 1.26E-05 |
| 168004.856769148390 | 168004.86 | 3908695.95 | FENCEGRD | 6.89E-04 | 6.82E-04 | 6.76E-04 | 6.70E-04 | 3.38E-05 | 3.21E-04 | 1.37E-05 | 1.36E-05 | 1.35E-05 | 1.34E-05 |
| 168008.955389012390 | 168008.96 | 3908719.92 | FENCEGRD | 7.32E-04 | 7.27E-04 | 7.22E-04 | 7.17E-04 | 3.54E-05 | 3.16E-04 | 1.43E-05 | 1.42E-05 | 1.41E-05 | 1.40E-05 |
| 168013.054008875390 | 168013.05 | 3908743.90 | FENCEGRD | 7.68E-04 | 7.67E-04 | 7.65E-04 | 7.61E-04 | 3.66E-05 | 3.01E-04 | 1.48E-05 | 1.48E-05 | 1.47E-05 | 1.46E-05 |
| 168017.152628739390 | 168017.15 | 3908767.87 | FENCEGRD | 8.05E-04 | 8.07E-04 | 8.10E-04 | 8.10E-04 | 3.87E-05 | 2.84E-04 | 1.56E-05 | 1.55E-05 | 1.55E-05 | 1.55E-05 |
| 168021.251248602390 | 168021.25 | 3908791.85 | FENCEGRD | 8.27E-04 | 8.34E-04 | 8.43E-04 | 8.47E-04 | 4.06E-05 | 2.61E-04 | 1.61E-05 | 1.61E-05 | 1.61E-05 | 1.61E-05 |
| 168025.349868465390 | 168025.35 | 3908815.82 | FENCEGRD | 8.32E-04 | 8.46E-04 | 8.61E-04 | 8.70E-04 | 4.23E-05 | 2.38E-04 | 1.63E-05 | 1.64E-05 | 1.65E-05 | 1.65E-05 |
| 168029.448488329390 | 168029.45 | 3908839.80 | FENCEGRD | 8.22E-04 | 8.41E-04 | 8.62E-04 | 8.78E-04 | 4.38E-05 | 2.16E-04 | 1.64E-05 | 1.65E-05 | 1.66E-05 | 1.67E-05 |
| 168033.547108192390 | 168033.55 | 3908863.77 | FENCEGRD | 7.98E-04 | 8.20E-04 | 8.46E-04 | 8.67E-04 | 4.50E-05 | 1.94E-04 | 1.61E-05 | 1.63E-05 | 1.65E-05 | 1.66E-05 |
| 168037.645728056390 | 168037.65 | 3908887.75 | FENCEGRD | 7.56E-04 | 7.82E-04 | 8.13E-04 | 8.38E-04 | 4.57E-05 | 1.74E-04 | 1.57E-05 | 1.59E-05 | 1.61E-05 | 1.62E-05 |
| 168041.744347919390 | 168041.74 | 3908911.72 | FENCEGRD | 6.96E-04 | 7.25E-04 | 7.59E-04 | 7.88E-04 | 4.58E-05 | 1.55E-04 | 1.49E-05 | 1.51E-05 | 1.54E-05 | 1.56E-05 |
| 168045.842967783390 | 168045.84 | 3908935.70 | FENCEGRD | 6.19E-04 | 6.50E-04 | 6.86E-04 | 7.17E-04 | 4.52E-05 | 1.37E-04 | 1.39E-05 | 1.42E-05 | 1.44E-05 | 1.47E-05 |
| 168049.941587646390 | 168049.94 | 3908959.67 | FENCEGRD | 5.33E-04 | 5.63E-04 | 5.98E-04 | 6.29E-04 | 4.40E-05 | 1.22E-04 | 1.27E-05 | 1.29E-05 | 1.32E-05 | 1.35E-05 |
| 167629.341312943390 | 167629.34 | 3908589.69 | FENCEGRD | 1.56E-04 | 1.50E-04 | 1.42E-04 | 1.37E-04 | 8.09E-06 | 3.59E-05 | 2.62E-06 | 2.56E-06 | 2.50E-06 | 2.44E-06 |
| 167608.443312943390 | 167608.44 | 3908602.78 | FENCEGRD | 1.46E-04 | 1.40E-04 | 1.33E-04 | 1.28E-04 | 7.44E-06 | 3.14E-05 | 2.38E-06 | 2.33E-06 | 2.27E-06 | 2.22E-06 |
| 167587.545312943390 | 167587.55 | 3908615.86 | FENCEGRD | 1.35E-04 | 1.30E-04 | 1.24E-04 | 1.19E-04 | 6.85E-06 | 2.77E-05 | 2.16E-06 | 2.12E-06 | 2.07E-06 | 2.03E-06 |
| 167566.647312943390 | 167566.65 | 3908628.95 | FENCEGRD | 1.25E-04 | 1.20E-04 | 1.14E-04 | 1.09E-04 | 6.33E-06 | 2.45E-05 | 1.97E-06 | 1.93E-06 | 1.88E-06 | 1.84E-06 |
| 167545.749312943390 | 167545.75 | 3908642.03 | FENCEGRD | 1.14E-04 | 1.09E-04 | 1.04E-04 | 9.92E-05 | 5.86E-06 | 2.19E-05 | 1.78E-06 | 1.74E-06 | 1.70E-06 | 1.66E-06 |
| 167524.851312943390 | 167524.85 | 3908655.11 | FENCEGRD | 1.03E-04 | 9.86E-05 | 9.38E-05 | 9.00E-05 | 5.45E-06 | 1.97E-05 | 1.59E-06 | 1.55E-06 | 1.51E-06 | 1.48E-06 |
| 167600.489723699390 | 167600.49 | 3908507.23 | FENCEGRD | 1.23E-04 | 1.18E-04 | 1.14E-04 | 1.10E-04 | 6.55E-06 | 3.01E-05 | 2.14E-06 | 2.10E-06 | 2.06E-06 | 2.02E-06 |
| 167624.704363473390 | 167624.70 | 3908509.51 | FENCEGRD | 1.33E-04 | 1.28E-04 | 1.23E-04 | 1.19E-04 | 7.19E-06 | 3.40E-05 | 2.36E-06 | 2.31E-06 | 2.26E-06 | 2.21E-06 |
| 167648.919003247390 | 167648.92 | 3908511.80 | FENCEGRD | 1.46E-04 | 1.40E-04 | 1.34E-04 | 1.29E-04 | 7.97E-06 | 3.91E-05 | 2.64E-06 | 2.58E-06 | 2.52E-06 | 2.47E-06 |
| 167673.133643022390 | 167673.13 | 3908514.09 | FENCEGRD | 1.63E-04 | 1.56E-04 | 1.48E-04 | 1.43E-04 | 8.91E-06 | 4.57E-05 | 3.00E-06 | 2.93E-06 | 2.86E-06 | 2.79E-06 |
| 167697.348282796390 | 167697.35 | 3908516.38 | FENCEGRD | 1.82E-04 | 1.74E-04 | 1.66E-04 | 1.59E-04 | 9.93E-06 | 5.36E-05 | 3.42E-06 | 3.33E-06 | 3.25E-06 | 3.17E-06 |
| 167721.562922573908 | 167721.56 | 3908518.67 | FENCEGRD | 2.06E-04 | 1.97E-04 | 1.87E-04 | 1.79E-04 | 1.11E-05 | 6.35E-05 | 3.93E-06 | 3.83E-06 | 3.73E-06 | 3.64E-06 |
| 167745.777562345390 | 167745.78 | 3908520.96 | FENCEGRD | 2.27E-04 | 2.21E-04 | 2.12E-04 | 2.04E-04 | 1.26E-05 | 7.21E-05 | 4.51E-06 | 4.44E-06 | 4.34E-06 | 4.24E-06 |
| 167769.992202119390 | 167769.99 | 3908523.25 | FENCEGRD | 2.41E-04 | 2.34E-04 | 2.26E-04 | 2.20E-04 | 1.40E-05 | 7.99E-05 | 4.80E-06 | 4.73E-06 | 4.64E-06 | 4.57E-06 |
| 167794.206841893390 | 167794.21 | 3908525.54 | FENCEGRD | 2.57E-04 | 2.49E-04 | 2.41E-04 | 2.34E-04 | 1.45E-05 | 8.95E-05 | 5.11E-06 | 5.03E-06 | 4.94E-06 | 4.86E-06 |
| 167818.421481668390 | 167818.42 | 3908527.82 | FENCEGRD | 2.79E-04 | 2.71E-04 | 2.63E-04 | 2.55E-04 | 1.55E-05 | 1.02E-04 | 5.57E-06 | 5.48E-06 | 5.39E-06 | 5.30E-06 |
| 167842.636121442390 | 167842.64 | 3908530.11 | FENCEGRD | 3.04E-04 | 2.96E-04 | 2.87E-04 | 2.80E-04 | 1.67E-05 | 1.17E-04 | 6.08E-06 | 6.00E-06 | 5.90E-06 | 5.82E-06 |
| 167866.850761216390 | 167866.85 | 3908532.40 | FENCEGRD | 3.25E-04 | 3.18E-04 | 3.10E-04 | 3.03E-04 | 1.77E-05 | 1.32E-04 | 6.55E-06 | 6.47E-06 | 6.37E-06 | 6.29E-06 |
| 167891.065400991390 | 167891.07 | 3908534.69 | FENCEGRD | 3.46E-04 | 3.38E-04 | 3.31E-04 | 3.24E-04 | 1.87E-05 | 1.47E-04 | 6.99E-06 | 6.91E-06 | 6.82E-06 | 6.75E-06 |
| 167915.280040765390 | 167915.28 | 3908536.98 | FENCEGRD | 3.63E-04 | 3.56E-04 | 3.49E-04 | 3.43E-04 | 1.97E-05 | 1.60E-04 | 7.38E-06 | 7.32E-06 | 7.23E-06 | 7.16E-06 |
| 167939.494680539390 | 167939.49 | 3908539.27 | FENCEGRD | 3.79E-04 | 3.73E-04 | 3.67E-04 | 3.62E-04 | 2.06E-05 | 1.73E-04 | 7.78E-06 | 7.72E-06 | 7.64E-06 | 7.58E-06 |
| 167963.709320314390 | 167963.71 | 3908541.56 | FENCEGRD | 3.94E-04 | 3.89E-04 | 3.84E-04 | 3.79E-04 | 2.16E-05 | 1.85E-04 | 8.18E-06 | 8.12E-06 | 8.05E-06 | 8.00E-06 |
| 167987.923960088390 | 167987.92 | 3908543.84 | FENCEGRD | 4.13E-04 | 4.07E-04 | 4.02E-04 | 3.98E-04 | 2.29E-05 | 2.00E-04 | 8.68E-06 | 8.63E-06 | 8.57E-06 | 8.52E-06 |
| 168012.138599862390 | 168012.14 | 3908546.13 | FENCEGRD | 4.38E-04 | 4.33E-04 | 4.27E-04 | 4.21E-04 | 2.40E-05 | 2.24E-04 | 9.56E-06 | 9.52E-06 | 9.45E-06 | 9.37E-06 |
| 168036.353239637390 | 168036.35 | 3908548.42 | FENCEGRD | 4.50E-04 | 4.41E-04 | 4.31E-04 | 4.22E-04 | 2.40E-05 | 2.40E-04 | 9.80E-06 | 9.66E-06 | 9.54E-06 | 9.42E-06 |
| 168064.666499274390 | 168064.67 | 3908574.69 | FENCEGRD | 4.94E-04 | 4.87E-04 | 4.78E-04 | 4.69E-04 | 2.65E-05 | 2.63E-04 | 1.09E-05 | 1.08E-05 | 1.07E-05 | 1.05E-05 |
| 168068.765119138390 | 168068.77 | 3908598.66 | FENCEGRD | 5.27E-04 | 5.22E-04 | 5.16E- | | | | | | | |

Project Ground Level Concentrations-16<30

| | | | | 16<30 GLC (µg/m ³) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167471.785083924390 | 167471.79 | 3908570.36 | FENCEGRD | 7.80E-05 | 7.50E-05 | 7.18E-05 | 6.93E-05 | 4.35E-06 | 1.60E-05 | 1.22E-06 | 1.20E-06 | 1.17E-06 | 1.15E-06 |
| 167547.423494683908 | 167547.42 | 3908422.47 | FENCEGRD | 8.66E-05 | 8.53E-05 | 8.40E-05 | 8.31E-05 | 5.38E-06 | 2.18E-05 | 1.65E-06 | 1.64E-06 | 1.62E-06 | 1.61E-06 |
| 167571.638134454390 | 167571.64 | 3908424.76 | FENCEGRD | 9.45E-05 | 9.33E-05 | 9.21E-05 | 9.13E-05 | 5.87E-06 | 2.45E-05 | 1.81E-06 | 1.79E-06 | 1.78E-06 | 1.76E-06 |
| 167595.852774228390 | 167595.85 | 3908427.04 | FENCEGRD | 1.03E-04 | 1.01E-04 | 1.00E-04 | 9.98E-05 | 6.33E-06 | 2.77E-05 | 1.98E-06 | 1.97E-06 | 1.95E-06 | 1.93E-06 |
| 167620.067414003390 | 167620.07 | 3908429.33 | FENCEGRD | 1.11E-04 | 1.10E-04 | 1.09E-04 | 1.08E-04 | 6.83E-06 | 3.13E-05 | 2.18E-06 | 2.17E-06 | 2.14E-06 | 2.12E-06 |
| 167644.282053777390 | 167644.28 | 3908431.62 | FENCEGRD | 1.21E-04 | 1.20E-04 | 1.18E-04 | 1.15E-04 | 7.41E-06 | 3.54E-05 | 2.42E-06 | 2.39E-06 | 2.36E-06 | 2.33E-06 |
| 167668.496693551390 | 167668.50 | 3908433.91 | FENCEGRD | 1.34E-04 | 1.31E-04 | 1.28E-04 | 1.24E-04 | 8.05E-06 | 4.02E-05 | 2.69E-06 | 2.65E-06 | 2.60E-06 | 2.56E-06 |
| 167692.711333325390 | 167692.71 | 3908436.20 | FENCEGRD | 1.48E-04 | 1.44E-04 | 1.38E-04 | 1.33E-04 | 8.75E-06 | 4.59E-05 | 2.99E-06 | 2.93E-06 | 2.87E-06 | 2.80E-06 |
| 167716.925973139084 | 167716.93 | 3908438.49 | FENCEGRD | 1.63E-04 | 1.58E-04 | 1.51E-04 | 1.45E-04 | 9.53E-06 | 5.25E-05 | 3.32E-06 | 3.25E-06 | 3.17E-06 | 3.10E-06 |
| 167741.140612874390 | 167741.14 | 3908440.78 | FENCEGRD | 1.79E-04 | 1.73E-04 | 1.66E-04 | 1.59E-04 | 1.04E-05 | 5.97E-05 | 3.69E-06 | 3.61E-06 | 3.53E-06 | 3.45E-06 |
| 167765.355252648390 | 167765.36 | 3908443.07 | FENCEGRD | 1.92E-04 | 1.88E-04 | 1.83E-04 | 1.77E-04 | 1.15E-05 | 6.67E-05 | 4.07E-06 | 4.01E-06 | 3.95E-06 | 3.87E-06 |
| 167789.569892423390 | 167789.57 | 3908445.35 | FENCEGRD | 2.05E-04 | 2.00E-04 | 1.94E-04 | 1.90E-04 | 1.27E-05 | 7.35E-05 | 4.34E-06 | 4.28E-06 | 4.21E-06 | 4.15E-06 |
| 167813.784532197390 | 167813.78 | 3908447.64 | FENCEGRD | 2.21E-04 | 2.15E-04 | 2.09E-04 | 2.04E-04 | 1.34E-05 | 8.23E-05 | 4.68E-06 | 4.62E-06 | 4.54E-06 | 4.48E-06 |
| 167837.999171971390 | 167838.00 | 3908449.93 | FENCEGRD | 2.37E-04 | 2.31E-04 | 2.25E-04 | 2.20E-04 | 1.42E-05 | 9.20E-05 | 5.03E-06 | 4.96E-06 | 4.89E-06 | 4.82E-06 |
| 167862.213811746390 | 167862.21 | 3908452.22 | FENCEGRD | 2.56E-04 | 2.50E-04 | 2.44E-04 | 2.39E-04 | 1.52E-05 | 1.04E-04 | 5.47E-06 | 5.40E-06 | 5.33E-06 | 5.26E-06 |
| 167886.428451523908 | 167886.43 | 3908454.51 | FENCEGRD | 2.75E-04 | 2.69E-04 | 2.63E-04 | 2.57E-04 | 1.63E-05 | 1.16E-04 | 5.90E-06 | 5.84E-06 | 5.77E-06 | 5.70E-06 |
| 167910.643091294390 | 167910.64 | 3908456.80 | FENCEGRD | 2.92E-04 | 2.86E-04 | 2.80E-04 | 2.75E-04 | 1.72E-05 | 1.28E-04 | 6.30E-06 | 6.24E-06 | 6.17E-06 | 6.11E-06 |
| 167934.857731068390 | 167934.86 | 3908459.09 | FENCEGRD | 3.07E-04 | 3.02E-04 | 2.96E-04 | 2.91E-04 | 1.82E-05 | 1.39E-04 | 6.69E-06 | 6.64E-06 | 6.57E-06 | 6.52E-06 |
| 167959.072370843390 | 167959.07 | 3908461.38 | FENCEGRD | 3.24E-04 | 3.19E-04 | 3.14E-04 | 3.09E-04 | 1.93E-05 | 1.52E-04 | 7.17E-06 | 7.13E-06 | 7.07E-06 | 7.02E-06 |
| 167983.287010617390 | 167983.29 | 3908463.66 | FENCEGRD | 3.39E-04 | 3.35E-04 | 3.30E-04 | 3.24E-04 | 1.97E-05 | 1.66E-04 | 7.66E-06 | 7.62E-06 | 7.56E-06 | 7.48E-06 |
| 168007.501650391390 | 168007.50 | 3908465.95 | FENCEGRD | 3.50E-04 | 3.43E-04 | 3.35E-04 | 3.28E-04 | 1.98E-05 | 1.80E-04 | 7.86E-06 | 7.76E-06 | 7.66E-06 | 7.56E-06 |
| 168031.716290166390 | 168031.72 | 3908468.24 | FENCEGRD | 3.52E-04 | 3.45E-04 | 3.37E-04 | 3.30E-04 | 1.99E-05 | 1.83E-04 | 7.90E-06 | 7.80E-06 | 7.71E-06 | 7.62E-06 |
| 168055.930929943908 | 168055.93 | 3908470.53 | FENCEGRD | 3.58E-04 | 3.51E-04 | 3.43E-04 | 3.37E-04 | 2.04E-05 | 1.89E-04 | 8.09E-06 | 7.99E-06 | 7.90E-06 | 7.81E-06 |
| 168080.145569714390 | 168080.15 | 3908472.82 | FENCEGRD | 3.64E-04 | 3.58E-04 | 3.50E-04 | 3.43E-04 | 2.08E-05 | 1.96E-04 | 8.31E-06 | 8.21E-06 | 8.12E-06 | 8.03E-06 |
| 168104.360209489390 | 168104.36 | 3908475.11 | FENCEGRD | 3.71E-04 | 3.65E-04 | 3.57E-04 | 3.51E-04 | 2.14E-05 | 2.03E-04 | 8.56E-06 | 8.46E-06 | 8.37E-06 | 8.27E-06 |
| 168132.673469126390 | 168132.67 | 3908501.37 | FENCEGRD | 4.11E-04 | 4.04E-04 | 3.97E-04 | 3.90E-04 | 2.37E-05 | 2.31E-04 | 9.63E-06 | 9.52E-06 | 9.41E-06 | 9.31E-06 |
| 168136.772088993908 | 168136.77 | 3908525.35 | FENCEGRD | 4.41E-04 | 4.35E-04 | 4.27E-04 | 4.20E-04 | 2.53E-05 | 2.43E-04 | 1.03E-05 | 1.02E-05 | 1.01E-05 | 1.00E-05 |
| 168140.870708853390 | 168140.87 | 3908549.32 | FENCEGRD | 4.68E-04 | 4.63E-04 | 4.58E-04 | 4.51E-04 | 2.69E-05 | 2.52E-04 | 1.10E-05 | 1.09E-05 | 1.08E-05 | 1.07E-05 |
| 168144.969328717390 | 168144.97 | 3908573.30 | FENCEGRD | 4.95E-04 | 4.91E-04 | 4.84E-04 | 4.77E-04 | 2.82E-05 | 2.61E-04 | 1.16E-05 | 1.15E-05 | 1.14E-05 | 1.13E-05 |
| 168149.067948583908 | 168149.07 | 3908597.27 | FENCEGRD | 5.21E-04 | 5.19E-04 | 5.16E-04 | 5.12E-04 | 3.02E-05 | 2.62E-04 | 1.22E-05 | 1.22E-05 | 1.21E-05 | 1.21E-05 |
| 168153.166568444390 | 168153.17 | 3908621.24 | FENCEGRD | 5.42E-04 | 5.41E-04 | 5.41E-04 | 5.39E-04 | 3.19E-05 | 2.54E-04 | 1.24E-05 | 1.23E-05 | 1.23E-05 | 1.23E-05 |
| 168157.265188307390 | 168157.27 | 3908645.22 | FENCEGRD | 5.61E-04 | 5.62E-04 | 5.63E-04 | 5.63E-04 | 3.29E-05 | 2.48E-04 | 1.27E-05 | 1.27E-05 | 1.27E-05 | 1.27E-05 |
| 168161.363808171390 | 168161.36 | 3908669.19 | FENCEGRD | 5.78E-04 | 5.81E-04 | 5.85E-04 | 5.87E-04 | 3.44E-05 | 2.41E-04 | 1.31E-05 | 1.31E-05 | 1.31E-05 | 1.31E-05 |
| 168165.462428034390 | 168165.46 | 3908693.17 | FENCEGRD | 5.85E-04 | 5.90E-04 | 5.97E-04 | 6.01E-04 | 3.52E-05 | 2.27E-04 | 1.32E-05 | 1.32E-05 | 1.33E-05 | 1.33E-05 |
| 168169.561047897390 | 168169.56 | 3908717.14 | FENCEGRD | 5.83E-04 | 5.91E-04 | 6.00E-04 | 6.07E-04 | 3.57E-05 | 2.11E-04 | 1.31E-05 | 1.32E-05 | 1.32E-05 | 1.33E-05 |
| 168173.659667761390 | 168173.66 | 3908741.12 | FENCEGRD | 5.74E-04 | 5.84E-04 | 5.96E-04 | 6.05E-04 | 3.62E-05 | 1.95E-04 | 1.30E-05 | 1.30E-05 | 1.31E-05 | 1.32E-05 |
| 168177.758287624390 | 168177.76 | 3908765.09 | FENCEGRD | 5.67E-04 | 5.79E-04 | 5.93E-04 | 6.05E-04 | 3.70E-05 | 1.81E-04 | 1.29E-05 | 1.30E-05 | 1.31E-05 | 1.32E-05 |
| 168181.856907488390 | 168181.86 | 3908789.07 | FENCEGRD | 5.59E-04 | 5.73E-04 | 5.89E-04 | 6.02E-04 | 3.79E-05 | 1.69E-04 | 1.28E-05 | 1.29E-05 | 1.30E-05 | 1.32E-05 |
| 168185.955527351390 | 168185.96 | 3908813.04 | FENCEGRD | 5.38E-04 | 5.53E-04 | 5.71E-04 | 5.86E-04 | 3.80E-05 | 1.55E-04 | 1.24E-05 | 1.26E-05 | 1.27E-05 | 1.29E-05 |
| 168190.054147215390 | 168190.05 | 3908837.02 | FENCEGRD | 5.06E-04 | 5.23E-04 | 5.42E-04 | 5.59E-04 | 3.75E-05 | 1.40E-04 | 1.19E-05 | 1.20E-05 | 1.22E-05 | 1.24E-05 |
| 168194.152767078390 | 168194.15 | 3908860.99 | FENCEGRD | 4.69E-04 | 4.86E-04 | 5.07E-04 | 5.25E-04 | 3.69E-05 | 1.27E-04 | 1.12E-05 | 1.14E-05 | 1.16E-05 | 1.18E-05 |
| 168198.251386942390 | 168198.25 | 3908884.97 | FENCEGRD | 4.29E-04 | 4.47E-04 | 4.68E-04 | 4.87E-04 | 3.62E-05 | 1.15E-04 | 1.05E-05 | 1.07E-05 | 1.09E-05 | 1.11E-05 |
| 168202.350006805390 | 168202.35 | 3908908.94 | FENCEGRD | 3.78E-04 | 3.95E-04 | 4.15E-04 | 4.33E-04 | 3.45E-05 | 1.02E-04 | 9.56E-06 | 9.74E-06 | 9.92E-06 | 1.01E-05 |
| 168206.448626668390 | 168206.45 | 3908932.92 | FENCEGRD | 3.31E-04 | 3.46E-04 | 3.64E-04 | 3.80E-04 | 3.28E-05 | 9.13E-05 | 8.60E-06 | 8.77E-06 | 8.94E-06 | 9.11E-06 |
| 168210.547246532390 | 168210.55 | 3908956.89 | FENCEGRD | 2.93E-04 | 3.06E-04 | 3.21E-04 | 3.35E-04 | 3.10E-05 | 8.22E-05 | 7.72E-06 | 7.87E-06 | 8.02E-06 | 8.17E-06 |
| 168214.645866395390 | 168214.65 | 3908980.87 | FENCEGRD | 2.65E-04 | 2.75E-04 | 2.88E-04 | 3.00E-04 | 2.91E-05 | 7.44E-05 | 6.95E-06 | 7.07E-06 | 7.20E-06 | 7.33E-06 |
| 168218.744486259390 | 168218.74 | 3909004.84 | FENCEGRD | 2.38E-04 | 2.47E-04 | 2.57E-04 | 2.67E-04 | 2.68E-05 | 6.74E-05 | 6.25E-06 | 6.35E-06 | 6.46E-06 | 6.57E-06 |
| 168222.843106122390 | 168222.84 | 3909028.82 | FENCEGRD | 2.11E-04 | 2.20E-04 | 2.29E-04 | 2.38E-04 | 2.45E-05 | 6.14E-05 | 5.65E-06 | 5.74E-06 | 5.83E-06 | 5.92E-06 |
| 168226.941725986390 | 168226.94 | 3909052.79 | FENCEGRD | 1.86E-04 | 1.94E-04 | 2.02E-04 | 2.10E-04 | 2.22E-05 | 5.62E-05 | 5.14E-06 | 5.22E-06 | 5.29E-06 | 5.37E-06 |
| 167523.208854905390 | 167523.21 | 3908420.18 | FENCEGRD | 7.90E-05 | 7.77E-05 | 7.64E-05 | 7.54E-05 | 4.99E-06 | 1.95E-05 | 1.51E-06 | 1.50E-06 | 1.48E-06 | 1.46E-06 |
| 167502.310854905390 | 167502.31 | 3908433.26 | FENCEGRD | 7.70E-05 | 7.57E-05 | 7.45E-05 | 7.38E-05 | 4.94E-06 | 1.84E-05 | 1.45E-06 | 1.43E-06 | 1.41E-06 | 1.40E-06 |
| 167481.412854905390 | 167481.41 | 3908446.35 | FENCEGRD | 7.54E-05 | 7.44E-05 | 7.37E-05 | 7.27E-05 | 4.68E-06 | 1.74E-05 | 1.39E-06 | 1.37E-06 | 1.35E-06 | 1.34E-06 |
| 167460.514854905390 | 167460.51 | 3908459.43 | FENCEGRD | 7.46E-05 | 7.27E-05 | 7.02E-05 | 6.79E-05 | 4.35E-06 | 1.66E-05 | 1.29E-06 | 1.27E-06 | 1.24E-06 | 1.22E-06 |
| 167439.616854905390 | 167439.62 | 3908472.51 | FENCEGRD | 7.02E-05 | 6.79E-05 | 6.53E-05 | 6.32E-05 | 4.01E-06 | 1.56E-05 | 1.16E-06 | 1.14E-06 | 1.11E-06 | 1.09E-06 |
| 167418.718854905390 | 167418.72 | 3908485.60 | FENCEGRD | 6.55E-05 | 6.33E-05 | 6.10E-05 | 5.90E-05 | 3.68E-06 | 1.45E-05 | 1.04E-06 | 1.03E-06 | 1.01E-06 | 9.88E-07 |
| 167494.357265661390 | 167494.36 | 3908337.71 | FENCEGRD | 5.14E-05 | 5.04E-05 | 4.94E-05 | 4.86E-05 | 3.63E-06 | 1.48E-05 | 1.11E-06 | 1.09E-06 | 1.08E-06 | 1.06E-06 |
| 167518.571905435390 | 167518.57 | 3908340.00 | FENCEGRD | 5.72E-05 | 5.62E-05 | 5.51E-05 | 5.42E-05 | 3.89E-06 | 1.65E-05 | 1.21E-06 | 1.20E-06 | 1.18E-06 | 1.17E-06 |
| 167542.786545209390 | 167542.79 | 3908342.29 | FENCEGRD | 6.32E-05 | 6.22E-05 | 6.11E-05 | 6.02E-05 | 4.18E-06 | 1.83E-05 | 1.32E-06 | 1.31E-06 | 1.29E-06 | 1.28E-06 |
| 167567.001184984390 | 167567.00 | 3908344.57 | FENCEGRD | 6.88E-05 | 6.78E-05 | 6.68E-05 | 6.60E-05 | 4.49E-06 | 2.04E-05 | 1.43E-06 | 1.41E-06 | 1.40E-06 | 1.39E-06 |
| 167591.215824758390 | 167591.22 | 3908346.86 | FENCEGRD | 7.41E-05 | 7.31E-05 | 7.21E-05 | 7.13E-05 | 4.86E-06 | 2.26E-05 | 1.54E-06 | 1.52E-06 | 1.51E-06 | 1.49E-06 |
| 167615.430464532390 | 167615.43 | 3908349.15 | FENCEGRD | 7.95E-05 | 7.83E-05 | 7.71E-05 | 7.63E-05 | 5.26E-06 | 2.50E-05 | 1.66E-06 | 1.65E-06 | 1.63E-06 | 1.61E-06 |
| 167639.645104307390 | 167639.65 | 3908351.44 | FENCEGRD | 8.53E-05 | 8.38E-05 | | | | | | | | |

Project Ground Level Concentrations-16<30

| | | | | 16<30 GLC (µg/m³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168200.680438979390 | 168200.68 | 3908428.06 | FENCEGRD | 3.52E-04 | 3.47E-04 | 3.41E-04 | 3.36E-04 | 2.19E-05 | 2.03E-04 | 8.76E-06 | 8.67E-06 | 8.58E-06 | 8.50E-06 |
| 168204.779058843390 | 168204.78 | 3908452.03 | FENCEGRD | 3.73E-04 | 3.69E-04 | 3.63E-04 | 3.58E-04 | 2.31E-05 | 2.13E-04 | 9.30E-06 | 9.20E-06 | 9.12E-06 | 9.03E-06 |
| 168208.877678706390 | 168208.88 | 3908476.01 | FENCEGRD | 3.94E-04 | 3.91E-04 | 3.86E-04 | 3.80E-04 | 2.44E-05 | 2.21E-04 | 9.83E-06 | 9.76E-06 | 9.67E-06 | 9.58E-06 |
| 168212.976298573908 | 168212.98 | 3908499.98 | FENCEGRD | 4.15E-04 | 4.12E-04 | 4.09E-04 | 4.05E-04 | 2.59E-05 | 2.26E-04 | 1.03E-05 | 1.03E-05 | 1.02E-05 | 1.02E-05 |
| 168217.074918433390 | 168217.07 | 3908523.96 | FENCEGRD | 4.34E-04 | 4.32E-04 | 4.30E-04 | 4.28E-04 | 2.75E-05 | 2.27E-04 | 1.06E-05 | 1.06E-05 | 1.05E-05 | 1.05E-05 |
| 168221.173538297390 | 168221.17 | 3908547.93 | FENCEGRD | 4.52E-04 | 4.51E-04 | 4.49E-04 | 4.48E-04 | 2.82E-05 | 2.25E-04 | 1.08E-05 | 1.08E-05 | 1.08E-05 | 1.08E-05 |
| 168225.272158163908 | 168225.27 | 3908571.90 | FENCEGRD | 4.68E-04 | 4.69E-04 | 4.69E-04 | 4.68E-04 | 2.92E-05 | 2.24E-04 | 1.12E-05 | 1.11E-05 | 1.11E-05 | 1.11E-05 |
| 168229.370778023390 | 168229.37 | 3908595.88 | FENCEGRD | 4.84E-04 | 4.86E-04 | 4.88E-04 | 4.88E-04 | 3.06E-05 | 2.23E-04 | 1.16E-05 | 1.16E-05 | 1.16E-05 | 1.16E-05 |
| 168233.469397887390 | 168233.47 | 3908619.85 | FENCEGRD | 4.97E-04 | 5.00E-04 | 5.04E-04 | 5.05E-04 | 3.19E-05 | 2.20E-04 | 1.19E-05 | 1.19E-05 | 1.20E-05 | 1.20E-05 |
| 168237.568017753908 | 168237.57 | 3908643.83 | FENCEGRD | 5.06E-04 | 5.11E-04 | 5.16E-04 | 5.19E-04 | 3.31E-05 | 2.13E-04 | 1.21E-05 | 1.22E-05 | 1.22E-05 | 1.23E-05 |
| 168241.666637614390 | 168241.67 | 3908667.80 | FENCEGRD | 5.10E-04 | 5.16E-04 | 5.23E-04 | 5.28E-04 | 3.41E-05 | 2.04E-04 | 1.23E-05 | 1.23E-05 | 1.24E-05 | 1.25E-05 |
| 168245.765257477390 | 168245.77 | 3908691.78 | FENCEGRD | 5.10E-04 | 5.18E-04 | 5.27E-04 | 5.33E-04 | 3.48E-05 | 1.93E-04 | 1.23E-05 | 1.24E-05 | 1.24E-05 | 1.25E-05 |
| 168249.863877341390 | 168249.86 | 3908715.75 | FENCEGRD | 5.05E-04 | 5.14E-04 | 5.24E-04 | 5.33E-04 | 3.53E-05 | 1.80E-04 | 1.21E-05 | 1.22E-05 | 1.23E-05 | 1.24E-05 |
| 168253.962497204390 | 168253.96 | 3908739.73 | FENCEGRD | 4.90E-04 | 5.00E-04 | 5.12E-04 | 5.22E-04 | 3.50E-05 | 1.65E-04 | 1.18E-05 | 1.19E-05 | 1.20E-05 | 1.21E-05 |
| 168258.061117067390 | 168258.06 | 3908763.70 | FENCEGRD | 4.62E-04 | 4.73E-04 | 4.86E-04 | 4.98E-04 | 3.39E-05 | 1.48E-04 | 1.11E-05 | 1.12E-05 | 1.14E-05 | 1.15E-05 |
| 168262.159736931390 | 168262.16 | 3908787.68 | FENCEGRD | 4.36E-04 | 4.48E-04 | 4.63E-04 | 4.75E-04 | 3.33E-05 | 1.35E-04 | 1.06E-05 | 1.08E-05 | 1.09E-05 | 1.10E-05 |
| 168266.258356794390 | 168266.26 | 3908811.65 | FENCEGRD | 4.07E-04 | 4.21E-04 | 4.36E-04 | 4.49E-04 | 3.26E-05 | 1.23E-04 | 1.01E-05 | 1.03E-05 | 1.04E-05 | 1.05E-05 |
| 168270.356976658390 | 168270.36 | 3908835.63 | FENCEGRD | 3.73E-04 | 3.86E-04 | 4.02E-04 | 4.16E-04 | 3.17E-05 | 1.12E-04 | 9.51E-06 | 9.65E-06 | 9.80E-06 | 9.93E-06 |
| 168274.455596521390 | 168274.46 | 3908859.60 | FENCEGRD | 3.36E-04 | 3.50E-04 | 3.66E-04 | 3.80E-04 | 3.06E-05 | 1.01E-04 | 8.84E-06 | 8.98E-06 | 9.12E-06 | 9.26E-06 |
| 168278.554216385390 | 168278.55 | 3908883.58 | FENCEGRD | 3.05E-04 | 3.18E-04 | 3.33E-04 | 3.47E-04 | 2.97E-05 | 9.20E-05 | 8.18E-06 | 8.32E-06 | 8.46E-06 | 8.60E-06 |
| 168282.652836248390 | 168282.65 | 3908907.55 | FENCEGRD | 2.76E-04 | 2.87E-04 | 3.01E-04 | 3.14E-04 | 2.85E-05 | 8.36E-05 | 7.49E-06 | 7.62E-06 | 7.76E-06 | 7.90E-06 |
| 168286.751456111390 | 168286.75 | 3908931.53 | FENCEGRD | 2.46E-04 | 2.56E-04 | 2.68E-04 | 2.79E-04 | 2.69E-05 | 7.57E-05 | 6.78E-06 | 6.90E-06 | 7.02E-06 | 7.14E-06 |
| 168290.850075975390 | 168290.85 | 3908955.50 | FENCEGRD | 2.21E-04 | 2.29E-04 | 2.38E-04 | 2.47E-04 | 2.50E-05 | 6.86E-05 | 6.11E-06 | 6.21E-06 | 6.32E-06 | 6.42E-06 |
| 168294.948695838390 | 168294.95 | 3908979.48 | FENCEGRD | 2.00E-04 | 2.07E-04 | 2.15E-04 | 2.23E-04 | 2.32E-05 | 6.26E-05 | 5.55E-06 | 5.63E-06 | 5.72E-06 | 5.80E-06 |
| 168299.047315702390 | 168299.05 | 3909003.45 | FENCEGRD | 1.79E-04 | 1.85E-04 | 1.92E-04 | 1.99E-04 | 2.11E-05 | 5.70E-05 | 5.04E-06 | 5.12E-06 | 5.19E-06 | 5.26E-06 |
| 168303.145935565390 | 168303.15 | 3909027.42 | FENCEGRD | 1.60E-04 | 1.66E-04 | 1.73E-04 | 1.79E-04 | 1.93E-05 | 5.23E-05 | 4.63E-06 | 4.70E-06 | 4.76E-06 | 4.83E-06 |
| 168307.244555429390 | 168307.24 | 3909051.40 | FENCEGRD | 1.42E-04 | 1.48E-04 | 1.54E-04 | 1.60E-04 | 1.76E-05 | 4.83E-05 | 4.27E-06 | 4.33E-06 | 4.39E-06 | 4.45E-06 |
| 168311.343175292390 | 168311.34 | 3909075.37 | FENCEGRD | 1.27E-04 | 1.31E-04 | 1.37E-04 | 1.42E-04 | 1.62E-05 | 4.48E-05 | 3.92E-06 | 3.98E-06 | 4.04E-06 | 4.09E-06 |
| 168315.441795156390 | 168315.44 | 3909099.35 | FENCEGRD | 1.14E-04 | 1.18E-04 | 1.22E-04 | 1.27E-04 | 1.49E-05 | 4.16E-05 | 3.57E-06 | 3.63E-06 | 3.68E-06 | 3.73E-06 |
| 167470.142625886390 | 167470.14 | 3908335.42 | FENCEGRD | 4.66E-05 | 4.57E-05 | 4.48E-05 | 4.42E-05 | 3.41E-06 | 1.34E-05 | 1.01E-06 | 9.95E-07 | 9.80E-07 | 9.67E-07 |
| 167449.244625886390 | 167449.24 | 3908348.50 | FENCEGRD | 4.56E-05 | 4.48E-05 | 4.40E-05 | 4.34E-05 | 3.33E-06 | 1.26E-05 | 9.52E-07 | 9.41E-07 | 9.27E-07 | 9.15E-07 |
| 167428.346625886390 | 167428.35 | 3908361.59 | FENCEGRD | 4.44E-05 | 4.37E-05 | 4.30E-05 | 4.25E-05 | 3.21E-06 | 1.18E-05 | 8.96E-07 | 8.86E-07 | 8.74E-07 | 8.64E-07 |
| 167407.448625886390 | 167407.45 | 3908374.67 | FENCEGRD | 4.36E-05 | 4.30E-05 | 4.24E-05 | 4.19E-05 | 3.09E-06 | 1.13E-05 | 8.49E-07 | 8.41E-07 | 8.31E-07 | 8.22E-07 |
| 167386.550625886390 | 167386.55 | 3908387.76 | FENCEGRD | 4.28E-05 | 4.23E-05 | 4.17E-05 | 4.13E-05 | 2.96E-06 | 1.08E-05 | 8.08E-07 | 8.01E-07 | 7.92E-07 | 7.84E-07 |
| 167365.652625886390 | 167365.65 | 3908400.84 | FENCEGRD | 4.11E-05 | 4.06E-05 | 4.01E-05 | 3.98E-05 | 2.79E-06 | 1.04E-05 | 7.62E-07 | 7.55E-07 | 7.46E-07 | 7.39E-07 |
| 167441.291036642390 | 167441.29 | 3908252.95 | FENCEGRD | 3.39E-05 | 3.33E-05 | 3.28E-05 | 3.24E-05 | 2.78E-06 | 1.12E-05 | 8.17E-07 | 8.07E-07 | 7.96E-07 | 7.86E-07 |
| 167465.505676416390 | 167465.51 | 3908255.24 | FENCEGRD | 3.80E-05 | 3.73E-05 | 3.67E-05 | 3.61E-05 | 2.99E-06 | 1.24E-05 | 9.03E-07 | 8.92E-07 | 8.79E-07 | 8.68E-07 |
| 167489.720316193908 | 167489.72 | 3908257.53 | FENCEGRD | 4.29E-05 | 4.21E-05 | 4.13E-05 | 4.07E-05 | 3.21E-06 | 1.37E-05 | 9.93E-07 | 9.82E-07 | 9.69E-07 | 9.57E-07 |
| 167513.934955965390 | 167513.93 | 3908259.82 | FENCEGRD | 4.85E-05 | 4.77E-05 | 4.69E-05 | 4.63E-05 | 3.45E-06 | 1.53E-05 | 1.09E-06 | 1.08E-06 | 1.06E-06 | 1.05E-06 |
| 167538.149595739390 | 167538.15 | 3908262.11 | FENCEGRD | 5.46E-05 | 5.39E-05 | 5.31E-05 | 5.24E-05 | 3.74E-06 | 1.70E-05 | 1.19E-06 | 1.18E-06 | 1.17E-06 | 1.16E-06 |
| 167562.364235513390 | 167562.36 | 3908264.39 | FENCEGRD | 6.07E-05 | 5.99E-05 | 5.91E-05 | 5.85E-05 | 4.07E-06 | 1.90E-05 | 1.30E-06 | 1.29E-06 | 1.28E-06 | 1.27E-06 |
| 167586.578875288390 | 167586.58 | 3908266.68 | FENCEGRD | 6.62E-05 | 6.54E-05 | 6.47E-05 | 6.41E-05 | 4.44E-06 | 2.11E-05 | 1.41E-06 | 1.40E-06 | 1.39E-06 | 1.38E-06 |
| 167610.793515062390 | 167610.79 | 3908268.97 | FENCEGRD | 7.16E-05 | 7.07E-05 | 6.99E-05 | 6.93E-05 | 4.84E-06 | 2.34E-05 | 1.53E-06 | 1.52E-06 | 1.51E-06 | 1.49E-06 |
| 167635.008154836390 | 167635.01 | 3908271.26 | FENCEGRD | 7.71E-05 | 7.60E-05 | 7.50E-05 | 7.44E-05 | 5.27E-06 | 2.58E-05 | 1.67E-06 | 1.65E-06 | 1.63E-06 | 1.62E-06 |
| 167659.222794611390 | 167659.22 | 3908273.55 | FENCEGRD | 8.24E-05 | 8.10E-05 | 7.99E-05 | 7.89E-05 | 5.69E-06 | 2.83E-05 | 1.80E-06 | 1.78E-06 | 1.76E-06 | 1.74E-06 |
| 167683.437434385390 | 167683.44 | 3908275.84 | FENCEGRD | 8.89E-05 | 8.72E-05 | 8.57E-05 | 8.45E-05 | 6.18E-06 | 3.11E-05 | 1.97E-06 | 1.95E-06 | 1.92E-06 | 1.90E-06 |
| 167707.652074159390 | 167707.65 | 3908278.13 | FENCEGRD | 9.67E-05 | 9.47E-05 | 9.27E-05 | 9.11E-05 | 6.72E-06 | 3.45E-05 | 2.16E-06 | 2.13E-06 | 2.10E-06 | 2.08E-06 |
| 167731.866713934390 | 167731.87 | 3908280.41 | FENCEGRD | 1.06E-04 | 1.03E-04 | 1.01E-04 | 9.89E-05 | 7.31E-06 | 3.83E-05 | 2.38E-06 | 2.35E-06 | 2.31E-06 | 2.28E-06 |
| 167756.081353708390 | 167756.08 | 3908282.70 | FENCEGRD | 1.15E-04 | 1.13E-04 | 1.10E-04 | 1.08E-04 | 7.95E-06 | 4.27E-05 | 2.62E-06 | 2.58E-06 | 2.55E-06 | 2.51E-06 |
| 167780.295993482390 | 167780.30 | 3908284.99 | FENCEGRD | 1.27E-04 | 1.24E-04 | 1.21E-04 | 1.19E-04 | 8.68E-06 | 4.80E-05 | 2.89E-06 | 2.86E-06 | 2.82E-06 | 2.78E-06 |
| 167804.510633257390 | 167804.51 | 3908287.28 | FENCEGRD | 1.39E-04 | 1.36E-04 | 1.32E-04 | 1.30E-04 | 9.45E-06 | 5.40E-05 | 3.19E-06 | 3.15E-06 | 3.11E-06 | 3.07E-06 |
| 167828.725273031390 | 167828.73 | 3908289.57 | FENCEGRD | 1.50E-04 | 1.47E-04 | 1.44E-04 | 1.41E-04 | 1.02E-05 | 6.03E-05 | 3.48E-06 | 3.44E-06 | 3.39E-06 | 3.35E-06 |
| 167852.939912805390 | 167852.94 | 3908291.86 | FENCEGRD | 1.62E-04 | 1.58E-04 | 1.55E-04 | 1.52E-04 | 1.09E-05 | 6.68E-05 | 3.76E-06 | 3.72E-06 | 3.67E-06 | 3.63E-06 |
| 167877.154552583908 | 167877.15 | 3908294.15 | FENCEGRD | 1.73E-04 | 1.70E-04 | 1.66E-04 | 1.63E-04 | 1.16E-05 | 7.38E-05 | 4.05E-06 | 4.01E-06 | 3.96E-06 | 3.91E-06 |
| 167901.369192354390 | 167901.37 | 3908296.44 | FENCEGRD | 1.85E-04 | 1.81E-04 | 1.77E-04 | 1.74E-04 | 1.23E-05 | 8.12E-05 | 4.34E-06 | 4.30E-06 | 4.25E-06 | 4.20E-06 |
| 167925.583832128390 | 167925.58 | 3908298.72 | FENCEGRD | 1.97E-04 | 1.93E-04 | 1.89E-04 | 1.86E-04 | 1.31E-05 | 8.89E-05 | 4.64E-06 | 4.60E-06 | 4.55E-06 | 4.51E-06 |
| 167949.798471903390 | 167949.80 | 3908301.01 | FENCEGRD | 2.11E-04 | 2.08E-04 | 2.04E-04 | 2.00E-04 | 1.38E-05 | 1.00E-04 | 5.11E-06 | 5.07E-06 | 5.03E-06 | 4.97E-06 |
| 167974.013111677390 | 167974.01 | 3908303.30 | FENCEGRD | 2.21E-04 | 2.16E-04 | 2.10E-04 | 2.05E-04 | 1.39E-05 | 1.09E-04 | 5.28E-06 | 5.20E-06 | 5.13E-06 | 5.06E-06 |
| 167998.227751451390 | 167998.23 | 3908305.59 | FENCEGRD | 2.25E-04 | 2.20E-04 | 2.14E-04 | 2.09E-04 | 1.41E-05 | 1.12E-04 | 5.36E-06 | 5.29E-06 | 5.22E-06 | 5.15E-06 |
| 168022.442391225390 | 168022.44 | 3908307.88 | FENCEGRD | 2.30E-04 | 2.25E-04 | 2.20E-04 | 2.15E-04 | 1.44E-05 | 1.16E-04 | 5.48E-06 | 5.42E-06 | 5.35E-06 | 5.29E-06 |
| 168046.657031390833 | 168046.66 | 3908310.17 | FENCEGRD | 2.36E-04 | 2.31E-04 | 2.26E-04 | 2.22E-04 | 1.48E-05 | 1.21E-04 | 5.67E-06 | 5.60E-06 | 5.54E-06 | 5.48E-06 |
| 168070.871670774390 | 168070.87 | 3908312.46 | FENCEGRD | 2.42E-04 | 2.38E-04 | 2.33E- | | | | | | | |

Project Ground Level Concentrations-16<30

| | | | | 16<30 GLC (µg/m³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168330.166706784390 | 168330.17 | 3908714.36 | FENCEGRD | 4.00E-04 | 4.09E-04 | 4.19E-04 | 4.28E-04 | 3.05E-05 | 1.40E-04 | 1.00E-05 | 1.01E-05 | 1.02E-05 | 1.03E-05 |
| 168334.265326647390 | 168334.27 | 3908738.34 | FENCEGRD | 3.79E-04 | 3.88E-04 | 3.99E-04 | 4.08E-04 | 2.98E-05 | 1.29E-04 | 9.58E-06 | 9.68E-06 | 9.78E-06 | 9.87E-06 |
| 168338.363946511390 | 168338.36 | 3908762.31 | FENCEGRD | 3.45E-04 | 3.55E-04 | 3.66E-04 | 3.76E-04 | 2.85E-05 | 1.17E-04 | 9.00E-06 | 9.10E-06 | 9.21E-06 | 9.30E-06 |
| 168342.462566374390 | 168342.46 | 3908786.29 | FENCEGRD | 3.12E-04 | 3.23E-04 | 3.35E-04 | 3.45E-04 | 2.75E-05 | 1.07E-04 | 8.48E-06 | 8.59E-06 | 8.70E-06 | 8.80E-06 |
| 168346.561186237390 | 168346.56 | 3908810.26 | FENCEGRD | 2.88E-04 | 2.98E-04 | 3.11E-04 | 3.22E-04 | 2.69E-05 | 9.78E-05 | 8.02E-06 | 8.13E-06 | 8.25E-06 | 8.36E-06 |
| 168350.659806101390 | 168350.66 | 3908834.24 | FENCEGRD | 2.65E-04 | 2.75E-04 | 2.87E-04 | 2.98E-04 | 2.62E-05 | 8.98E-05 | 7.52E-06 | 7.63E-06 | 7.75E-06 | 7.87E-06 |
| 168354.758425964390 | 168354.76 | 3908858.21 | FENCEGRD | 2.42E-04 | 2.52E-04 | 2.63E-04 | 2.74E-04 | 2.54E-05 | 8.23E-05 | 6.99E-06 | 7.10E-06 | 7.22E-06 | 7.33E-06 |
| 168358.857045828390 | 168358.86 | 3908882.19 | FENCEGRD | 2.22E-04 | 2.30E-04 | 2.41E-04 | 2.50E-04 | 2.44E-05 | 7.54E-05 | 6.45E-06 | 6.55E-06 | 6.66E-06 | 6.77E-06 |
| 168362.955665691390 | 168362.96 | 3908906.16 | FENCEGRD | 2.05E-04 | 2.13E-04 | 2.22E-04 | 2.30E-04 | 2.33E-05 | 6.94E-05 | 5.94E-06 | 6.04E-06 | 6.14E-06 | 6.24E-06 |
| 168367.054285555390 | 168367.05 | 3908930.14 | FENCEGRD | 1.89E-04 | 1.95E-04 | 2.03E-04 | 2.10E-04 | 2.19E-05 | 6.36E-05 | 5.44E-06 | 5.53E-06 | 5.62E-06 | 5.70E-06 |
| 168371.152905418390 | 168371.15 | 3908954.11 | FENCEGRD | 1.72E-04 | 1.77E-04 | 1.84E-04 | 1.90E-04 | 2.03E-05 | 5.81E-05 | 4.97E-06 | 5.04E-06 | 5.11E-06 | 5.18E-06 |
| 168375.251525281390 | 168375.25 | 3908978.08 | FENCEGRD | 1.54E-04 | 1.59E-04 | 1.65E-04 | 1.70E-04 | 1.86E-05 | 5.30E-05 | 4.53E-06 | 4.59E-06 | 4.65E-06 | 4.71E-06 |
| 168379.350145145390 | 168379.35 | 3909002.06 | FENCEGRD | 1.38E-04 | 1.43E-04 | 1.48E-04 | 1.53E-04 | 1.69E-05 | 4.86E-05 | 4.17E-06 | 4.23E-06 | 4.28E-06 | 4.33E-06 |
| 168383.448765008390 | 168383.45 | 3909026.03 | FENCEGRD | 1.23E-04 | 1.27E-04 | 1.32E-04 | 1.37E-04 | 1.55E-05 | 4.48E-05 | 3.86E-06 | 3.91E-06 | 3.96E-06 | 4.01E-06 |
| 168387.547384872390 | 168387.55 | 3909050.01 | FENCEGRD | 1.08E-04 | 1.12E-04 | 1.17E-04 | 1.21E-04 | 1.42E-05 | 4.13E-05 | 3.57E-06 | 3.62E-06 | 3.67E-06 | 3.72E-06 |
| 168391.646004735390 | 168391.65 | 3909073.98 | FENCEGRD | 9.65E-05 | 1.00E-04 | 1.04E-04 | 1.08E-04 | 1.31E-05 | 3.83E-05 | 3.28E-06 | 3.33E-06 | 3.38E-06 | 3.42E-06 |
| 168395.744624599390 | 168395.74 | 3909097.96 | FENCEGRD | 8.73E-05 | 9.02E-05 | 9.38E-05 | 9.71E-05 | 1.22E-05 | 3.57E-05 | 3.00E-06 | 3.05E-06 | 3.09E-06 | 3.13E-06 |
| 168399.843244462390 | 168399.84 | 3909121.93 | FENCEGRD | 7.95E-05 | 8.21E-05 | 8.51E-05 | 8.79E-05 | 1.14E-05 | 3.33E-05 | 2.73E-06 | 2.77E-06 | 2.81E-06 | 2.85E-06 |
| 168403.941864325390 | 168403.94 | 3909145.91 | FENCEGRD | 7.22E-05 | 7.44E-05 | 7.71E-05 | 7.96E-05 | 1.07E-05 | 3.11E-05 | 2.49E-06 | 2.52E-06 | 2.55E-06 | 2.59E-06 |
| 167417.076396867390 | 167417.08 | 3908250.66 | FENCEGRD | 3.05E-05 | 3.01E-05 | 2.97E-05 | 2.94E-05 | 2.57E-06 | 1.02E-05 | 7.41E-07 | 7.32E-07 | 7.23E-07 | 7.15E-07 |
| 167396.178396867390 | 167396.18 | 3908263.75 | FENCEGRD | 2.89E-05 | 2.86E-05 | 2.83E-05 | 2.81E-05 | 2.43E-06 | 9.53E-06 | 6.93E-07 | 6.86E-07 | 6.78E-07 | 6.71E-07 |
| 167375.280396867390 | 167375.28 | 3908276.83 | FENCEGRD | 2.79E-05 | 2.76E-05 | 2.73E-05 | 2.70E-05 | 2.29E-06 | 8.98E-06 | 6.55E-07 | 6.48E-07 | 6.41E-07 | 6.35E-07 |
| 167354.382396867390 | 167354.38 | 3908289.91 | FENCEGRD | 2.69E-05 | 2.66E-05 | 2.62E-05 | 2.60E-05 | 2.17E-06 | 8.53E-06 | 6.22E-07 | 6.16E-07 | 6.09E-07 | 6.03E-07 |
| 167333.484396867390 | 167333.48 | 3908303.00 | FENCEGRD | 2.55E-05 | 2.51E-05 | 2.47E-05 | 2.44E-05 | 2.04E-06 | 8.12E-06 | 5.88E-07 | 5.82E-07 | 5.75E-07 | 5.69E-07 |
| 167312.586396867390 | 167312.59 | 3908316.08 | FENCEGRD | 2.39E-05 | 2.35E-05 | 2.32E-05 | 2.29E-05 | 1.93E-06 | 7.77E-06 | 5.52E-07 | 5.46E-07 | 5.39E-07 | 5.33E-07 |
| 167640.127983382390 | 167640.13 | 3908885.50 | FENCEGRD | 3.96E-04 | 3.58E-04 | 3.20E-04 | 2.94E-04 | 1.62E-05 | 1.22E-04 | 5.23E-06 | 4.98E-06 | 4.73E-06 | 4.52E-06 |
| 167628.894347019390 | 167628.89 | 3908906.15 | FENCEGRD | 3.69E-04 | 3.32E-04 | 2.96E-04 | 2.71E-04 | 1.59E-05 | 1.44E-04 | 4.95E-06 | 4.70E-06 | 4.46E-06 | 4.26E-06 |
| 167617.660710655390 | 167617.66 | 3908926.80 | FENCEGRD | 3.33E-04 | 2.97E-04 | 2.63E-04 | 2.39E-04 | 1.55E-05 | 1.68E-04 | 4.64E-06 | 4.40E-06 | 4.18E-06 | 3.98E-06 |
| 167618.166975073390 | 167618.17 | 3908873.55 | FENCEGRD | 2.92E-04 | 2.68E-04 | 2.44E-04 | 2.27E-04 | 1.32E-05 | 8.60E-05 | 3.95E-06 | 3.78E-06 | 3.63E-06 | 3.49E-06 |
| 167606.933338713908 | 167606.93 | 3908894.20 | FENCEGRD | 2.69E-04 | 2.46E-04 | 2.23E-04 | 2.07E-04 | 1.28E-05 | 1.02E-04 | 3.70E-06 | 3.54E-06 | 3.39E-06 | 3.26E-06 |
| 167595.699702346390 | 167595.70 | 3908914.85 | FENCEGRD | 2.37E-04 | 2.16E-04 | 1.96E-04 | 1.81E-04 | 1.23E-05 | 1.21E-04 | 3.43E-06 | 3.29E-06 | 3.14E-06 | 3.02E-06 |
| 167584.466065983390 | 167584.47 | 3908935.50 | FENCEGRD | 1.98E-04 | 1.80E-04 | 1.63E-04 | 1.51E-04 | 1.18E-05 | 1.40E-04 | 3.14E-06 | 3.00E-06 | 2.86E-06 | 2.74E-06 |
| 167573.232429619390 | 167573.23 | 3908956.15 | FENCEGRD | 1.56E-04 | 1.43E-04 | 1.31E-04 | 1.23E-04 | 1.12E-05 | 1.58E-04 | 2.81E-06 | 2.68E-06 | 2.55E-06 | 2.44E-06 |
| 167607.798568173908 | 167607.80 | 3908849.28 | FENCEGRD | 2.46E-04 | 2.28E-04 | 2.10E-04 | 1.96E-04 | 1.14E-05 | 6.02E-05 | 3.36E-06 | 3.24E-06 | 3.12E-06 | 3.02E-06 |
| 167584.972330401390 | 167584.97 | 3908882.26 | FENCEGRD | 2.06E-04 | 1.91E-04 | 1.75E-04 | 1.63E-04 | 1.04E-05 | 7.68E-05 | 2.89E-06 | 2.79E-06 | 2.68E-06 | 2.58E-06 |
| 167573.738694037390 | 167573.74 | 3908902.91 | FENCEGRD | 1.80E-04 | 1.67E-04 | 1.54E-04 | 1.44E-04 | 9.98E-06 | 9.21E-05 | 2.66E-06 | 2.56E-06 | 2.46E-06 | 2.36E-06 |
| 167562.505057674390 | 167562.51 | 3908923.56 | FENCEGRD | 1.51E-04 | 1.41E-04 | 1.31E-04 | 1.24E-04 | 9.54E-06 | 1.09E-04 | 2.40E-06 | 2.31E-06 | 2.21E-06 | 2.12E-06 |
| 167551.271421313908 | 167551.27 | 3908944.21 | FENCEGRD | 1.22E-04 | 1.16E-04 | 1.09E-04 | 1.05E-04 | 9.07E-06 | 1.26E-04 | 2.12E-06 | 2.03E-06 | 1.95E-06 | 1.87E-06 |
| 167540.037784946390 | 167540.04 | 3908964.86 | FENCEGRD | 9.97E-05 | 9.64E-05 | 9.31E-05 | 9.11E-05 | 8.55E-06 | 1.42E-04 | 1.82E-06 | 1.75E-06 | 1.67E-06 | 1.61E-06 |
| 167528.804148583390 | 167528.80 | 3908985.51 | FENCEGRD | 8.54E-05 | 8.47E-05 | 8.42E-05 | 8.40E-05 | 8.00E-06 | 1.57E-04 | 1.53E-06 | 1.48E-06 | 1.43E-06 | 1.38E-06 |
| 167517.570512219390 | 167517.57 | 3909006.16 | FENCEGRD | 8.05E-05 | 8.15E-05 | 8.27E-05 | 8.37E-05 | 7.37E-06 | 1.71E-04 | 1.31E-06 | 1.28E-06 | 1.25E-06 | 1.22E-06 |
| 167506.336875855390 | 167506.34 | 3909026.81 | FENCEGRD | 8.15E-05 | 8.36E-05 | 8.55E-05 | 8.69E-05 | 6.66E-06 | 1.83E-04 | 1.20E-06 | 1.18E-06 | 1.16E-06 | 1.15E-06 |
| 167495.103239492390 | 167495.10 | 3909047.46 | FENCEGRD | 8.61E-05 | 8.86E-05 | 9.12E-05 | 9.29E-05 | 5.89E-06 | 1.93E-04 | 1.21E-06 | 1.19E-06 | 1.18E-06 | 1.16E-06 |
| 167565.325626728390 | 167565.33 | 3908823.85 | FENCEGRD | 1.61E-04 | 1.51E-04 | 1.41E-04 | 1.33E-04 | 8.12E-06 | 3.82E-05 | 2.28E-06 | 2.21E-06 | 2.14E-06 | 2.07E-06 |
| 167541.050313783390 | 167541.05 | 3908858.36 | FENCEGRD | 1.32E-04 | 1.25E-04 | 1.17E-04 | 1.11E-04 | 7.36E-06 | 4.83E-05 | 1.88E-06 | 1.82E-06 | 1.76E-06 | 1.70E-06 |
| 167529.816677423908 | 167529.82 | 3908879.01 | FENCEGRD | 1.19E-04 | 1.13E-04 | 1.07E-04 | 1.02E-04 | 7.05E-06 | 5.81E-05 | 1.69E-06 | 1.63E-06 | 1.58E-06 | 1.53E-06 |
| 167518.583041056390 | 167518.58 | 3908899.66 | FENCEGRD | 1.06E-04 | 1.02E-04 | 9.70E-05 | 9.36E-05 | 6.70E-06 | 6.99E-05 | 1.49E-06 | 1.44E-06 | 1.40E-06 | 1.35E-06 |
| 167507.349404692390 | 167507.35 | 3908920.32 | FENCEGRD | 9.48E-05 | 9.22E-05 | 8.93E-05 | 8.73E-05 | 6.30E-06 | 8.31E-05 | 1.30E-06 | 1.26E-06 | 1.22E-06 | 1.19E-06 |
| 167496.115768329390 | 167496.12 | 3908940.97 | FENCEGRD | 8.73E-05 | 8.65E-05 | 8.55E-05 | 8.47E-05 | 5.85E-06 | 9.69E-05 | 1.13E-06 | 1.11E-06 | 1.08E-06 | 1.06E-06 |
| 167484.882131965390 | 167484.88 | 3908961.62 | FENCEGRD | 8.52E-05 | 8.56E-05 | 8.61E-05 | 8.62E-05 | 5.35E-06 | 1.11E-04 | 1.01E-06 | 9.98E-07 | 9.80E-07 | 9.65E-07 |
| 167473.648495601390 | 167473.65 | 3908982.27 | FENCEGRD | 8.73E-05 | 8.83E-05 | 8.93E-05 | 8.99E-05 | 4.83E-06 | 1.25E-04 | 9.59E-07 | 9.50E-07 | 9.39E-07 | 9.31E-07 |
| 167462.414859238390 | 167462.41 | 3909002.92 | FENCEGRD | 9.14E-05 | 9.24E-05 | 9.36E-05 | 9.43E-05 | 4.31E-06 | 1.39E-04 | 9.73E-07 | 9.65E-07 | 9.58E-07 | 9.51E-07 |
| 167451.181222874390 | 167451.18 | 3909023.57 | FENCEGRD | 9.82E-05 | 9.93E-05 | 1.01E-04 | 1.02E-04 | 3.81E-06 | 1.53E-04 | 1.05E-06 | 1.04E-06 | 1.03E-06 | 1.02E-06 |
| 167439.947586511390 | 167439.95 | 3909044.22 | FENCEGRD | 1.13E-04 | 1.14E-04 | 1.16E-04 | 1.17E-04 | 3.38E-06 | 1.65E-04 | 1.21E-06 | 1.20E-06 | 1.18E-06 | 1.17E-06 |
| 167522.273055216390 | 167522.27 | 3908799.03 | FENCEGRD | 1.13E-04 | 1.08E-04 | 1.02E-04 | 9.75E-05 | 6.18E-06 | 2.77E-05 | 1.60E-06 | 1.55E-06 | 1.51E-06 | 1.47E-06 |
| 167550.095298589390 | 167550.10 | 3908769.45 | FENCEGRD | 1.36E-04 | 1.28E-04 | 1.21E-04 | 1.15E-04 | 6.90E-06 | 2.67E-05 | 1.96E-06 | 1.91E-06 | 1.85E-06 | 1.80E-06 |
| 167497.128297166390 | 167497.13 | 3908834.47 | FENCEGRD | 9.58E-05 | 9.19E-05 | 8.77E-05 | 8.45E-05 | 5.52E-06 | 3.40E-05 | 1.28E-06 | 1.25E-06 | 1.21E-06 | 1.18E-06 |
| 167485.894660802390 | 167485.89 | 3908855.12 | FENCEGRD | 8.91E-05 | 8.59E-05 | 8.24E-05 | 7.98E-05 | 5.20E-06 | 4.05E-05 | 1.15E-06 | 1.12E-06 | 1.09E-06 | 1.06E-06 |
| 167474.661024438390 | 167474.66 | 3908875.77 | FENCEGRD | 8.39E-05 | 8.14E-05 | 7.88E-05 | 7.69E-05 | 4.86E-06 | 4.88E-05 | 1.02E-06 | 1.00E-06 | 9.77E-07 | 9.56E-07 |
| 167463.427388075390 | 167463.43 | 3908896.42 | FENCEGRD | 8.13E-05 | 7.96E-05 | 7.79E-05 | 7.66E-05 | 4.49E-06 | 5.87E-05 | 9.18E-07 | 9.02E-07 | 8.85E-07 | 8.70E-07 |
| 167452.193751711390 | 167452.19 | 3908917.07 | FENCEGRD | 8.21E-05 | 8.11E-05 | 7.99E-05 | 7.90E-05 | 4.11E-06 | 6.95E-05 | 8.46E-07 | 8.36E-07 | 8.25E-07 | 8.16E-07 |
| 167440.960115347390 | 167440.96 | 3908937.73 | FENCEGRD | 8.55E-05 | 8.49E-05 | 8.41E- | | | | | | | |

Project Ground Level Concentrations-16<30

| | | | | 16<30 GLC (µg/m³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167398.050627566390 | 167398.05 | 3908807.34 | FENCEGRD | 6.29E-05 | 6.17E-05 | 6.05E-05 | 5.94E-05 | 2.99E-06 | 2.49E-05 | 6.84E-07 | 6.77E-07 | 6.69E-07 | 6.61E-07 |
| 167386.816991203390 | 167386.82 | 3908827.99 | FENCEGRD | 6.42E-05 | 6.32E-05 | 6.22E-05 | 6.13E-05 | 2.78E-06 | 2.90E-05 | 6.56E-07 | 6.51E-07 | 6.46E-07 | 6.41E-07 |
| 167375.583354839390 | 167375.58 | 3908848.64 | FENCEGRD | 6.68E-05 | 6.59E-05 | 6.49E-05 | 6.41E-05 | 2.58E-06 | 3.42E-05 | 6.51E-07 | 6.48E-07 | 6.45E-07 | 6.42E-07 |
| 167364.349718476390 | 167364.35 | 3908869.29 | FENCEGRD | 7.04E-05 | 6.94E-05 | 6.84E-05 | 6.75E-05 | 2.39E-06 | 4.06E-05 | 6.71E-07 | 6.68E-07 | 6.66E-07 | 6.64E-07 |
| 167353.116082112390 | 167353.12 | 3908889.94 | FENCEGRD | 7.41E-05 | 7.30E-05 | 7.19E-05 | 7.08E-05 | 2.22E-06 | 4.78E-05 | 7.09E-07 | 7.06E-07 | 7.04E-07 | 7.02E-07 |
| 167341.882445748390 | 167341.88 | 3908910.59 | FENCEGRD | 7.73E-05 | 7.61E-05 | 7.48E-05 | 7.36E-05 | 2.09E-06 | 5.57E-05 | 7.58E-07 | 7.54E-07 | 7.51E-07 | 7.49E-07 |
| 167330.648809385390 | 167330.65 | 3908931.24 | FENCEGRD | 8.07E-05 | 7.94E-05 | 7.80E-05 | 7.67E-05 | 2.01E-06 | 6.40E-05 | 8.11E-07 | 8.06E-07 | 8.02E-07 | 7.99E-07 |
| 167319.415173021390 | 167319.42 | 3908951.89 | FENCEGRD | 8.62E-05 | 8.47E-05 | 8.31E-05 | 8.17E-05 | 1.99E-06 | 7.27E-05 | 8.71E-07 | 8.65E-07 | 8.60E-07 | 8.56E-07 |
| 167308.181536657390 | 167308.18 | 3908972.54 | FENCEGRD | 9.52E-05 | 9.33E-05 | 9.15E-05 | 8.98E-05 | 2.04E-06 | 8.17E-05 | 9.53E-07 | 9.45E-07 | 9.39E-07 | 9.33E-07 |
| 167296.947900294390 | 167296.95 | 3908993.19 | FENCEGRD | 1.08E-04 | 1.05E-04 | 1.03E-04 | 1.01E-04 | 2.13E-06 | 9.09E-05 | 1.08E-06 | 1.07E-06 | 1.06E-06 | 1.05E-06 |
| 167348.130668932390 | 167348.13 | 3908701.82 | FENCEGRD | 5.08E-05 | 4.97E-05 | 4.85E-05 | 4.75E-05 | 2.43E-06 | 1.45E-05 | 5.97E-07 | 5.90E-07 | 5.83E-07 | 5.76E-07 |
| 167379.044272683908 | 167379.04 | 3908668.95 | FENCEGRD | 5.45E-05 | 5.29E-05 | 5.13E-05 | 5.00E-05 | 2.82E-06 | 1.33E-05 | 7.02E-07 | 6.91E-07 | 6.79E-07 | 6.69E-07 |
| 167394.501074554390 | 167394.50 | 3908652.52 | FENCEGRD | 5.71E-05 | 5.54E-05 | 5.35E-05 | 5.20E-05 | 3.02E-06 | 1.30E-05 | 7.66E-07 | 7.53E-07 | 7.39E-07 | 7.27E-07 |
| 167409.957876428390 | 167409.96 | 3908636.09 | FENCEGRD | 6.03E-05 | 5.84E-05 | 5.63E-05 | 5.47E-05 | 3.26E-06 | 1.31E-05 | 8.39E-07 | 8.24E-07 | 8.09E-07 | 7.94E-07 |
| 167440.871480176390 | 167440.87 | 3908603.22 | FENCEGRD | 6.84E-05 | 6.60E-05 | 6.34E-05 | 6.14E-05 | 3.79E-06 | 1.41E-05 | 1.01E-06 | 9.92E-07 | 9.72E-07 | 9.54E-07 |
| 167456.328282053908 | 167456.33 | 3908586.79 | FENCEGRD | 7.30E-05 | 7.04E-05 | 6.75E-05 | 6.52E-05 | 4.07E-06 | 1.50E-05 | 1.11E-06 | 1.09E-06 | 1.07E-06 | 1.05E-06 |
| 167332.673867058390 | 167332.67 | 3908718.25 | FENCEGRD | 5.02E-05 | 4.92E-05 | 4.83E-05 | 4.74E-05 | 2.25E-06 | 1.54E-05 | 5.63E-07 | 5.58E-07 | 5.53E-07 | 5.48E-07 |
| 167321.440230695390 | 167321.44 | 3908738.90 | FENCEGRD | 5.09E-05 | 5.01E-05 | 4.93E-05 | 4.85E-05 | 2.10E-06 | 1.69E-05 | 5.49E-07 | 5.45E-07 | 5.42E-07 | 5.39E-07 |
| 167310.206594331390 | 167310.21 | 3908759.55 | FENCEGRD | 5.24E-05 | 5.16E-05 | 5.08E-05 | 5.01E-05 | 1.97E-06 | 1.88E-05 | 5.49E-07 | 5.46E-07 | 5.44E-07 | 5.42E-07 |
| 167298.972957967390 | 167298.97 | 3908780.20 | FENCEGRD | 5.44E-05 | 5.36E-05 | 5.28E-05 | 5.21E-05 | 1.85E-06 | 2.11E-05 | 5.63E-07 | 5.61E-07 | 5.59E-07 | 5.58E-07 |
| 167287.739321604390 | 167287.74 | 3908800.85 | FENCEGRD | 5.67E-05 | 5.59E-05 | 5.51E-05 | 5.43E-05 | 1.75E-06 | 2.39E-05 | 5.88E-07 | 5.86E-07 | 5.85E-07 | 5.83E-07 |
| 167276.505685243908 | 167276.51 | 3908821.50 | FENCEGRD | 5.91E-05 | 5.83E-05 | 5.73E-05 | 5.65E-05 | 1.69E-06 | 2.73E-05 | 6.22E-07 | 6.20E-07 | 6.18E-07 | 6.16E-07 |
| 167265.272048877390 | 167265.27 | 3908842.15 | FENCEGRD | 6.13E-05 | 6.03E-05 | 5.93E-05 | 5.84E-05 | 1.66E-06 | 3.14E-05 | 6.60E-07 | 6.57E-07 | 6.55E-07 | 6.53E-07 |
| 167254.038412513390 | 167254.04 | 3908862.81 | FENCEGRD | 6.32E-05 | 6.22E-05 | 6.10E-05 | 6.01E-05 | 1.66E-06 | 3.61E-05 | 6.98E-07 | 6.94E-07 | 6.91E-07 | 6.88E-07 |
| 167242.804776149390 | 167242.80 | 3908883.46 | FENCEGRD | 6.56E-05 | 6.45E-05 | 6.33E-05 | 6.23E-05 | 1.70E-06 | 4.14E-05 | 7.34E-07 | 7.30E-07 | 7.27E-07 | 7.23E-07 |
| 167231.571139786390 | 167231.57 | 3908904.11 | FENCEGRD | 6.94E-05 | 6.82E-05 | 6.69E-05 | 6.58E-05 | 1.77E-06 | 4.73E-05 | 7.75E-07 | 7.70E-07 | 7.66E-07 | 7.62E-07 |
| 167220.337503422390 | 167220.34 | 3908924.76 | FENCEGRD | 7.51E-05 | 7.37E-05 | 7.22E-05 | 7.09E-05 | 1.87E-06 | 5.36E-05 | 8.29E-07 | 8.23E-07 | 8.18E-07 | 8.13E-07 |
| 167209.103867058390 | 167209.10 | 3908945.41 | FENCEGRD | 8.25E-05 | 8.08E-05 | 7.91E-05 | 7.76E-05 | 1.98E-06 | 6.01E-05 | 9.09E-07 | 9.01E-07 | 8.94E-07 | 8.88E-07 |
| 167260.637926649390 | 167260.64 | 3908653.66 | FENCEGRD | 4.35E-05 | 4.28E-05 | 4.20E-05 | 4.13E-05 | 1.76E-06 | 1.27E-05 | 4.95E-07 | 4.91E-07 | 4.88E-07 | 4.85E-07 |
| 167276.446019474390 | 167276.45 | 3908636.85 | FENCEGRD | 4.38E-05 | 4.30E-05 | 4.20E-05 | 4.13E-05 | 1.91E-06 | 1.22E-05 | 5.11E-07 | 5.07E-07 | 5.02E-07 | 4.98E-07 |
| 167292.254112339088 | 167292.25 | 3908620.05 | FENCEGRD | 4.47E-05 | 4.37E-05 | 4.26E-05 | 4.17E-05 | 2.07E-06 | 1.19E-05 | 5.41E-07 | 5.35E-07 | 5.29E-07 | 5.23E-07 |
| 167308.062205126390 | 167308.06 | 3908603.24 | FENCEGRD | 4.63E-05 | 4.52E-05 | 4.39E-05 | 4.28E-05 | 2.24E-06 | 1.18E-05 | 5.82E-07 | 5.74E-07 | 5.67E-07 | 5.59E-07 |
| 167323.870297951390 | 167323.87 | 3908586.43 | FENCEGRD | 4.84E-05 | 4.71E-05 | 4.56E-05 | 4.44E-05 | 2.42E-06 | 1.18E-05 | 6.32E-07 | 6.22E-07 | 6.13E-07 | 6.04E-07 |
| 167339.678390777390 | 167339.68 | 3908569.63 | FENCEGRD | 5.07E-05 | 4.92E-05 | 4.76E-05 | 4.62E-05 | 2.59E-06 | 1.19E-05 | 6.88E-07 | 6.76E-07 | 6.65E-07 | 6.54E-07 |
| 167355.486483603390 | 167355.49 | 3908552.82 | FENCEGRD | 5.31E-05 | 5.15E-05 | 4.97E-05 | 4.82E-05 | 2.77E-06 | 1.21E-05 | 7.47E-07 | 7.34E-07 | 7.21E-07 | 7.09E-07 |
| 167371.294576428390 | 167371.29 | 3908536.02 | FENCEGRD | 5.59E-05 | 5.42E-05 | 5.22E-05 | 5.06E-05 | 2.97E-06 | 1.25E-05 | 8.15E-07 | 8.00E-07 | 7.86E-07 | 7.72E-07 |
| 167387.102669254390 | 167387.10 | 3908519.21 | FENCEGRD | 5.90E-05 | 5.71E-05 | 5.50E-05 | 5.33E-05 | 3.20E-06 | 1.30E-05 | 8.87E-07 | 8.71E-07 | 8.55E-07 | 8.40E-07 |
| 167402.910762083908 | 167402.91 | 3908502.40 | FENCEGRD | 6.21E-05 | 6.01E-05 | 5.79E-05 | 5.61E-05 | 3.43E-06 | 1.37E-05 | 9.62E-07 | 9.45E-07 | 9.27E-07 | 9.10E-07 |
| 167244.829833823390 | 167244.83 | 3908670.46 | FENCEGRD | 4.38E-05 | 4.31E-05 | 4.23E-05 | 4.17E-05 | 1.63E-06 | 1.34E-05 | 4.90E-07 | 4.88E-07 | 4.86E-07 | 4.83E-07 |
| 167233.596197459390 | 167233.60 | 3908691.11 | FENCEGRD | 4.46E-05 | 4.40E-05 | 4.32E-05 | 4.26E-05 | 1.55E-06 | 1.44E-05 | 4.98E-07 | 4.96E-07 | 4.94E-07 | 4.93E-07 |
| 167222.362561096390 | 167222.36 | 3908711.77 | FENCEGRD | 4.58E-05 | 4.51E-05 | 4.44E-05 | 4.38E-05 | 1.48E-06 | 1.56E-05 | 5.14E-07 | 5.11E-07 | 5.10E-07 | 5.08E-07 |
| 167211.128924732390 | 167211.13 | 3908732.42 | FENCEGRD | 4.72E-05 | 4.65E-05 | 4.58E-05 | 4.52E-05 | 1.44E-06 | 1.71E-05 | 5.35E-07 | 5.32E-07 | 5.31E-07 | 5.29E-07 |
| 167199.895288368390 | 167199.90 | 3908753.07 | FENCEGRD | 4.87E-05 | 4.80E-05 | 4.72E-05 | 4.66E-05 | 1.42E-06 | 1.88E-05 | 5.60E-07 | 5.57E-07 | 5.56E-07 | 5.54E-07 |
| 167188.661652005390 | 167188.66 | 3908773.72 | FENCEGRD | 5.00E-05 | 4.92E-05 | 4.84E-05 | 4.77E-05 | 1.43E-06 | 2.09E-05 | 5.87E-07 | 5.84E-07 | 5.82E-07 | 5.80E-07 |
| 167177.428015641390 | 167177.43 | 3908794.37 | FENCEGRD | 5.10E-05 | 5.02E-05 | 4.93E-05 | 4.86E-05 | 1.46E-06 | 2.32E-05 | 6.13E-07 | 6.10E-07 | 6.07E-07 | 6.05E-07 |
| 167166.194379277390 | 167166.19 | 3908815.02 | FENCEGRD | 5.20E-05 | 5.11E-05 | 5.02E-05 | 4.95E-05 | 1.51E-06 | 2.59E-05 | 6.36E-07 | 6.33E-07 | 6.30E-07 | 6.27E-07 |
| 167154.960742914390 | 167154.96 | 3908835.67 | FENCEGRD | 5.35E-05 | 5.26E-05 | 5.17E-05 | 5.09E-05 | 1.58E-06 | 2.90E-05 | 6.59E-07 | 6.55E-07 | 6.52E-07 | 6.48E-07 |
| 167143.727106553908 | 167143.73 | 3908856.32 | FENCEGRD | 5.60E-05 | 5.51E-05 | 5.41E-05 | 5.33E-05 | 1.66E-06 | 3.25E-05 | 6.85E-07 | 6.81E-07 | 6.78E-07 | 6.74E-07 |
| 167132.493470187390 | 167132.49 | 3908876.97 | FENCEGRD | 5.99E-05 | 5.89E-05 | 5.78E-05 | 5.68E-05 | 1.74E-06 | 3.66E-05 | 7.24E-07 | 7.20E-07 | 7.15E-07 | 7.11E-07 |
| 167121.259833823390 | 167121.26 | 3908897.62 | FENCEGRD | 6.50E-05 | 6.37E-05 | 6.25E-05 | 6.14E-05 | 1.83E-06 | 4.12E-05 | 7.83E-07 | 7.77E-07 | 7.72E-07 | 7.68E-07 |
| 167173.037094841390 | 167173.04 | 3908605.61 | FENCEGRD | 4.03E-05 | 3.96E-05 | 3.88E-05 | 3.82E-05 | 1.43E-06 | 1.20E-05 | 4.77E-07 | 4.74E-07 | 4.72E-07 | 4.69E-07 |
| 167189.088389095390 | 167189.09 | 3908588.55 | FENCEGRD | 4.06E-05 | 3.99E-05 | 3.91E-05 | 3.84E-05 | 1.54E-06 | 1.18E-05 | 4.82E-07 | 4.78E-07 | 4.75E-07 | 4.73E-07 |
| 167205.139683349390 | 167205.14 | 3908571.49 | FENCEGRD | 4.10E-05 | 4.03E-05 | 3.94E-05 | 3.87E-05 | 1.67E-06 | 1.17E-05 | 4.94E-07 | 4.90E-07 | 4.86E-07 | 4.83E-07 |
| 167221.190977602390 | 167221.19 | 3908554.42 | FENCEGRD | 4.18E-05 | 4.09E-05 | 4.00E-05 | 3.93E-05 | 1.82E-06 | 1.17E-05 | 5.20E-07 | 5.14E-07 | 5.09E-07 | 5.05E-07 |
| 167237.242271856390 | 167237.24 | 3908537.36 | FENCEGRD | 4.00E-05 | 4.03E-05 | 4.10E-05 | 4.05E-05 | 2.03E-06 | 1.11E-05 | 5.49E-07 | 5.48E-07 | 5.46E-07 | 5.42E-07 |
| 167253.293566113908 | 167253.29 | 3908520.29 | FENCEGRD | 3.75E-05 | 3.75E-05 | 3.76E-05 | 3.79E-05 | 2.17E-06 | 1.04E-05 | 5.48E-07 | 5.46E-07 | 5.42E-07 | 5.40E-07 |
| 167269.344860364390 | 167269.34 | 3908503.23 | FENCEGRD | 3.64E-05 | 3.63E-05 | 3.62E-05 | 3.62E-05 | 2.21E-06 | 1.00E-05 | 5.57E-07 | 5.54E-07 | 5.50E-07 | 5.46E-07 |
| 167285.396154618390 | 167285.40 | 3908486.16 | FENCEGRD | 3.65E-05 | 3.62E-05 | 3.60E-05 | 3.60E-05 | 2.28E-06 | 9.84E-06 | 5.79E-07 | 5.75E-07 | 5.70E-07 | 5.66E-07 |
| 167301.447448871390 | 167301.45 | 3908469.10 | FENCEGRD | 3.68E-05 | 3.66E-05 | 3.64E-05 | 3.63E-05 | 2.36E-06 | 9.79E-06 | 6.09E-07 | 6.05E-07 | 5.98E-07 | 5.93E-07 |
| 167317.498743125390 | 167317.50 | 3908452.03 | FENCEGRD | 3.75E-05 | 3.72E-05 | 3.70E-05 | 3.69E-05 | 2.46E-06 | 9.84E-06 | 6.46E-07 | 6.40E-07 | 6.33E-07 | 6.27E-07 |
| 167333.550037379390 | 167333.55 | 3908434.97 | FENCEGRD | 3.88E-05 | 3.84E-05 | 3.81E-05 | 3.79E-05 | 2.57E-06 | 9.98E-06 | 6.88E-07 | 6.82E-07 | 6.74E-07 | 6.67E-07 |
| 167349.601331633390 | 167349.60 | 3908417.90 | FENCEGRD | 4.01E-05 | 3.96E-05 | 3.92E- | | | | | | | |

Project Ground Level Concentrations-16<30

| | | | | 16<30 GLC (µg/m³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------|----------|------------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167024.207221897390 | 167024.21 | 3908657.50 | FENCEGRD | 3.63E-05 | 3.58E-05 | 3.52E-05 | 3.47E-05 | 1.22E-06 | 1.33E-05 | 4.95E-07 | 4.93E-07 | 4.91E-07 | 4.88E-07 |
| 167012.973585534390 | 167012.97 | 3908678.15 | FENCEGRD | 3.66E-05 | 3.61E-05 | 3.55E-05 | 3.49E-05 | 1.26E-06 | 1.43E-05 | 5.10E-07 | 5.07E-07 | 5.04E-07 | 5.02E-07 |
| 167001.739949173908 | 167001.74 | 3908698.80 | FENCEGRD | 3.67E-05 | 3.62E-05 | 3.56E-05 | 3.51E-05 | 1.30E-06 | 1.54E-05 | 5.19E-07 | 5.16E-07 | 5.13E-07 | 5.11E-07 |
| 166990.506312807390 | 166990.51 | 3908719.45 | FENCEGRD | 3.71E-05 | 3.66E-05 | 3.60E-05 | 3.55E-05 | 1.35E-06 | 1.65E-05 | 5.26E-07 | 5.23E-07 | 5.20E-07 | 5.18E-07 |
| 166979.272676443390 | 166979.27 | 3908740.10 | FENCEGRD | 3.78E-05 | 3.73E-05 | 3.67E-05 | 3.62E-05 | 1.40E-06 | 1.78E-05 | 5.33E-07 | 5.31E-07 | 5.28E-07 | 5.25E-07 |
| 166968.039040079390 | 166968.04 | 3908760.75 | FENCEGRD | 3.90E-05 | 3.84E-05 | 3.78E-05 | 3.73E-05 | 1.44E-06 | 1.92E-05 | 5.46E-07 | 5.43E-07 | 5.40E-07 | 5.37E-07 |
| 166956.805403716390 | 166956.81 | 3908781.40 | FENCEGRD | 4.07E-05 | 4.01E-05 | 3.95E-05 | 3.89E-05 | 1.49E-06 | 2.09E-05 | 5.67E-07 | 5.63E-07 | 5.60E-07 | 5.58E-07 |
| 166945.571767352390 | 166945.57 | 3908802.05 | FENCEGRD | 4.30E-05 | 4.23E-05 | 4.16E-05 | 4.10E-05 | 1.53E-06 | 2.27E-05 | 6.00E-07 | 5.96E-07 | 5.93E-07 | 5.90E-07 |
| 167371.888474415390 | 167371.89 | 3909070.62 | FENCEGRD | 1.87E-04 | 1.82E-04 | 1.77E-04 | 1.72E-04 | 2.59E-06 | 1.60E-04 | 1.83E-06 | 1.78E-06 | 1.75E-06 | 1.72E-06 |
| 167324.488572333390 | 167324.49 | 3909054.72 | FENCEGRD | 1.67E-04 | 1.62E-04 | 1.57E-04 | 1.52E-04 | 2.48E-06 | 1.33E-04 | 1.68E-06 | 1.64E-06 | 1.62E-06 | 1.59E-06 |
| 167277.083364552390 | 167277.08 | 3909038.83 | FENCEGRD | 1.47E-04 | 1.42E-04 | 1.38E-04 | 1.34E-04 | 2.44E-06 | 1.12E-04 | 1.56E-06 | 1.53E-06 | 1.51E-06 | 1.49E-06 |
| 167287.015632423390 | 167287.02 | 3909016.01 | FENCEGRD | 1.25E-04 | 1.22E-04 | 1.19E-04 | 1.16E-04 | 2.28E-06 | 1.02E-04 | 1.28E-06 | 1.26E-06 | 1.24E-06 | 1.23E-06 |
| 167182.264672139090 | 167182.26 | 3909007.07 | FENCEGRD | 1.14E-04 | 1.11E-04 | 1.08E-04 | 1.05E-04 | 2.31E-06 | 8.10E-05 | 1.37E-06 | 1.35E-06 | 1.34E-06 | 1.32E-06 |
| 167192.329370213908 | 167192.33 | 3908983.95 | FENCEGRD | 1.00E-04 | 9.80E-05 | 9.56E-05 | 9.35E-05 | 2.18E-06 | 7.29E-05 | 1.15E-06 | 1.14E-06 | 1.13E-06 | 1.12E-06 |
| 167087.440283725390 | 167087.44 | 3908975.32 | FENCEGRD | 9.10E-05 | 8.88E-05 | 8.66E-05 | 8.47E-05 | 2.16E-06 | 6.13E-05 | 1.22E-06 | 1.21E-06 | 1.20E-06 | 1.18E-06 |
| 167096.458830418390 | 167096.46 | 3908954.60 | FENCEGRD | 8.26E-05 | 8.08E-05 | 7.89E-05 | 7.73E-05 | 2.05E-06 | 5.55E-05 | 1.07E-06 | 1.06E-06 | 1.05E-06 | 1.04E-06 |
| 167106.604695447390 | 167106.60 | 3908931.29 | FENCEGRD | 7.45E-05 | 7.30E-05 | 7.14E-05 | 7.00E-05 | 1.95E-06 | 4.92E-05 | 9.26E-07 | 9.17E-07 | 9.09E-07 | 9.03E-07 |
| 166992.612970415390 | 166992.61 | 3908943.58 | FENCEGRD | 7.39E-05 | 7.23E-05 | 7.07E-05 | 6.93E-05 | 1.99E-06 | 4.72E-05 | 1.09E-06 | 1.08E-06 | 1.07E-06 | 1.06E-06 |
| 167001.680266009390 | 167001.68 | 3908922.75 | FENCEGRD | 6.83E-05 | 6.69E-05 | 6.55E-05 | 6.42E-05 | 1.89E-06 | 4.28E-05 | 9.73E-07 | 9.63E-07 | 9.55E-07 | 9.47E-07 |
| 167010.747561603390 | 167010.75 | 3908901.92 | FENCEGRD | 6.31E-05 | 6.18E-05 | 6.06E-05 | 5.95E-05 | 1.82E-06 | 3.86E-05 | 8.68E-07 | 8.60E-07 | 8.53E-07 | 8.47E-07 |
| 167019.814857197390 | 167019.81 | 3908881.09 | FENCEGRD | 5.81E-05 | 5.71E-05 | 5.60E-05 | 5.50E-05 | 1.76E-06 | 3.46E-05 | 7.78E-07 | 7.71E-07 | 7.66E-07 | 7.61E-07 |
| 166897.783956562390 | 166897.78 | 3908911.84 | FENCEGRD | 6.11E-05 | 6.00E-05 | 5.87E-05 | 5.77E-05 | 1.84E-06 | 3.71E-05 | 9.76E-07 | 9.67E-07 | 9.59E-07 | 9.51E-07 |
| 166906.886396713390 | 166906.89 | 3908890.93 | FENCEGRD | 5.68E-05 | 5.58E-05 | 5.47E-05 | 5.38E-05 | 1.74E-06 | 3.37E-05 | 8.80E-07 | 8.72E-07 | 8.65E-07 | 8.59E-07 |
| 166915.988836863390 | 166915.99 | 3908870.02 | FENCEGRD | 5.29E-05 | 5.20E-05 | 5.10E-05 | 5.02E-05 | 1.66E-06 | 3.05E-05 | 7.94E-07 | 7.87E-07 | 7.82E-07 | 7.76E-07 |
| 166925.091277014390 | 166925.09 | 3908849.11 | FENCEGRD | 4.95E-05 | 4.86E-05 | 4.78E-05 | 4.70E-05 | 1.61E-06 | 2.78E-05 | 7.20E-07 | 7.15E-07 | 7.10E-07 | 7.06E-07 |
| 166934.193717164390 | 166934.19 | 3908828.19 | FENCEGRD | 4.64E-05 | 4.56E-05 | 4.49E-05 | 4.42E-05 | 1.58E-06 | 2.54E-05 | 6.59E-07 | 6.54E-07 | 6.50E-07 | 6.47E-07 |
| 167363.014395385390 | 167363.01 | 3909118.12 | FENCEGRD | 3.37E-04 | 3.21E-04 | 3.05E-04 | 2.91E-04 | 3.04E-06 | 1.89E-04 | 3.47E-06 | 3.33E-06 | 3.22E-06 | 3.12E-06 |
| 167359.573909162.59 | 167359.57 | 3909162.59 | FENCEGRD | 5.42E-04 | 5.18E-04 | 4.92E-04 | 4.69E-04 | 4.17E-06 | 2.13E-04 | 6.62E-06 | 6.34E-06 | 6.08E-06 | 5.85E-06 |
| 167359.573909185.91 | 167359.57 | 3909185.91 | FENCEGRD | 6.50E-04 | 6.23E-04 | 5.93E-04 | 5.68E-04 | 5.33E-06 | 2.25E-04 | 8.97E-06 | 8.61E-06 | 8.29E-06 | 7.99E-06 |
| 167359.573909209.23 | 167359.57 | 3909209.24 | FENCEGRD | 7.51E-04 | 7.22E-04 | 6.90E-04 | 6.63E-04 | 7.25E-06 | 2.35E-04 | 1.16E-05 | 1.12E-05 | 1.09E-05 | 1.05E-05 |
| 167359.573909232.55 | 167359.57 | 3909232.56 | FENCEGRD | 8.36E-04 | 8.09E-04 | 7.77E-04 | 7.50E-04 | 1.05E-05 | 2.42E-04 | 1.44E-05 | 1.40E-05 | 1.36E-05 | 1.32E-05 |
| 167359.573909255.87 | 167359.57 | 3909255.88 | FENCEGRD | 8.95E-04 | 8.73E-04 | 8.45E-04 | 8.20E-04 | 1.55E-05 | 2.45E-04 | 1.69E-05 | 1.65E-05 | 1.61E-05 | 1.57E-05 |
| 167312.799120674390 | 167312.80 | 3909119.44 | FENCEGRD | 3.27E-04 | 3.11E-04 | 2.95E-04 | 2.81E-04 | 3.29E-06 | 1.73E-04 | 3.56E-06 | 3.44E-06 | 3.34E-06 | 3.25E-06 |
| 167319.257362021390 | 167319.26 | 3909079.78 | FENCEGRD | 2.13E-04 | 2.05E-04 | 1.96E-04 | 1.89E-04 | 2.71E-06 | 1.48E-04 | 2.20E-06 | 2.15E-06 | 2.10E-06 | 2.06E-06 |
| 167309.573909162.59 | 167309.57 | 3909162.59 | FENCEGRD | 4.86E-04 | 4.64E-04 | 4.41E-04 | 4.21E-04 | 4.59E-06 | 1.97E-04 | 6.08E-06 | 5.86E-06 | 5.65E-06 | 5.47E-06 |
| 167309.573909185.91 | 167309.57 | 3909185.91 | FENCEGRD | 5.73E-04 | 5.49E-04 | 5.23E-04 | 5.01E-04 | 5.81E-06 | 2.10E-04 | 7.94E-06 | 7.66E-06 | 7.41E-06 | 7.18E-06 |
| 167309.573909209.23 | 167309.57 | 3909209.24 | FENCEGRD | 6.58E-04 | 6.31E-04 | 6.03E-04 | 5.79E-04 | 7.67E-06 | 2.22E-04 | 1.00E-05 | 9.71E-06 | 9.43E-06 | 9.16E-06 |
| 167309.573909232.55 | 167309.57 | 3909232.56 | FENCEGRD | 7.37E-04 | 7.10E-04 | 6.79E-04 | 6.53E-04 | 1.05E-05 | 2.31E-04 | 1.22E-05 | 1.19E-05 | 1.16E-05 | 1.13E-05 |
| 167309.573909255.87 | 167309.57 | 3909255.88 | FENCEGRD | 7.94E-04 | 7.69E-04 | 7.39E-04 | 7.14E-04 | 1.46E-05 | 2.34E-04 | 1.41E-05 | 1.38E-05 | 1.35E-05 | 1.32E-05 |
| 167309.573909279.2 | 167309.57 | 3909279.20 | FENCEGRD | 8.24E-04 | 8.03E-04 | 7.78E-04 | 7.56E-04 | 1.99E-05 | 2.32E-04 | 1.57E-05 | 1.54E-05 | 1.51E-05 | 1.48E-05 |
| 167262.669955847390 | 167262.67 | 3909120.23 | FENCEGRD | 3.04E-04 | 2.90E-04 | 2.76E-04 | 2.64E-04 | 3.55E-06 | 1.57E-04 | 3.56E-06 | 3.46E-06 | 3.36E-06 | 3.28E-06 |
| 167268.869867543909 | 167268.87 | 3909082.16 | FENCEGRD | 2.12E-04 | 2.03E-04 | 1.95E-04 | 1.88E-04 | 2.85E-06 | 1.35E-04 | 2.38E-06 | 2.32E-06 | 2.27E-06 | 2.23E-06 |
| 167259.573909162.59 | 167259.57 | 3909162.59 | FENCEGRD | 4.34E-04 | 4.14E-04 | 3.94E-04 | 3.77E-04 | 4.97E-06 | 1.82E-04 | 5.67E-06 | 5.49E-06 | 5.32E-06 | 5.17E-06 |
| 167259.573909185.91 | 167259.57 | 3909185.91 | FENCEGRD | 5.06E-04 | 4.84E-04 | 4.62E-04 | 4.43E-04 | 6.22E-06 | 1.95E-04 | 7.20E-06 | 6.97E-06 | 6.77E-06 | 6.58E-06 |
| 167259.573909209.23 | 167259.57 | 3909209.24 | FENCEGRD | 5.72E-04 | 5.49E-04 | 5.24E-04 | 5.04E-04 | 8.00E-06 | 2.06E-04 | 8.84E-06 | 8.59E-06 | 8.36E-06 | 8.15E-06 |
| 167259.573909232.55 | 167259.57 | 3909232.56 | FENCEGRD | 6.29E-04 | 6.05E-04 | 5.80E-04 | 5.59E-04 | 1.05E-05 | 2.12E-04 | 1.04E-05 | 1.02E-05 | 9.94E-06 | 9.70E-06 |
| 167259.573909255.87 | 167259.57 | 3909255.88 | FENCEGRD | 6.75E-04 | 6.52E-04 | 6.27E-04 | 6.06E-04 | 1.38E-05 | 2.15E-04 | 1.19E-05 | 1.16E-05 | 1.14E-05 | 1.11E-05 |
| 167259.573909279.2 | 167259.57 | 3909279.20 | FENCEGRD | 7.06E-04 | 6.87E-04 | 6.64E-04 | 6.44E-04 | 1.80E-05 | 2.15E-04 | 1.32E-05 | 1.29E-05 | 1.27E-05 | 1.24E-05 |
| 167163.014395385390 | 167163.01 | 3909118.12 | FENCEGRD | 2.48E-04 | 2.38E-04 | 2.27E-04 | 2.19E-04 | 3.94E-06 | 1.29E-04 | 3.33E-06 | 3.25E-06 | 3.18E-06 | 3.11E-06 |
| 167169.903186155390 | 167169.90 | 3909075.82 | FENCEGRD | 1.81E-04 | 1.74E-04 | 1.68E-04 | 1.62E-04 | 3.03E-06 | 1.10E-04 | 2.35E-06 | 2.30E-06 | 2.26E-06 | 2.22E-06 |
| 167176.791976925390 | 167176.79 | 3909033.51 | FENCEGRD | 1.34E-04 | 1.30E-04 | 1.26E-04 | 1.22E-04 | 2.51E-06 | 9.17E-05 | 1.68E-06 | 1.65E-06 | 1.63E-06 | 1.61E-06 |
| 167159.573909162.59 | 167159.57 | 3909162.59 | FENCEGRD | 3.34E-04 | 3.21E-04 | 3.07E-04 | 2.95E-04 | 5.50E-06 | 1.48E-04 | 4.85E-06 | 4.72E-06 | 4.61E-06 | 4.50E-06 |
| 167159.573909185.91 | 167159.57 | 3909185.91 | FENCEGRD | 3.79E-04 | 3.65E-04 | 3.50E-04 | 3.37E-04 | 6.66E-06 | 1.58E-04 | 5.86E-06 | 5.71E-06 | 5.57E-06 | 5.45E-06 |
| 167159.573909209.23 | 167159.57 | 3909209.24 | FENCEGRD | 4.20E-04 | 4.05E-04 | 3.90E-04 | 3.76E-04 | 8.14E-06 | 1.66E-04 | 6.94E-06 | 6.78E-06 | 6.63E-06 | 6.49E-06 |
| 167159.573909232.55 | 167159.57 | 3909232.56 | FENCEGRD | 4.57E-04 | 4.42E-04 | 4.26E-04 | 4.12E-04 | 1.00E-05 | 1.74E-04 | 8.00E-06 | 7.84E-06 | 7.69E-06 | 7.54E-06 |
| 167159.573909255.87 | 167159.57 | 3909255.88 | FENCEGRD | 4.92E-04 | 4.76E-04 | 4.59E-04 | 4.45E-04 | 1.24E-05 | 1.79E-04 | 9.02E-06 | 8.85E-06 | 8.69E-06 | 8.54E-06 |
| 167159.573909279.2 | 167159.57 | 3909279.20 | FENCEGRD | 5.23E-04 | 5.07E-04 | 4.90E-04 | 4.76E-04 | 1.53E-05 | 1.83E-04 | 9.95E-06 | 9.78E-06 | 9.61E-06 | 9.46E-06 |
| 167063.260423627390 | 167063.26 | 3909116.61 | FENCEGRD | 2.03E-04 | 1.96E-04 | 1.88E-04 | 1.82E-04 | 4.27E-06 | 1.07E-04 | 3.07E-06 | 3.01E-06 | 2.95E-06 | 2.90E-06 |
| 167066.950847254390 | 167066.95 | 3909093.95 | FENCEGRD | 1.78E-04 | 1.71E-04 | 1.65E-04 | 1.59E-04 | 3.71E-06 | 9.99E-05 | 2.63E-06 | 2.58E-06 | 2.54E-06 | 2.50E-06 |
| 167070.641270881390 | 167070.64 | 3909071.28 | FENCEGRD | 1.55E-04 | 1.49E-04 | 1.44E-04 | 1.39E-04 | 3.24E-06 | 9.22E-05 | 2.27E-06 | 2.23E-06 | 2.19E-06 | 2.16E-06 |
| 167074.331694508390 | 167074.33 | 3909048.62 | FENCEGRD | 1.35E-04 | 1.30E-04 | 1.26E-04 | 1.22E-04 | 2.86E-06 | 8.46E-05 | 1.96E-06 | 1.92E-06 | 1.90E-06 | 1.87E-06 |
| 167078.022118134390 | 167078.02 | 3909025.96 | FENCEGRD | 1.18E-04 | 1.15E-04 | 1.11E-04</ | | | | | | | |

Project Ground Level Concentrations-16<30

| | | | | 16<30 GLC (µg/m³) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 166881.269690926390 | 166881.27 | 3909006.02 | FENCEGRD | 8.68E-05 | 8.47E-05 | 8.25E-05 | 8.06E-05 | 2.65E-06 | 5.46E-05 | 1.51E-06 | 1.49E-06 | 1.47E-06 | 1.46E-06 |
| 166884.886306083908 | 166884.89 | 3908983.81 | FENCEGRD | 7.94E-05 | 7.76E-05 | 7.57E-05 | 7.41E-05 | 2.40E-06 | 5.03E-05 | 1.36E-06 | 1.35E-06 | 1.33E-06 | 1.32E-06 |
| 166888.502921235390 | 166888.50 | 3908961.60 | FENCEGRD | 7.30E-05 | 7.14E-05 | 6.98E-05 | 6.84E-05 | 2.18E-06 | 4.60E-05 | 1.23E-06 | 1.22E-06 | 1.20E-06 | 1.19E-06 |
| 166859.573909139.27 | 166859.57 | 3909139.27 | FENCEGRD | 1.55E-04 | 1.51E-04 | 1.46E-04 | 1.42E-04 | 4.97E-06 | 8.15E-05 | 2.88E-06 | 2.83E-06 | 2.79E-06 | 2.75E-06 |
| 166859.573909162.59 | 166859.57 | 3909162.59 | FENCEGRD | 1.72E-04 | 1.67E-04 | 1.62E-04 | 1.57E-04 | 5.57E-06 | 8.66E-05 | 3.26E-06 | 3.20E-06 | 3.15E-06 | 3.10E-06 |
| 166859.573909185.91 | 166859.57 | 3909185.91 | FENCEGRD | 1.89E-04 | 1.84E-04 | 1.78E-04 | 1.73E-04 | 6.27E-06 | 9.19E-05 | 3.68E-06 | 3.62E-06 | 3.56E-06 | 3.51E-06 |
| 166859.573909209.23 | 166859.57 | 3909209.24 | FENCEGRD | 2.06E-04 | 2.00E-04 | 1.95E-04 | 1.89E-04 | 7.10E-06 | 9.72E-05 | 4.15E-06 | 4.08E-06 | 4.02E-06 | 3.95E-06 |
| 166859.573909232.55 | 166859.57 | 3909232.56 | FENCEGRD | 2.21E-04 | 2.16E-04 | 2.10E-04 | 2.05E-04 | 8.06E-06 | 1.02E-04 | 4.63E-06 | 4.56E-06 | 4.49E-06 | 4.42E-06 |
| 166859.573909255.87 | 166859.57 | 3909255.88 | FENCEGRD | 2.35E-04 | 2.29E-04 | 2.23E-04 | 2.18E-04 | 9.18E-06 | 1.07E-04 | 5.09E-06 | 5.02E-06 | 4.96E-06 | 4.89E-06 |
| 166859.573909279.2 | 166859.57 | 3909279.20 | FENCEGRD | 2.48E-04 | 2.42E-04 | 2.36E-04 | 2.31E-04 | 1.05E-05 | 1.12E-04 | 5.53E-06 | 5.46E-06 | 5.40E-06 | 5.33E-06 |
| 167540.497012865390 | 167540.50 | 3909215.75 | | 4.43E-04 | 4.55E-04 | 4.70E-04 | 4.82E-04 | 1.73E-05 | 2.81E-04 | 3.61E-05 | 3.59E-05 | 3.58E-05 | 3.47E-05 |
| 167541.642759649390 | 167541.64 | 3909179.96 | | 3.45E-04 | 3.40E-04 | 3.41E-04 | 3.42E-04 | 1.40E-05 | 2.75E-04 | 2.42E-05 | 2.21E-05 | 1.99E-05 | 1.78E-05 |
| 167537.739545029390 | 167537.74 | 3909149.96 | | 2.18E-04 | 2.14E-04 | 2.12E-04 | 2.08E-04 | 1.17E-05 | 2.65E-04 | 1.10E-05 | 9.33E-06 | 7.98E-06 | 7.03E-06 |
| 167536.333909120.68 | 167536.33 | 3909120.68 | | 1.13E-04 | 1.11E-04 | 1.10E-04 | 1.10E-04 | 1.07E-05 | 2.53E-04 | 3.78E-06 | 3.36E-06 | 3.04E-06 | 2.83E-06 |
| 167536.333909106.64 | 167536.33 | 3909106.64 | | 8.57E-05 | 8.60E-05 | 8.79E-05 | 8.97E-05 | 1.04E-05 | 2.47E-04 | 2.54E-06 | 2.38E-06 | 2.23E-06 | 2.13E-06 |
| 167534.583909076.82 | 167534.58 | 3909076.82 | | 7.46E-05 | 7.59E-05 | 7.79E-05 | 7.99E-05 | 9.65E-06 | 2.32E-04 | 1.74E-06 | 1.68E-06 | 1.63E-06 | 1.58E-06 |
| 167559.143909104.89 | 167559.14 | 3909104.89 | | 7.32E-05 | 7.39E-05 | 7.49E-05 | 7.60E-05 | 1.49E-05 | 2.70E-04 | 3.09E-06 | 2.87E-06 | 2.67E-06 | 2.53E-06 |
| 167557.393909075.06 | 167557.39 | 3909075.06 | | 7.21E-05 | 7.25E-05 | 7.28E-05 | 7.33E-05 | 1.30E-05 | 2.45E-04 | 2.37E-06 | 2.26E-06 | 2.15E-06 | 2.05E-06 |
| 167589.843909052.25 | 167589.84 | 3909052.25 | | 1.19E-04 | 1.01E-04 | 8.86E-05 | 8.28E-05 | 1.91E-05 | 2.80E-04 | 4.78E-06 | 4.37E-06 | 4.00E-06 | 3.70E-06 |
| 167615.283909003.13 | 167615.28 | 3909003.13 | | 3.73E-04 | 3.01E-04 | 2.41E-04 | 2.05E-04 | 2.06E-05 | 2.80E-04 | 6.30E-06 | 5.83E-06 | 5.40E-06 | 5.04E-06 |
| 167542.473909053.13 | 167542.47 | 3909053.13 | | 7.24E-05 | 7.32E-05 | 7.47E-05 | 7.63E-05 | 1.02E-05 | 2.22E-04 | 1.79E-06 | 1.73E-06 | 1.66E-06 | 1.61E-06 |
| 167566.163909006.64 | 167566.16 | 3909006.64 | | 9.95E-05 | 9.40E-05 | 8.94E-05 | 8.73E-05 | 1.18E-05 | 2.06E-04 | 2.63E-06 | 2.49E-06 | 2.35E-06 | 2.24E-06 |
| 167539.753909198.46 | 167539.75 | 3909198.46 | | 4.09E-04 | 4.13E-04 | 4.22E-04 | 4.28E-04 | 1.45E-05 | 2.76E-04 | 3.05E-05 | 2.93E-05 | 2.79E-05 | 2.61E-05 |
| 167537.083909134.72 | 167537.08 | 3909134.72 | | 1.58E-04 | 1.53E-04 | 1.51E-04 | 1.48E-04 | 1.11E-05 | 2.59E-04 | 6.35E-06 | 5.43E-06 | 4.70E-06 | 4.23E-06 |
| 167535.553909092.74 | 167535.55 | 3909092.74 | | 7.65E-05 | 7.79E-05 | 8.03E-05 | 8.26E-05 | 1.00E-05 | 2.40E-04 | 2.00E-06 | 1.92E-06 | 1.84E-06 | 1.78E-06 |
| 167558.453909089.69 | 167558.45 | 3909089.69 | | 7.17E-05 | 7.24E-05 | 7.34E-05 | 7.41E-05 | 1.39E-05 | 2.56E-04 | 2.58E-06 | 2.45E-06 | 2.32E-06 | 2.21E-06 |
| 167553.493909032.06 | 167553.49 | 3909032.06 | | 7.56E-05 | 7.50E-05 | 7.52E-05 | 7.60E-05 | 1.10E-05 | 2.15E-04 | 2.12E-06 | 2.02E-06 | 1.92E-06 | 1.84E-06 |
| 167601.963909028.24 | 167601.96 | 3909028.24 | | 2.34E-04 | 1.83E-04 | 1.44E-04 | 1.24E-04 | 1.99E-05 | 2.80E-04 | 5.59E-06 | 5.14E-06 | 4.73E-06 | 4.39E-06 |

Project Dose Calculations

3rd Trimester Dose

| | | | | 3rd Trimester Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167603.820034585390 | 167603.82 | 3909302.48 | FENCEGRD | 5.19E-08 | 5.35E-08 | 5.58E-08 | 5.84E-08 | 1.26E-08 | 1.58E-08 | 1.12E-09 | 1.17E-09 | 1.21E-09 | 1.27E-09 |
| 167615.268534585390 | 167615.27 | 3909280.72 | FENCEGRD | 4.96E-08 | 5.10E-08 | 5.25E-08 | 5.38E-08 | 1.49E-08 | 1.60E-08 | 1.10E-09 | 1.15E-09 | 1.21E-09 | 1.26E-09 |
| 167626.717034585390 | 167626.72 | 3909258.96 | FENCEGRD | 4.57E-08 | 4.69E-08 | 4.74E-08 | 4.77E-08 | 1.66E-08 | 1.64E-08 | 1.15E-09 | 1.21E-09 | 1.27E-09 | 1.34E-09 |
| 167638.165534585390 | 167638.17 | 3909237.19 | FENCEGRD | 3.85E-08 | 3.95E-08 | 4.04E-08 | 4.06E-08 | 1.78E-08 | 1.71E-08 | 1.28E-09 | 1.33E-09 | 1.40E-09 | 1.48E-09 |
| 167649.614034585390 | 167649.61 | 3909215.43 | FENCEGRD | 3.09E-08 | 3.10E-08 | 3.16E-08 | 3.20E-08 | 1.85E-08 | 1.86E-08 | 1.62E-09 | 1.68E-09 | 1.75E-09 | 1.85E-09 |
| 167661.062534585390 | 167661.06 | 3909193.67 | FENCEGRD | 2.98E-08 | 2.79E-08 | 2.66E-08 | 2.64E-08 | 1.81E-08 | 2.12E-08 | 2.31E-09 | 2.42E-09 | 2.54E-09 | 2.69E-09 |
| 167672.511034585390 | 167672.51 | 3909171.91 | FENCEGRD | 3.00E-08 | 2.74E-08 | 2.47E-08 | 2.29E-08 | 1.71E-08 | 2.47E-08 | 3.21E-09 | 3.41E-09 | 3.64E-09 | 3.91E-09 |
| 167683.959534585390 | 167683.96 | 3909150.15 | FENCEGRD | 3.35E-08 | 3.07E-08 | 2.76E-08 | 2.52E-08 | 1.57E-08 | 2.83E-08 | 4.16E-09 | 4.44E-09 | 4.79E-09 | 5.18E-09 |
| 167695.408034585390 | 167695.41 | 3909128.39 | FENCEGRD | 4.72E-08 | 4.81E-08 | 5.01E-08 | 5.65E-08 | 1.44E-08 | 3.16E-08 | 4.99E-09 | 5.33E-09 | 5.77E-09 | 6.23E-09 |
| 167706.856534585390 | 167706.86 | 3909106.63 | FENCEGRD | 1.08E-07 | 1.27E-07 | 1.56E-07 | 1.94E-07 | 1.33E-08 | 3.47E-08 | 5.54E-09 | 5.87E-09 | 6.27E-09 | 6.63E-09 |
| 167718.305034585390 | 167718.31 | 3909084.86 | FENCEGRD | 2.02E-07 | 2.38E-07 | 2.82E-07 | 3.25E-07 | 1.26E-08 | 3.75E-08 | 5.76E-09 | 5.99E-09 | 6.23E-09 | 6.40E-09 |
| 167729.753534585390 | 167729.75 | 3909063.10 | FENCEGRD | 2.93E-07 | 3.27E-07 | 3.62E-07 | 3.89E-07 | 1.19E-08 | 4.03E-08 | 5.67E-09 | 5.78E-09 | 5.87E-09 | 5.91E-09 |
| 167741.202034585390 | 167741.20 | 3909041.34 | FENCEGRD | 3.45E-07 | 3.67E-07 | 3.88E-07 | 4.00E-07 | 1.13E-08 | 4.31E-08 | 5.38E-09 | 5.42E-09 | 5.42E-09 | 5.39E-09 |
| 167752.650534585390 | 167752.65 | 3909019.58 | FENCEGRD | 3.61E-07 | 3.73E-07 | 3.82E-07 | 3.85E-07 | 1.06E-08 | 4.58E-08 | 5.04E-09 | 5.03E-09 | 4.99E-09 | 4.93E-09 |
| 167764.099034585390 | 167764.10 | 3908997.82 | FENCEGRD | 3.52E-07 | 3.58E-07 | 3.60E-07 | 3.58E-07 | 9.96E-09 | 4.82E-08 | 4.66E-09 | 4.62E-09 | 4.56E-09 | 4.49E-09 |
| 167775.547534585390 | 167775.55 | 3908976.06 | FENCEGRD | 3.29E-07 | 3.30E-07 | 3.29E-07 | 3.25E-07 | 9.29E-09 | 5.04E-08 | 4.29E-09 | 4.24E-09 | 4.17E-09 | 4.09E-09 |
| 167786.996034585390 | 167787.00 | 3908954.30 | FENCEGRD | 3.02E-07 | 3.00E-07 | 2.96E-07 | 2.92E-07 | 8.69E-09 | 5.25E-08 | 3.96E-09 | 3.90E-09 | 3.83E-09 | 3.76E-09 |
| 167798.444534585390 | 167798.44 | 3908932.53 | FENCEGRD | 2.72E-07 | 2.68E-07 | 2.63E-07 | 2.58E-07 | 8.00E-09 | 5.45E-08 | 3.61E-09 | 3.55E-09 | 3.49E-09 | 3.42E-09 |
| 167809.893034585390 | 167809.89 | 3908910.77 | FENCEGRD | 2.45E-07 | 2.41E-07 | 2.35E-07 | 2.30E-07 | 7.47E-09 | 5.67E-08 | 3.34E-09 | 3.28E-09 | 3.21E-09 | 3.16E-09 |
| 167821.341534585390 | 167821.34 | 3908889.01 | FENCEGRD | 2.19E-07 | 2.15E-07 | 2.09E-07 | 2.04E-07 | 6.88E-09 | 6.01E-08 | 3.06E-09 | 3.01E-09 | 2.95E-09 | 2.89E-09 |
| 167832.790034585390 | 167832.79 | 3908867.25 | FENCEGRD | 1.98E-07 | 1.93E-07 | 1.88E-07 | 1.84E-07 | 6.49E-09 | 6.43E-08 | 2.85E-09 | 2.80E-09 | 2.75E-09 | 2.70E-09 |
| 167583.765368876390 | 167583.77 | 3909333.07 | FENCEGRD | 5.41E-08 | 5.67E-08 | 6.05E-08 | 6.44E-08 | 9.21E-09 | 1.62E-08 | 1.19E-09 | 1.22E-09 | 1.27E-09 | 1.32E-09 |
| 167625.945051877390 | 167625.95 | 3909314.12 | FENCEGRD | 5.33E-08 | 5.52E-08 | 5.68E-08 | 5.78E-08 | 8.64E-09 | 1.38E-08 | 9.39E-10 | 9.77E-10 | 1.02E-09 | 1.06E-09 |
| 167637.393551877390 | 167637.39 | 3909292.36 | FENCEGRD | 5.05E-08 | 5.32E-08 | 5.56E-08 | 5.70E-08 | 1.07E-08 | 1.40E-08 | 9.34E-10 | 9.72E-10 | 1.01E-09 | 1.06E-09 |
| 167648.842051877390 | 167648.84 | 3909270.60 | FENCEGRD | 4.57E-08 | 4.87E-08 | 5.19E-08 | 5.40E-08 | 1.26E-08 | 1.44E-08 | 9.90E-10 | 1.02E-09 | 1.06E-09 | 1.10E-09 |
| 167660.290551877390 | 167660.29 | 3909248.83 | FENCEGRD | 3.95E-08 | 4.09E-08 | 4.30E-08 | 4.50E-08 | 1.41E-08 | 1.48E-08 | 1.09E-09 | 1.11E-09 | 1.14E-09 | 1.18E-09 |
| 167671.739051877390 | 167671.74 | 3909227.07 | FENCEGRD | 4.13E-08 | 4.04E-08 | 3.96E-08 | 3.94E-08 | 1.54E-08 | 1.57E-08 | 1.31E-09 | 1.34E-09 | 1.37E-09 | 1.40E-09 |
| 167683.187551877390 | 167683.19 | 3909205.31 | FENCEGRD | 5.05E-08 | 4.90E-08 | 4.60E-08 | 4.29E-08 | 1.61E-08 | 1.73E-08 | 1.67E-09 | 1.73E-09 | 1.78E-09 | 1.85E-09 |
| 167694.636051877390 | 167694.64 | 3909183.55 | FENCEGRD | 5.43E-08 | 5.37E-08 | 5.18E-08 | 4.93E-08 | 1.62E-08 | 1.96E-08 | 2.21E-09 | 2.30E-09 | 2.40E-09 | 2.52E-09 |
| 167706.084551877390 | 167706.08 | 3909161.79 | FENCEGRD | 5.67E-08 | 5.58E-08 | 5.35E-08 | 5.05E-08 | 1.57E-08 | 2.23E-08 | 2.87E-09 | 3.01E-09 | 3.18E-09 | 3.36E-09 |
| 167717.533051877390 | 167717.53 | 3909140.03 | FENCEGRD | 6.48E-08 | 6.57E-08 | 6.56E-08 | 6.57E-08 | 1.49E-08 | 2.52E-08 | 3.59E-09 | 3.79E-09 | 4.02E-09 | 4.28E-09 |
| 167728.981551877390 | 167728.98 | 3909118.27 | FENCEGRD | 8.51E-08 | 9.28E-08 | 1.02E-07 | 1.15E-07 | 1.40E-08 | 2.77E-08 | 4.18E-09 | 4.41E-09 | 4.68E-09 | 4.97E-09 |
| 167740.430051877390 | 167740.43 | 3909096.50 | FENCEGRD | 1.33E-07 | 1.51E-07 | 1.73E-07 | 2.00E-07 | 1.34E-08 | 3.03E-08 | 4.64E-09 | 4.87E-09 | 5.13E-09 | 5.39E-09 |
| 167751.878551877390 | 167751.88 | 3909074.74 | FENCEGRD | 2.00E-07 | 2.26E-07 | 2.57E-07 | 2.88E-07 | 1.27E-08 | 3.31E-08 | 4.94E-09 | 5.13E-09 | 5.33E-09 | 5.50E-09 |
| 167763.327051877390 | 167763.33 | 3909052.98 | FENCEGRD | 2.62E-07 | 2.88E-07 | 3.17E-07 | 3.42E-07 | 1.22E-08 | 3.60E-08 | 5.04E-09 | 5.17E-09 | 5.30E-09 | 5.40E-09 |
| 167774.775551877390 | 167774.78 | 3909031.22 | FENCEGRD | 3.00E-07 | 3.22E-07 | 3.44E-07 | 3.60E-07 | 1.14E-08 | 3.86E-08 | 4.93E-09 | 5.01E-09 | 5.07E-09 | 5.11E-09 |
| 167786.224051877390 | 167786.22 | 3909009.46 | FENCEGRD | 3.12E-07 | 3.27E-07 | 3.41E-07 | 3.51E-07 | 1.06E-08 | 4.11E-08 | 4.71E-09 | 4.74E-09 | 4.76E-09 | 4.75E-09 |
| 167797.672551877390 | 167797.67 | 3908987.70 | FENCEGRD | 3.06E-07 | 3.14E-07 | 3.22E-07 | 3.25E-07 | 9.67E-09 | 4.34E-08 | 4.41E-09 | 4.40E-09 | 4.39E-09 | 4.36E-09 |
| 167809.121051877390 | 167809.12 | 3908965.94 | FENCEGRD | 2.91E-07 | 2.95E-07 | 2.97E-07 | 2.97E-07 | 8.91E-09 | 4.60E-08 | 4.12E-09 | 4.09E-09 | 4.06E-09 | 4.01E-09 |
| 167820.569551877390 | 167820.57 | 3908944.17 | FENCEGRD | 2.71E-07 | 2.72E-07 | 2.71E-07 | 2.68E-07 | 8.14E-09 | 4.94E-08 | 3.84E-09 | 3.79E-09 | 3.74E-09 | 3.69E-09 |
| 167832.018051877390 | 167832.02 | 3908922.41 | FENCEGRD | 2.48E-07 | 2.47E-07 | 2.44E-07 | 2.40E-07 | 7.54E-09 | 5.37E-08 | 3.60E-09 | 3.55E-09 | 3.49E-09 | 3.43E-09 |
| 167843.466551877390 | 167843.47 | 3908900.65 | FENCEGRD | 2.19E-07 | 2.17E-07 | 2.14E-07 | 2.11E-07 | 7.03E-09 | 5.93E-08 | 3.39E-09 | 3.34E-09 | 3.28E-09 | 3.22E-09 |
| 167854.915051877390 | 167854.92 | 3908878.89 | FENCEGRD | 1.92E-07 | 1.90E-07 | 1.87E-07 | 1.83E-07 | 6.60E-09 | 6.41E-08 | 3.17E-09 | 3.12E-09 | 3.06E-09 | 3.00E-09 |
| 167610.577017612390 | 167610.58 | 3909342.60 | FENCEGRD | 5.17E-08 | 5.29E-08 | 5.42E-08 | 5.56E-08 | 5.85E-09 | 1.38E-08 | 1.00E-09 | 1.03E-09 | 1.06E-09 | 1.09E-09 |
| 167554.337440276390 | 167554.34 | 3909367.86 | FENCEGRD | 6.07E-08 | 6.46E-08 | 6.99E-08 | 7.50E-08 | 6.30E-09 | 1.70E-08 | 1.26E-09 | 1.31E-09 | 1.37E-09 | 1.42E-09 |
| 167648.070069173909 | 167648.07 | 3909325.76 | FENCEGRD | 4.68E-08 | 5.02E-08 | 5.39E-08 | 5.66E-08 | 6.46E-09 | 1.26E-08 | 8.27E-10 | 8.57E-10 | 8.92E-10 | 9.26E-10 |
| 167659.518569173909 | 167659.52 | 3909304.00 | FENCEGRD | 4.39E-08 | 4.72E-08 | 5.12E-08 | 5.45E-08 | 7.91E-09 | 1.28E-08 | 8.56E-10 | 8.79E-10 | 9.06E-10 | 9.35E-10 |
| 167670.967069173909 | 167670.97 | 3909282.24 | FENCEGRD | 4.10E-08 | 4.32E-08 | 4.63E-08 | 4.91E-08 | 9.48E-09 | 1.31E-08 | 9.24E-10 | 9.39E-10 | 9.57E-10 | 9.79E-10 |
| 167682.415569173909 | 167682.42 | 3909260.47 | FENCEGRD | 4.11E-08 | 4.15E-08 | 4.22E-08 | 4.30E-08 | 1.09E-08 | 1.34E-08 | 1.02E-09 | 1.03E-09 | 1.04E-09 | 1.06E-09 |
| 167693.864069173909 | 167693.86 | 3909238.71 | FENCEGRD | 4.78E-08 | 4.71E-08 | 4.56E-08 | 4.43E-08 | 1.23E-08 | 1.39E-08 | 1.15E-09 | 1.17E-09 | 1.19E-09 | 1.21E-09 |
| 167705.312569173909 | 167705.31 | 3909216.95 | FENCEGRD | 5.86E-08 | 5.97E-08 | 6.00E-08 | 5.94E-08 | 1.37E-08 | 1.51E-08 | 1.38E-09 | 1.41E-09 | 1.45E-09 | 1.49E-09 |
| 167716.761069173909 | 167716.76 | 3909195.19 | FENCEGRD | 6.13E-08 | 6.27E-08 | 6.35E-08 | 6.36E-08 | 1.45E-08 | 1.66E-08 | 1.70E-09 | 1.76E-09 | 1.81E-09 | 1.87E-09 |
| 167728.209569173909 | 167728.21 | 3909173.43 | FENCEGRD | 6.17E-08 | 6.25E-08 | 6.26E-08 | 6.20E-08 | 1.46E-08 | 1.83E-08 | 2.09E-09 | 2.17E-09 | 2.25E-09 | 2.35E-09 |
| 167739.658069173909 | 167739.66 | 3909151.67 | FENCEGRD | 6.16E-08 | 6.25E-08 | 6.25E-08 | 6.23E-08 | 1.43E-08 | 2.01E-08 | 2.55E-09 | 2.67E-09 | 2.79E-09 | 2.93E-09 |
| 167751.106569173909 | 167751.11 | 3909129.91 | FENCEGRD | 7.08E-08 | 7.46E-08 | 7.89E-08 | 8.38E-08 | 1.39E-08 | 2.23E-08 | 3.08E-09 | 3.23E-09 | 3.39E-09 | 3.57E-09 |
| 167762.555069173909 | 167762.56 | 3909108.14 | FENCEGRD | 9.82E-08 | 1.08E-07 | 1.19E-07 | 1.33E-07 | 1.35E-08 | 2.47E-08 | 3.58E-09 | 3.75E-09 | 3.94E-09 | 4.14E-09 |
| 167774.003569173909 | 167774.00 | 3909086.38 | FENCEGRD | 1.40E-07 | 1.56E-07 | 1.76E-07 | 1.97E-07 | 1.30E-08 | 2.73E-08 | 4.00E-09 | 4.17E-09 | 4.37E-09 | 4.55E-09 |
| 167785.452069173909 | 167785.45 | 3909064.62 | FENCEGRD | 1.87E-07 | 2.08E-07 | 2.34E-07 | 2.59E-07 | 1.25E-08 | 2.99E-08 | 4.30E-09 | 4.46E-09 | 4.62E-09 | 4.77E-09 |
| 167796.900569173909 | 167796.90 | 3909042.86 | FENCEGRD | 2.29E-07 | 2.50E-07 | 2.75E-07 | 2.96E-07 | 1.17E-08 | 3.25E-08 | 4.43E-09 | 4.55E-09 | 4.67E-09 | 4.77E-09 |
| 167808.349069173909 | 167808.35 | 3909021.10 | FENCEGRD | 2.56E-07 | 2.73E-07 | 2.93E-07 | 3.08E-07 | 1.09E-08 | 3.50E-08 | 4.41E-09 | 4.49E-09 | 4.57E-09 | 4.63E-09 |
| 167819.797569173908 | 167819.80 | 3908999.34 | FENCEGRD | 2.68E-07 | 2.81E-07 | 2.95E-07 | 3.05E-07 | 1.00E-08 | 3.80E-08 | 4.31E-09 | 4.35E-09 | 4.39E-09 | 4.42E-09 |
| 167831.246069173908 | 167831.25 | 3908977.57 | FENCEGRD | 2.67E-07 | 2.77E-07 | 2.87E-07 | 2 | | | | | | |

3rd Trimester Dose

| | | | | 3rd Trimester Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167818.253603755390 | 167818.25 | 3909109.66 | FENCEGRD | 8.55E-08 | 9.21E-08 | 9.99E-08 | 1.08E-07 | 1.18E-08 | 1.93E-08 | 2.52E-09 | 2.61E-09 | 2.71E-09 | 2.81E-09 |
| 167829.702103755390 | 167829.70 | 3909087.90 | FENCEGRD | 1.07E-07 | 1.15E-07 | 1.26E-07 | 1.37E-07 | 1.17E-08 | 2.12E-08 | 2.85E-09 | 2.95E-09 | 3.06E-09 | 3.18E-09 |
| 167841.150603755390 | 167841.15 | 3909066.14 | FENCEGRD | 1.30E-07 | 1.42E-07 | 1.56E-07 | 1.70E-07 | 1.14E-08 | 2.35E-08 | 3.15E-09 | 3.26E-09 | 3.38E-09 | 3.49E-09 |
| 167852.599103755390 | 167852.60 | 3909044.38 | FENCEGRD | 1.54E-07 | 1.68E-07 | 1.85E-07 | 2.00E-07 | 1.10E-08 | 2.61E-08 | 3.41E-09 | 3.51E-09 | 3.63E-09 | 3.73E-09 |
| 167864.047603755390 | 167864.05 | 3909022.62 | FENCEGRD | 1.73E-07 | 1.88E-07 | 2.05E-07 | 2.21E-07 | 1.05E-08 | 2.96E-08 | 3.66E-09 | 3.75E-09 | 3.85E-09 | 3.95E-09 |
| 167875.496103755390 | 167875.50 | 3909000.85 | FENCEGRD | 1.63E-07 | 1.77E-07 | 1.93E-07 | 2.08E-07 | 1.02E-08 | 3.41E-08 | 3.90E-09 | 3.99E-09 | 4.08E-09 | 4.16E-09 |
| 167886.944603755390 | 167886.94 | 3908979.09 | FENCEGRD | 1.26E-07 | 1.36E-07 | 1.48E-07 | 1.58E-07 | 9.69E-09 | 3.69E-08 | 3.91E-09 | 3.99E-09 | 4.07E-09 | 4.14E-09 |
| 167898.393103755390 | 167898.39 | 3908957.33 | FENCEGRD | 1.18E-07 | 1.26E-07 | 1.35E-07 | 1.43E-07 | 9.06E-09 | 3.85E-08 | 3.77E-09 | 3.83E-09 | 3.90E-09 | 3.95E-09 |
| 167909.841603755390 | 167909.84 | 3908935.57 | FENCEGRD | 1.18E-07 | 1.25E-07 | 1.33E-07 | 1.39E-07 | 8.49E-09 | 4.03E-08 | 3.62E-09 | 3.67E-09 | 3.72E-09 | 3.76E-09 |
| 167921.290103755390 | 167921.29 | 3908913.81 | FENCEGRD | 1.32E-07 | 1.38E-07 | 1.45E-07 | 1.50E-07 | 8.04E-09 | 4.28E-08 | 3.51E-09 | 3.54E-09 | 3.57E-09 | 3.59E-09 |
| 167716.119382945390 | 167716.12 | 3909381.50 | FENCEGRD | 8.80E-09 | 9.35E-09 | 1.02E-08 | 1.10E-08 | 3.20E-09 | 8.26E-09 | 5.77E-10 | 5.86E-10 | 5.93E-10 | 6.03E-10 |
| 167675.217872155390 | 167675.22 | 3909399.88 | FENCEGRD | 1.99E-08 | 2.16E-08 | 2.39E-08 | 2.60E-08 | 3.52E-09 | 9.63E-09 | 6.21E-10 | 6.40E-10 | 6.63E-10 | 6.86E-10 |
| 167634.316361365390 | 167634.32 | 3909418.25 | FENCEGRD | 3.78E-08 | 3.95E-08 | 4.11E-08 | 4.23E-08 | 2.93E-09 | 1.08E-08 | 7.56E-10 | 7.77E-10 | 8.01E-10 | 8.22E-10 |
| 167593.414850576390 | 167593.41 | 3909436.62 | FENCEGRD | 4.01E-08 | 4.11E-08 | 4.23E-08 | 4.35E-08 | 2.66E-09 | 1.17E-08 | 8.49E-10 | 8.58E-10 | 8.70E-10 | 8.82E-10 |
| 167552.513339786390 | 167552.51 | 3909454.99 | FENCEGRD | 4.35E-08 | 4.54E-08 | 4.78E-08 | 5.01E-08 | 3.31E-09 | 1.28E-08 | 9.00E-10 | 9.21E-10 | 9.44E-10 | 9.69E-10 |
| 167387.213968908390 | 167387.21 | 3909314.50 | FENCEGRD | 1.45E-07 | 1.47E-07 | 1.48E-07 | 1.49E-07 | 6.87E-09 | 3.78E-08 | 3.50E-09 | 3.50E-09 | 3.50E-09 | 3.49E-09 |
| 167373.391984454390 | 167373.39 | 3909296.85 | FENCEGRD | 1.56E-07 | 1.56E-07 | 1.54E-07 | 1.53E-07 | 5.21E-09 | 4.04E-08 | 3.48E-09 | 3.45E-09 | 3.42E-09 | 3.37E-09 |
| 167748.018638343909 | 167748.02 | 3909350.56 | FENCEGRD | 1.01E-08 | 1.05E-08 | 1.10E-08 | 1.16E-08 | 3.58E-09 | 8.64E-09 | 6.90E-10 | 6.99E-10 | 7.07E-10 | 7.15E-10 |
| 167759.467138343909 | 167759.47 | 3909328.79 | FENCEGRD | 1.15E-08 | 1.18E-08 | 1.22E-08 | 1.28E-08 | 4.07E-09 | 9.02E-09 | 7.54E-10 | 7.67E-10 | 7.78E-10 | 7.90E-10 |
| 167770.915638343909 | 167770.92 | 3909307.03 | FENCEGRD | 1.41E-08 | 1.46E-08 | 1.53E-08 | 1.60E-08 | 4.70E-09 | 9.50E-09 | 8.13E-10 | 8.29E-10 | 8.44E-10 | 8.60E-10 |
| 167782.364138343909 | 167782.36 | 3909285.27 | FENCEGRD | 2.11E-08 | 2.22E-08 | 2.37E-08 | 2.52E-08 | 5.44E-09 | 1.02E-08 | 8.78E-10 | 8.94E-10 | 9.11E-10 | 9.29E-10 |
| 167793.812638343909 | 167793.81 | 3909263.51 | FENCEGRD | 2.93E-08 | 3.10E-08 | 3.31E-08 | 3.52E-08 | 6.13E-09 | 1.07E-08 | 9.25E-10 | 9.41E-10 | 9.58E-10 | 9.75E-10 |
| 167805.261138343909 | 167805.26 | 3909241.75 | FENCEGRD | 3.66E-08 | 3.85E-08 | 4.08E-08 | 4.31E-08 | 6.82E-09 | 1.10E-08 | 9.67E-10 | 9.84E-10 | 1.00E-09 | 1.02E-09 |
| 167816.709638343909 | 167816.71 | 3909219.99 | FENCEGRD | 3.99E-08 | 4.19E-08 | 4.44E-08 | 4.67E-08 | 7.58E-09 | 1.16E-08 | 1.05E-09 | 1.07E-09 | 1.09E-09 | 1.11E-09 |
| 167828.158138343909 | 167828.16 | 3909198.23 | FENCEGRD | 4.18E-08 | 4.40E-08 | 4.67E-08 | 4.93E-08 | 8.30E-09 | 1.23E-08 | 1.18E-09 | 1.20E-09 | 1.23E-09 | 1.26E-09 |
| 167839.606638343909 | 167839.61 | 3909176.46 | FENCEGRD | 4.54E-08 | 4.78E-08 | 5.08E-08 | 5.35E-08 | 8.89E-09 | 1.32E-08 | 1.34E-09 | 1.38E-09 | 1.41E-09 | 1.45E-09 |
| 167851.055138343909 | 167851.06 | 3909154.70 | FENCEGRD | 4.98E-08 | 5.27E-08 | 5.62E-08 | 5.96E-08 | 9.32E-09 | 1.42E-08 | 1.53E-09 | 1.57E-09 | 1.62E-09 | 1.66E-09 |
| 167862.503638343909 | 167862.50 | 3909132.94 | FENCEGRD | 5.78E-08 | 6.18E-08 | 6.65E-08 | 7.12E-08 | 9.62E-09 | 1.52E-08 | 1.73E-09 | 1.78E-09 | 1.83E-09 | 1.89E-09 |
| 167873.952138343909 | 167873.95 | 3909111.18 | FENCEGRD | 6.93E-08 | 7.44E-08 | 8.05E-08 | 8.64E-08 | 9.81E-09 | 1.64E-08 | 1.94E-09 | 2.00E-09 | 2.06E-09 | 2.12E-09 |
| 167885.400638343909 | 167885.40 | 3909089.42 | FENCEGRD | 8.23E-08 | 8.84E-08 | 9.56E-08 | 1.03E-07 | 9.91E-09 | 1.79E-08 | 2.17E-09 | 2.23E-09 | 2.30E-09 | 2.37E-09 |
| 167896.849138343909 | 167896.85 | 3909067.66 | FENCEGRD | 9.42E-08 | 1.01E-07 | 1.10E-07 | 1.18E-07 | 9.92E-09 | 1.98E-08 | 2.41E-09 | 2.48E-09 | 2.56E-09 | 2.64E-09 |
| 167908.297638343909 | 167908.30 | 3909045.90 | FENCEGRD | 1.03E-07 | 1.12E-07 | 1.22E-07 | 1.32E-07 | 9.82E-09 | 2.20E-08 | 2.64E-09 | 2.72E-09 | 2.81E-09 | 2.90E-09 |
| 167919.746138343909 | 167919.75 | 3909024.13 | FENCEGRD | 1.10E-07 | 1.19E-07 | 1.31E-07 | 1.42E-07 | 9.65E-09 | 2.44E-08 | 2.85E-09 | 2.93E-09 | 3.02E-09 | 3.11E-09 |
| 167931.194638343909 | 167931.19 | 3909002.37 | FENCEGRD | 1.16E-07 | 1.25E-07 | 1.37E-07 | 1.47E-07 | 9.42E-09 | 2.66E-08 | 3.00E-09 | 3.08E-09 | 3.16E-09 | 3.24E-09 |
| 167942.643138343908 | 167942.64 | 3908980.61 | FENCEGRD | 1.23E-07 | 1.32E-07 | 1.43E-07 | 1.52E-07 | 9.11E-09 | 2.85E-08 | 3.08E-09 | 3.14E-09 | 3.22E-09 | 3.28E-09 |
| 167954.091638343908 | 167954.09 | 3908958.85 | FENCEGRD | 1.32E-07 | 1.40E-07 | 1.49E-07 | 1.57E-07 | 8.78E-09 | 3.02E-08 | 3.09E-09 | 3.15E-09 | 3.20E-09 | 3.26E-09 |
| 167965.540138343908 | 167965.54 | 3908937.09 | FENCEGRD | 1.39E-07 | 1.46E-07 | 1.54E-07 | 1.60E-07 | 8.45E-09 | 3.17E-08 | 3.06E-09 | 3.11E-09 | 3.15E-09 | 3.19E-09 |
| 167759.189566257390 | 167759.19 | 3909405.31 | FENCEGRD | 4.37E-09 | 4.36E-09 | 4.36E-09 | 4.38E-09 | 1.43E-09 | 4.33E-09 | 2.94E-10 | 2.98E-10 | 3.00E-10 | 3.04E-10 |
| 167737.558959589390 | 167737.56 | 3909415.03 | FENCEGRD | 4.57E-09 | 4.66E-09 | 4.79E-09 | 4.94E-09 | 1.78E-09 | 5.22E-09 | 3.38E-10 | 3.43E-10 | 3.47E-10 | 3.52E-10 |
| 167715.928352922390 | 167715.93 | 3909424.75 | FENCEGRD | 6.81E-09 | 7.18E-09 | 7.73E-09 | 8.26E-09 | 2.35E-09 | 6.67E-09 | 4.18E-10 | 4.26E-10 | 4.35E-10 | 4.44E-10 |
| 167694.297746254390 | 167694.30 | 3909434.46 | FENCEGRD | 1.42E-08 | 1.52E-08 | 1.67E-08 | 1.80E-08 | 2.76E-09 | 8.14E-09 | 5.04E-10 | 5.17E-10 | 5.32E-10 | 5.48E-10 |
| 167672.667139586390 | 167672.67 | 3909444.18 | FENCEGRD | 2.38E-08 | 2.55E-08 | 2.76E-08 | 2.95E-08 | 2.67E-09 | 8.94E-09 | 5.66E-10 | 5.83E-10 | 6.03E-10 | 6.22E-10 |
| 167651.036532919390 | 167651.04 | 3909453.89 | FENCEGRD | 3.09E-08 | 3.25E-08 | 3.43E-08 | 3.57E-08 | 2.40E-09 | 9.45E-09 | 6.31E-10 | 6.49E-10 | 6.70E-10 | 6.89E-10 |
| 167629.405926251390 | 167629.41 | 3909463.61 | FENCEGRD | 3.44E-08 | 3.55E-08 | 3.65E-08 | 3.73E-08 | 2.21E-09 | 9.92E-09 | 6.99E-10 | 7.14E-10 | 7.34E-10 | 7.44E-10 |
| 167607.775319583390 | 167607.78 | 3909473.33 | FENCEGRD | 3.54E-08 | 3.61E-08 | 3.69E-08 | 3.77E-08 | 2.19E-09 | 1.04E-08 | 7.52E-10 | 7.61E-10 | 7.71E-10 | 7.80E-10 |
| 167586.144712916390 | 167586.14 | 3909483.04 | FENCEGRD | 3.58E-08 | 3.67E-08 | 3.78E-08 | 3.89E-08 | 2.38E-09 | 1.08E-08 | 7.73E-10 | 7.80E-10 | 7.89E-10 | 7.98E-10 |
| 167564.514106248390 | 167564.51 | 3909492.76 | FENCEGRD | 3.70E-08 | 3.82E-08 | 3.98E-08 | 4.14E-08 | 2.74E-09 | 1.12E-08 | 7.84E-10 | 7.95E-10 | 8.09E-10 | 8.23E-10 |
| 167542.883499583909 | 167542.88 | 3909502.47 | FENCEGRD | 3.96E-08 | 4.12E-08 | 4.33E-08 | 4.53E-08 | 3.08E-09 | 1.18E-08 | 8.24E-10 | 8.42E-10 | 8.62E-10 | 8.82E-10 |
| 167521.252892913390 | 167521.25 | 3909512.19 | FENCEGRD | 4.38E-08 | 4.58E-08 | 4.83E-08 | 5.07E-08 | 3.40E-09 | 1.28E-08 | 9.11E-10 | 9.34E-10 | 9.59E-10 | 9.84E-10 |
| 167411.905846443909 | 167411.91 | 3909409.89 | FENCEGRD | 9.77E-08 | 9.91E-08 | 1.00E-07 | 1.02E-07 | 1.19E-08 | 2.62E-08 | 2.17E-09 | 2.20E-09 | 2.23E-09 | 2.26E-09 |
| 167397.286439805390 | 167397.29 | 3909391.22 | FENCEGRD | 1.05E-07 | 1.07E-07 | 1.09E-07 | 1.11E-07 | 1.19E-08 | 2.83E-08 | 2.44E-09 | 2.48E-09 | 2.52E-09 | 2.56E-09 |
| 167382.667033171390 | 167382.67 | 3909372.55 | FENCEGRD | 1.16E-07 | 1.18E-07 | 1.20E-07 | 1.22E-07 | 1.08E-08 | 3.09E-08 | 2.78E-09 | 2.82E-09 | 2.87E-09 | 2.91E-09 |
| 167368.047626537390 | 167368.05 | 3909353.88 | FENCEGRD | 1.28E-07 | 1.30E-07 | 1.32E-07 | 1.33E-07 | 9.17E-09 | 3.37E-08 | 3.09E-09 | 3.12E-09 | 3.15E-09 | 3.17E-09 |
| 167353.428219903390 | 167353.43 | 3909335.21 | FENCEGRD | 1.40E-07 | 1.41E-07 | 1.41E-07 | 1.41E-07 | 7.43E-09 | 3.65E-08 | 3.27E-09 | 3.27E-09 | 3.27E-09 | 3.26E-09 |
| 167338.808813268390 | 167338.81 | 3909316.54 | FENCEGRD | 1.48E-07 | 1.47E-07 | 1.46E-07 | 1.44E-07 | 5.85E-09 | 3.88E-08 | 3.24E-09 | 3.22E-09 | 3.19E-09 | 3.15E-09 |
| 167324.189406634390 | 167324.19 | 3909297.87 | FENCEGRD | 1.48E-07 | 1.46E-07 | 1.43E-07 | 1.40E-07 | 4.51E-09 | 3.99E-08 | 3.02E-09 | 2.98E-09 | 2.93E-09 | 2.88E-09 |
| 167780.820172925390 | 167780.82 | 3909395.60 | FENCEGRD | 4.65E-09 | 4.58E-09 | 4.51E-09 | 4.47E-09 | 1.24E-09 | 3.76E-09 | 2.67E-10 | 2.71E-10 | 2.73E-10 | 2.76E-10 |
| 167792.268672925390 | 167792.27 | 3909373.84 | FENCEGRD | 5.15E-09 | 5.07E-09 | 4.97E-09 | 4.89E-09 | 1.40E-09 | 3.97E-09 | 2.98E-10 | 3.03E-10 | 3.07E-10 | 3.11E-10 |
| 167803.717172925390 | 167803.72 | 3909352.07 | FENCEGRD | 5.55E-09 | 5.51E-09 | 5.45E-09 | 5.39E-09 | 1.65E-09 | 4.31E-09 | 3.38E-10 | 3.44E-10 | 3.50E-10 | 3.57E-10 |
| 167815.165672925390 | 167815.17 | 3909330.31 | FENCEGRD | 5.75E-09 | 5.76E-09 | 5.79E-09 | 5.80E-09 | 2.21E-09 | 5.22E-09 | 4.27E-10 | 4.36E-10 | 4.44E-10 | 4.53E-10 |
| 167826.614172925390 | 167826.61 | 3909308.55 | FENCEGRD | 7.10E-09 | 7.22E-09 | 7.42E-09 | 7.62E-09 | 3.14E-09 | 6.75E-09 | 5.72E-10 | 5.84E-10 | 5.95E-10 | 6.07E-10 |
| 167838.062672925390 | 167838.06 | 3909286.79 | FENCEGRD | 1.12E-08 | 1.16E-08 | 1.22E-08 | 1.28E-08 | 3.98E-09 | 8. | | | | |

3rd Trimester Dose

| | | | | 3rd Trimester Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167656.351475502390 | 167656.35 | 3909494.66 | FENCEGRD | 2.71E-08 | 2.85E-08 | 3.00E-08 | 3.12E-08 | 1.98E-09 | 8.63E-09 | 5.71E-10 | 5.86E-10 | 6.03E-10 | 6.19E-10 |
| 167635.261634001390 | 167635.26 | 3909504.14 | FENCEGRD | 2.99E-08 | 3.09E-08 | 3.19E-08 | 3.27E-08 | 1.90E-09 | 9.06E-09 | 6.36E-10 | 6.50E-10 | 6.64E-10 | 6.76E-10 |
| 167614.171792539095 | 167614.17 | 3909513.61 | FENCEGRD | 3.11E-08 | 3.18E-08 | 3.25E-08 | 3.31E-08 | 1.95E-09 | 9.43E-09 | 6.86E-10 | 6.95E-10 | 7.04E-10 | 7.12E-10 |
| 167593.081950999390 | 167593.08 | 3909523.08 | FENCEGRD | 3.16E-08 | 3.22E-08 | 3.29E-08 | 3.37E-08 | 2.15E-09 | 9.73E-09 | 7.06E-10 | 7.12E-10 | 7.18E-10 | 7.24E-10 |
| 167571.992109498390 | 167571.99 | 3909532.55 | FENCEGRD | 3.24E-08 | 3.32E-08 | 3.43E-08 | 3.54E-08 | 2.43E-09 | 1.00E-08 | 7.09E-10 | 7.16E-10 | 7.24E-10 | 7.33E-10 |
| 167550.902267997390 | 167550.90 | 3909542.03 | FENCEGRD | 3.42E-08 | 3.54E-08 | 3.69E-08 | 3.84E-08 | 2.68E-09 | 1.05E-08 | 7.28E-10 | 7.39E-10 | 7.52E-10 | 7.66E-10 |
| 167529.812426496390 | 167529.81 | 3909551.50 | FENCEGRD | 3.71E-08 | 3.87E-08 | 4.06E-08 | 4.24E-08 | 2.89E-09 | 1.12E-08 | 7.81E-10 | 7.98E-10 | 8.16E-10 | 8.35E-10 |
| 167508.722584995390 | 167508.72 | 3909560.97 | FENCEGRD | 4.14E-08 | 4.32E-08 | 4.55E-08 | 4.76E-08 | 3.25E-09 | 1.23E-08 | 8.75E-10 | 8.97E-10 | 9.19E-10 | 9.41E-10 |
| 167416.363136152390 | 167416.36 | 3909479.43 | FENCEGRD | 7.92E-08 | 8.05E-08 | 8.16E-08 | 8.24E-08 | 7.67E-09 | 2.15E-08 | 1.72E-09 | 1.73E-09 | 1.76E-09 | 1.78E-09 |
| 167402.109214684390 | 167402.11 | 3909461.23 | FENCEGRD | 8.43E-08 | 8.55E-08 | 8.64E-08 | 8.72E-08 | 8.95E-09 | 2.32E-08 | 1.85E-09 | 1.87E-09 | 1.89E-09 | 1.91E-09 |
| 167387.855293216390 | 167387.86 | 3909443.03 | FENCEGRD | 9.00E-08 | 9.12E-08 | 9.22E-08 | 9.32E-08 | 1.03E-08 | 2.48E-08 | 2.01E-09 | 2.03E-09 | 2.05E-09 | 2.08E-09 |
| 167373.601371747390 | 167373.60 | 3909424.82 | FENCEGRD | 9.69E-08 | 9.83E-08 | 9.97E-08 | 1.01E-07 | 1.10E-08 | 2.66E-08 | 2.22E-09 | 2.25E-09 | 2.28E-09 | 2.32E-09 |
| 167359.347450279390 | 167359.35 | 3909406.62 | FENCEGRD | 1.04E-07 | 1.06E-07 | 1.08E-07 | 1.09E-07 | 1.08E-08 | 2.84E-08 | 2.47E-09 | 2.50E-09 | 2.54E-09 | 2.57E-09 |
| 167345.093528813909 | 167345.09 | 3909388.42 | FENCEGRD | 1.12E-07 | 1.15E-07 | 1.16E-07 | 1.18E-07 | 9.94E-09 | 3.04E-08 | 2.72E-09 | 2.75E-09 | 2.78E-09 | 2.81E-09 |
| 167330.839607342390 | 167330.84 | 3909370.21 | FENCEGRD | 1.22E-07 | 1.23E-07 | 1.25E-07 | 1.25E-07 | 8.67E-09 | 3.25E-08 | 2.91E-09 | 2.93E-09 | 2.94E-09 | 2.95E-09 |
| 167316.585685874390 | 167316.59 | 3909352.01 | FENCEGRD | 1.29E-07 | 1.30E-07 | 1.30E-07 | 1.30E-07 | 7.28E-09 | 3.44E-08 | 2.97E-09 | 2.97E-09 | 2.97E-09 | 2.95E-09 |
| 167302.331764405390 | 167302.33 | 3909333.81 | FENCEGRD | 1.34E-07 | 1.33E-07 | 1.32E-07 | 1.30E-07 | 5.99E-09 | 3.61E-08 | 2.93E-09 | 2.90E-09 | 2.88E-09 | 2.85E-09 |
| 167288.077842937390 | 167288.08 | 3909315.61 | FENCEGRD | 1.34E-07 | 1.32E-07 | 1.30E-07 | 1.27E-07 | 4.85E-09 | 3.72E-08 | 2.77E-09 | 2.73E-09 | 2.70E-09 | 2.66E-09 |
| 167273.823921468390 | 167273.82 | 3909297.40 | FENCEGRD | 1.30E-07 | 1.27E-07 | 1.23E-07 | 1.20E-07 | 3.90E-09 | 3.75E-08 | 2.54E-09 | 2.49E-09 | 2.45E-09 | 2.41E-09 |
| 167825.070207513909 | 167825.07 | 3909418.88 | FENCEGRD | 5.05E-09 | 4.99E-09 | 4.91E-09 | 4.85E-09 | 5.02E-10 | 1.81E-09 | 1.26E-10 | 1.27E-10 | 1.27E-10 | 1.28E-10 |
| 167836.518707513909 | 167836.52 | 3909397.12 | FENCEGRD | 5.43E-09 | 5.41E-09 | 5.36E-09 | 5.32E-09 | 5.36E-10 | 1.84E-09 | 1.32E-10 | 1.33E-10 | 1.34E-10 | 1.35E-10 |
| 167847.967207513909 | 167847.97 | 3909375.35 | FENCEGRD | 5.50E-09 | 5.52E-09 | 5.53E-09 | 5.53E-09 | 6.02E-10 | 1.94E-09 | 1.43E-10 | 1.44E-10 | 1.45E-10 | 1.47E-10 |
| 167859.415707509390 | 167859.42 | 3909353.59 | FENCEGRD | 5.33E-09 | 5.35E-09 | 5.37E-09 | 5.39E-09 | 8.10E-10 | 2.33E-09 | 1.78E-10 | 1.80E-10 | 1.82E-10 | 1.84E-10 |
| 167870.864207509390 | 167870.86 | 3909331.83 | FENCEGRD | 5.21E-09 | 5.22E-09 | 5.23E-09 | 5.24E-09 | 1.37E-09 | 3.41E-09 | 2.76E-10 | 2.81E-10 | 2.86E-10 | 2.90E-10 |
| 167882.312707509390 | 167882.31 | 3909310.07 | FENCEGRD | 5.64E-09 | 5.67E-09 | 5.72E-09 | 5.77E-09 | 2.13E-09 | 4.84E-09 | 4.09E-10 | 4.17E-10 | 4.24E-10 | 4.31E-10 |
| 167893.761207509390 | 167893.76 | 3909288.31 | FENCEGRD | 6.82E-09 | 6.91E-09 | 7.03E-09 | 7.16E-09 | 2.66E-09 | 5.67E-09 | 4.86E-10 | 4.95E-10 | 5.04E-10 | 5.13E-10 |
| 167905.209707509390 | 167905.21 | 3909266.55 | FENCEGRD | 7.10E-09 | 7.19E-09 | 7.31E-09 | 7.44E-09 | 2.91E-09 | 5.78E-09 | 4.95E-10 | 5.05E-10 | 5.14E-10 | 5.24E-10 |
| 167916.658207509390 | 167916.66 | 3909244.78 | FENCEGRD | 7.19E-09 | 7.28E-09 | 7.41E-09 | 7.54E-09 | 3.19E-09 | 5.96E-09 | 5.16E-10 | 5.27E-10 | 5.37E-10 | 5.48E-10 |
| 167928.106707509390 | 167928.11 | 3909223.02 | FENCEGRD | 8.42E-09 | 8.60E-09 | 8.84E-09 | 9.09E-09 | 3.76E-09 | 6.82E-09 | 6.03E-10 | 6.17E-10 | 6.29E-10 | 6.43E-10 |
| 167939.555207509390 | 167939.56 | 3909201.26 | FENCEGRD | 1.11E-08 | 1.15E-08 | 1.19E-08 | 1.24E-08 | 4.44E-09 | 8.02E-09 | 7.27E-10 | 7.43E-10 | 7.59E-10 | 7.76E-10 |
| 167951.003707513909 | 167951.00 | 3909179.50 | FENCEGRD | 1.46E-08 | 1.52E-08 | 1.60E-08 | 1.68E-08 | 5.04E-09 | 9.23E-09 | 8.61E-10 | 8.83E-10 | 9.03E-10 | 9.25E-10 |
| 167962.452207513909 | 167962.45 | 3909157.74 | FENCEGRD | 1.90E-08 | 2.00E-08 | 2.13E-08 | 2.27E-08 | 5.55E-09 | 1.04E-08 | 1.00E-09 | 1.03E-09 | 1.05E-09 | 1.08E-09 |
| 167973.900707513909 | 167973.90 | 3909135.98 | FENCEGRD | 2.47E-08 | 2.62E-08 | 2.81E-08 | 3.00E-08 | 5.99E-09 | 1.14E-08 | 1.14E-09 | 1.16E-09 | 1.19E-09 | 1.22E-09 |
| 167985.349207513909 | 167985.35 | 3909114.22 | FENCEGRD | 3.07E-08 | 3.27E-08 | 3.52E-08 | 3.77E-08 | 6.35E-09 | 1.24E-08 | 1.26E-09 | 1.29E-09 | 1.32E-09 | 1.36E-09 |
| 167996.797707513909 | 167996.80 | 3909092.45 | FENCEGRD | 3.88E-08 | 4.14E-08 | 4.46E-08 | 4.77E-08 | 6.66E-09 | 1.35E-08 | 1.38E-09 | 1.41E-09 | 1.45E-09 | 1.48E-09 |
| 168008.246207513909 | 168008.25 | 3909070.69 | FENCEGRD | 4.81E-08 | 5.11E-08 | 5.47E-08 | 5.81E-08 | 6.90E-09 | 1.44E-08 | 1.50E-09 | 1.53E-09 | 1.57E-09 | 1.60E-09 |
| 168019.694707513909 | 168019.69 | 3909048.93 | FENCEGRD | 5.63E-08 | 5.95E-08 | 6.34E-08 | 6.70E-08 | 7.07E-09 | 1.54E-08 | 1.61E-09 | 1.65E-09 | 1.69E-09 | 1.73E-09 |
| 168031.143207513909 | 168031.14 | 3909027.17 | FENCEGRD | 6.33E-08 | 6.68E-08 | 7.11E-08 | 7.52E-08 | 7.18E-09 | 1.65E-08 | 1.72E-09 | 1.77E-09 | 1.81E-09 | 1.85E-09 |
| 168042.591707513909 | 168042.59 | 3909005.41 | FENCEGRD | 7.03E-08 | 7.43E-08 | 7.92E-08 | 8.38E-08 | 7.26E-09 | 1.76E-08 | 1.84E-09 | 1.88E-09 | 1.93E-09 | 1.98E-09 |
| 168054.040207513908 | 168054.04 | 3908983.65 | FENCEGRD | 7.79E-08 | 8.24E-08 | 8.78E-08 | 9.27E-08 | 7.33E-09 | 1.87E-08 | 1.96E-09 | 2.00E-09 | 2.05E-09 | 2.09E-09 |
| 167892.145675789390 | 167892.15 | 3909475.06 | FENCEGRD | 5.10E-09 | 5.09E-09 | 5.07E-09 | 5.06E-09 | 3.88E-10 | 1.42E-09 | 1.06E-10 | 1.06E-10 | 1.06E-10 | 1.07E-10 |
| 167870.721074939094 | 167870.72 | 3909484.68 | FENCEGRD | 4.78E-09 | 4.75E-09 | 4.70E-09 | 4.66E-09 | 3.87E-10 | 1.45E-09 | 1.05E-10 | 1.05E-10 | 1.06E-10 | 1.06E-10 |
| 167849.296474013909 | 167849.30 | 3909494.31 | FENCEGRD | 4.39E-09 | 4.35E-09 | 4.30E-09 | 4.27E-09 | 3.89E-10 | 1.50E-09 | 1.03E-10 | 1.03E-10 | 1.03E-10 | 1.03E-10 |
| 167827.871873123909 | 167827.87 | 3909503.93 | FENCEGRD | 4.07E-09 | 4.05E-09 | 4.02E-09 | 4.01E-09 | 4.03E-10 | 1.59E-09 | 1.01E-10 | 1.01E-10 | 1.01E-10 | 1.01E-10 |
| 167806.447272233909 | 167806.45 | 3909513.55 | FENCEGRD | 3.89E-09 | 3.89E-09 | 3.90E-09 | 3.91E-09 | 4.55E-10 | 1.83E-09 | 1.05E-10 | 1.05E-10 | 1.05E-10 | 1.06E-10 |
| 167785.022671343909 | 167785.02 | 3909523.18 | FENCEGRD | 3.86E-09 | 3.89E-09 | 3.94E-09 | 3.99E-09 | 6.32E-10 | 2.46E-09 | 1.33E-10 | 1.35E-10 | 1.36E-10 | 1.37E-10 |
| 167763.598070453909 | 167763.60 | 3909532.80 | FENCEGRD | 4.21E-09 | 4.32E-09 | 4.47E-09 | 4.61E-09 | 9.67E-10 | 3.53E-09 | 1.92E-10 | 1.96E-10 | 1.99E-10 | 2.02E-10 |
| 167742.173469563909 | 167742.17 | 3909542.42 | FENCEGRD | 6.00E-09 | 6.27E-09 | 6.64E-09 | 6.99E-09 | 1.32E-09 | 4.74E-09 | 2.66E-10 | 2.71E-10 | 2.77E-10 | 2.84E-10 |
| 167720.748868671390 | 167720.75 | 3909552.05 | FENCEGRD | 9.23E-09 | 9.74E-09 | 1.04E-08 | 1.11E-08 | 1.51E-09 | 5.72E-09 | 3.32E-10 | 3.40E-10 | 3.49E-10 | 3.58E-10 |
| 167699.324267781390 | 167699.32 | 3909561.67 | FENCEGRD | 1.27E-08 | 1.34E-08 | 1.44E-08 | 1.53E-08 | 1.53E-09 | 6.40E-09 | 3.90E-10 | 4.00E-10 | 4.11E-10 | 4.22E-10 |
| 167677.899666891390 | 167677.90 | 3909571.29 | FENCEGRD | 1.58E-08 | 1.67E-08 | 1.78E-08 | 1.87E-08 | 1.50E-09 | 6.90E-09 | 4.47E-10 | 4.58E-10 | 4.71E-10 | 4.84E-10 |
| 167656.475066001390 | 167656.48 | 3909580.92 | FENCEGRD | 1.88E-08 | 1.97E-08 | 2.07E-08 | 2.16E-08 | 1.51E-09 | 7.33E-09 | 5.06E-10 | 5.18E-10 | 5.31E-10 | 5.43E-10 |
| 167635.050465111390 | 167635.05 | 3909590.54 | FENCEGRD | 2.24E-08 | 2.31E-08 | 2.38E-08 | 2.44E-08 | 1.60E-09 | 7.74E-09 | 5.61E-10 | 5.70E-10 | 5.81E-10 | 5.89E-10 |
| 167613.625864221390 | 167613.63 | 3909600.17 | FENCEGRD | 2.44E-08 | 2.49E-08 | 2.53E-08 | 2.58E-08 | 1.74E-09 | 8.04E-09 | 5.92E-10 | 5.98E-10 | 6.03E-10 | 6.08E-10 |
| 167592.201263331390 | 167592.20 | 3909609.79 | FENCEGRD | 2.56E-08 | 2.60E-08 | 2.65E-08 | 2.70E-08 | 1.93E-09 | 8.29E-09 | 6.00E-10 | 6.03E-10 | 6.07E-10 | 6.11E-10 |
| 167570.776662442390 | 167570.78 | 3909619.41 | FENCEGRD | 2.70E-08 | 2.76E-08 | 2.83E-08 | 2.91E-08 | 2.12E-09 | 8.65E-09 | 6.07E-10 | 6.12E-10 | 6.16E-10 | 6.22E-10 |
| 167549.352061552390 | 167549.35 | 3909629.04 | FENCEGRD | 2.91E-08 | 2.99E-08 | 3.11E-08 | 3.22E-08 | 2.33E-09 | 9.19E-09 | 6.34E-10 | 6.43E-10 | 6.51E-10 | 6.61E-10 |
| 167527.927460662390 | 167527.93 | 3909638.66 | FENCEGRD | 3.20E-08 | 3.31E-08 | 3.46E-08 | 3.59E-08 | 2.57E-09 | 9.96E-09 | 6.91E-10 | 7.03E-10 | 7.16E-10 | 7.30E-10 |
| 167518.002116919390 | 167518.00 | 3909600.16 | FENCEGRD | 3.59E-08 | 3.74E-08 | 3.92E-08 | 4.09E-08 | 2.83E-09 | 1.10E-08 | 7.66E-10 | 7.82E-10 | 7.99E-10 | 8.17E-10 |
| 167385.289837416390 | 167385.29 | 3909619.12 | FENCEGRD | 5.01E-08 | 5.10E-08 | 5.17E-08 | 5.24E-08 | 4.32E-09 | 1.55E-08 | 1.14E-09 | 1.15E-09 | 1.16E-09 | 1.17E-09 |
| 167391.252787042390 | 167391.25 | 3909575.07 | FENCEGRD | 5.88E-08 | 5.98E-08 | 6.07E-08 | 6.14E-08 | 5.18E-09 | 1.75E-08 | 1.32E-09 | 1.33E-09 | 1.35E-09 | 1.36E-09 |
| 167376.772612852390 | 167376.77 | 3909556.58 | FENCEGRD | 6.40E-08 | 6.50E-08 | 6.58E-08 | 6 | | | | | | |

3rd Trimester Dose

| | | | | 3rd Trimester Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.158276679390 | 168005.16 | 3909291.34 | FENCEGRD | 5.76E-09 | 5.80E-09 | 5.84E-09 | 5.88E-09 | 1.20E-09 | 2.95E-09 | 2.32E-10 | 2.36E-10 | 2.39E-10 | 2.42E-10 |
| 168016.606776679390 | 168016.61 | 3909269.58 | FENCEGRD | 6.23E-09 | 6.30E-09 | 6.39E-09 | 6.48E-09 | 1.72E-09 | 4.02E-09 | 3.20E-10 | 3.26E-10 | 3.31E-10 | 3.36E-10 |
| 168028.055276679390 | 168028.06 | 3909247.82 | FENCEGRD | 7.66E-09 | 7.82E-09 | 8.02E-09 | 8.21E-09 | 2.24E-09 | 5.14E-09 | 4.12E-10 | 4.19E-10 | 4.25E-10 | 4.32E-10 |
| 168039.503776679390 | 168039.50 | 3909226.06 | FENCEGRD | 9.59E-09 | 9.85E-09 | 1.02E-08 | 1.05E-08 | 2.67E-09 | 6.07E-09 | 4.90E-10 | 4.98E-10 | 5.06E-10 | 5.15E-10 |
| 168050.952276679390 | 168050.95 | 3909204.30 | FENCEGRD | 1.17E-08 | 1.21E-08 | 1.26E-08 | 1.31E-08 | 3.04E-09 | 6.90E-09 | 5.67E-10 | 5.78E-10 | 5.88E-10 | 5.99E-10 |
| 168062.400776679390 | 168062.40 | 3909182.54 | FENCEGRD | 1.45E-08 | 1.51E-08 | 1.58E-08 | 1.65E-08 | 3.38E-09 | 7.70E-09 | 6.52E-10 | 6.65E-10 | 6.77E-10 | 6.90E-10 |
| 168073.849276679390 | 168073.85 | 3909160.77 | FENCEGRD | 1.79E-08 | 1.87E-08 | 1.98E-08 | 2.08E-08 | 3.69E-09 | 8.42E-09 | 7.39E-10 | 7.53E-10 | 7.68E-10 | 7.83E-10 |
| 168085.297776679390 | 168085.30 | 3909139.01 | FENCEGRD | 2.21E-08 | 2.31E-08 | 2.44E-08 | 2.57E-08 | 3.97E-09 | 9.10E-09 | 8.24E-10 | 8.41E-10 | 8.57E-10 | 8.74E-10 |
| 168096.746276679390 | 168096.75 | 3909117.25 | FENCEGRD | 2.65E-08 | 2.78E-08 | 2.94E-08 | 3.09E-08 | 4.23E-09 | 9.74E-09 | 9.04E-10 | 9.21E-10 | 9.39E-10 | 9.57E-10 |
| 168108.194776679390 | 168108.19 | 3909095.49 | FENCEGRD | 3.15E-08 | 3.30E-08 | 3.49E-08 | 3.67E-08 | 4.50E-09 | 1.04E-08 | 9.78E-10 | 9.96E-10 | 1.01E-09 | 1.03E-09 |
| 168119.643276679390 | 168119.64 | 3909073.73 | FENCEGRD | 3.64E-08 | 3.82E-08 | 4.03E-08 | 4.22E-08 | 4.76E-09 | 1.10E-08 | 1.05E-09 | 1.07E-09 | 1.09E-09 | 1.10E-09 |
| 168131.091776679390 | 168131.09 | 3909051.97 | FENCEGRD | 4.11E-08 | 4.29E-08 | 4.51E-08 | 4.71E-08 | 5.01E-09 | 1.16E-08 | 1.12E-09 | 1.14E-09 | 1.16E-09 | 1.18E-09 |
| 168142.540276679390 | 168142.54 | 3909030.21 | FENCEGRD | 4.51E-08 | 4.71E-08 | 4.93E-08 | 5.15E-08 | 5.24E-09 | 1.24E-08 | 1.19E-09 | 1.21E-09 | 1.23E-09 | 1.25E-09 |
| 167980.439739182390 | 167980.44 | 3909521.71 | FENCEGRD | 4.81E-09 | 4.85E-09 | 4.89E-09 | 4.93E-09 | 3.53E-10 | 1.30E-09 | 9.67E-11 | 9.72E-11 | 9.78E-11 | 9.83E-11 |
| 167958.809132514390 | 167958.81 | 3909531.43 | FENCEGRD | 4.84E-09 | 4.87E-09 | 4.88E-09 | 4.90E-09 | 3.46E-10 | 1.29E-09 | 9.67E-11 | 9.71E-11 | 9.75E-11 | 9.80E-11 |
| 167937.178525846390 | 167937.18 | 3909541.14 | FENCEGRD | 4.71E-09 | 4.71E-09 | 4.69E-09 | 4.69E-09 | 3.43E-10 | 1.29E-09 | 9.65E-11 | 9.68E-11 | 9.71E-11 | 9.74E-11 |
| 167915.547919179390 | 167915.55 | 3909550.86 | FENCEGRD | 4.43E-09 | 4.41E-09 | 4.37E-09 | 4.35E-09 | 3.41E-10 | 1.29E-09 | 9.54E-11 | 9.55E-11 | 9.56E-11 | 9.57E-11 |
| 167893.917312511390 | 167893.92 | 3909560.58 | FENCEGRD | 4.10E-09 | 4.07E-09 | 4.04E-09 | 4.02E-09 | 3.43E-10 | 1.32E-09 | 9.32E-11 | 9.32E-11 | 9.31E-11 | 9.30E-11 |
| 167872.286705843390 | 167872.29 | 3909570.29 | FENCEGRD | 3.82E-09 | 3.81E-09 | 3.79E-09 | 3.78E-09 | 3.56E-10 | 1.40E-09 | 9.17E-11 | 9.18E-11 | 9.17E-11 | 9.17E-11 |
| 167850.656099176390 | 167850.66 | 3909580.01 | FENCEGRD | 3.64E-09 | 3.64E-09 | 3.65E-09 | 3.65E-09 | 4.10E-10 | 1.63E-09 | 9.78E-11 | 9.82E-11 | 9.83E-11 | 9.86E-11 |
| 167829.025492508390 | 167829.03 | 3909589.72 | FENCEGRD | 3.58E-09 | 3.60E-09 | 3.63E-09 | 3.66E-09 | 5.53E-10 | 2.14E-09 | 1.21E-10 | 1.22E-10 | 1.23E-10 | 1.24E-10 |
| 167807.394885843909 | 167807.39 | 3909599.44 | FENCEGRD | 3.85E-09 | 3.92E-09 | 4.01E-09 | 4.11E-09 | 7.80E-10 | 2.90E-09 | 1.62E-10 | 1.64E-10 | 1.65E-10 | 1.67E-10 |
| 167785.764279173390 | 167785.76 | 3909609.16 | FENCEGRD | 5.12E-09 | 5.30E-09 | 5.55E-09 | 5.79E-09 | 1.03E-09 | 3.83E-09 | 2.13E-10 | 2.16E-10 | 2.19E-10 | 2.23E-10 |
| 167764.133672505390 | 167764.13 | 3909618.87 | FENCEGRD | 7.68E-09 | 8.03E-09 | 8.50E-09 | 8.92E-09 | 1.19E-09 | 4.68E-09 | 2.62E-10 | 2.67E-10 | 2.72E-10 | 2.77E-10 |
| 167742.503065837390 | 167742.50 | 3909628.59 | FENCEGRD | 1.07E-08 | 1.12E-08 | 1.19E-08 | 1.25E-08 | 1.21E-09 | 5.31E-09 | 3.03E-10 | 3.08E-10 | 3.15E-10 | 3.21E-10 |
| 167720.872459173909 | 167720.87 | 3909638.30 | FENCEGRD | 1.35E-08 | 1.41E-08 | 1.49E-08 | 1.56E-08 | 1.17E-09 | 5.76E-09 | 3.38E-10 | 3.44E-10 | 3.52E-10 | 3.59E-10 |
| 167699.241852502390 | 167699.24 | 3909648.02 | FENCEGRD | 1.60E-08 | 1.67E-08 | 1.76E-08 | 1.83E-08 | 1.15E-09 | 6.11E-09 | 3.74E-10 | 3.82E-10 | 3.90E-10 | 3.98E-10 |
| 167677.611245834390 | 167677.61 | 3909657.74 | FENCEGRD | 1.83E-08 | 1.91E-08 | 1.99E-08 | 2.06E-08 | 1.18E-09 | 6.44E-09 | 4.14E-10 | 4.22E-10 | 4.31E-10 | 4.39E-10 |
| 167655.980639167390 | 167655.98 | 3909667.45 | FENCEGRD | 2.04E-08 | 2.11E-08 | 2.18E-08 | 2.23E-08 | 1.26E-09 | 6.75E-09 | 4.54E-10 | 4.61E-10 | 4.70E-10 | 4.77E-10 |
| 167634.350032499390 | 167634.35 | 3909677.17 | FENCEGRD | 2.21E-08 | 2.26E-08 | 2.32E-08 | 2.36E-08 | 1.40E-09 | 7.08E-09 | 4.92E-10 | 4.98E-10 | 5.05E-10 | 5.11E-10 |
| 167612.719425831390 | 167612.72 | 3909686.88 | FENCEGRD | 2.32E-08 | 2.36E-08 | 2.40E-08 | 2.44E-08 | 1.59E-09 | 7.38E-09 | 5.22E-10 | 5.27E-10 | 5.31E-10 | 5.36E-10 |
| 167591.088819164390 | 167591.09 | 3909696.60 | FENCEGRD | 2.42E-08 | 2.47E-08 | 2.52E-08 | 2.58E-08 | 1.82E-09 | 7.75E-09 | 5.48E-10 | 5.52E-10 | 5.56E-10 | 5.60E-10 |
| 167569.458212496390 | 167569.46 | 3909706.32 | FENCEGRD | 2.58E-08 | 2.64E-08 | 2.72E-08 | 2.80E-08 | 2.07E-09 | 8.26E-09 | 5.81E-10 | 5.86E-10 | 5.92E-10 | 5.98E-10 |
| 167547.827605829390 | 167547.83 | 3909716.03 | FENCEGRD | 2.71E-08 | 2.78E-08 | 2.88E-08 | 2.98E-08 | 2.26E-09 | 8.70E-09 | 6.09E-10 | 6.17E-10 | 6.25E-10 | 6.33E-10 |
| 167482.935785826390 | 167482.94 | 3909745.18 | FENCEGRD | 2.94E-08 | 2.98E-08 | 3.03E-08 | 3.07E-08 | 2.17E-09 | 9.78E-09 | 6.52E-10 | 6.58E-10 | 6.65E-10 | 6.71E-10 |
| 167461.305179158390 | 167461.31 | 3909754.90 | FENCEGRD | 2.89E-08 | 2.94E-08 | 2.98E-08 | 3.02E-08 | 2.17E-09 | 9.70E-09 | 6.50E-10 | 6.56E-10 | 6.64E-10 | 6.71E-10 |
| 167425.055165856390 | 167425.06 | 3909745.94 | FENCEGRD | 3.10E-08 | 3.15E-08 | 3.19E-08 | 3.23E-08 | 2.44E-09 | 1.04E-08 | 7.13E-10 | 7.19E-10 | 7.27E-10 | 7.34E-10 |
| 167410.435759222390 | 167410.44 | 3909727.27 | FENCEGRD | 3.32E-08 | 3.37E-08 | 3.42E-08 | 3.47E-08 | 2.68E-09 | 1.10E-08 | 7.67E-10 | 7.73E-10 | 7.81E-10 | 7.89E-10 |
| 167395.816352588390 | 167395.82 | 3909708.60 | FENCEGRD | 3.56E-08 | 3.61E-08 | 3.67E-08 | 3.71E-08 | 2.94E-09 | 1.17E-08 | 8.23E-10 | 8.30E-10 | 8.39E-10 | 8.47E-10 |
| 167381.196945953390 | 167381.20 | 3909689.93 | FENCEGRD | 3.81E-08 | 3.87E-08 | 3.93E-08 | 3.98E-08 | 3.23E-09 | 1.24E-08 | 8.81E-10 | 8.89E-10 | 8.99E-10 | 9.08E-10 |
| 167366.577539319390 | 167366.58 | 3909671.26 | FENCEGRD | 4.15E-08 | 4.21E-08 | 4.28E-08 | 4.33E-08 | 3.61E-09 | 1.33E-08 | 9.63E-10 | 9.72E-10 | 9.83E-10 | 9.93E-10 |
| 167351.958132685390 | 167351.96 | 3909652.59 | FENCEGRD | 4.59E-08 | 4.65E-08 | 4.72E-08 | 4.77E-08 | 4.09E-09 | 1.45E-08 | 1.07E-09 | 1.08E-09 | 1.09E-09 | 1.10E-09 |
| 167337.338726051390 | 167337.34 | 3909633.92 | FENCEGRD | 5.08E-08 | 5.15E-08 | 5.21E-08 | 5.25E-08 | 4.64E-09 | 1.60E-08 | 1.19E-09 | 1.20E-09 | 1.21E-09 | 1.22E-09 |
| 167322.719319416390 | 167322.72 | 3909615.25 | FENCEGRD | 5.52E-08 | 5.58E-08 | 5.63E-08 | 5.67E-08 | 4.66E-09 | 1.73E-08 | 1.30E-09 | 1.31E-09 | 1.32E-09 | 1.33E-09 |
| 167308.099912782390 | 167308.10 | 3909596.58 | FENCEGRD | 5.91E-08 | 5.97E-08 | 6.01E-08 | 6.05E-08 | 5.70E-09 | 1.84E-08 | 1.40E-09 | 1.41E-09 | 1.42E-09 | 1.43E-09 |
| 167293.480506148390 | 167293.48 | 3909577.92 | FENCEGRD | 6.25E-08 | 6.31E-08 | 6.35E-08 | 6.39E-08 | 6.32E-09 | 1.94E-08 | 1.49E-09 | 1.50E-09 | 1.51E-09 | 1.52E-09 |
| 167278.861099514390 | 167278.86 | 3909559.25 | FENCEGRD | 6.62E-08 | 6.69E-08 | 6.74E-08 | 6.80E-08 | 7.04E-09 | 2.04E-08 | 1.59E-09 | 1.60E-09 | 1.62E-09 | 1.63E-09 |
| 167264.241692879390 | 167264.24 | 3909540.58 | FENCEGRD | 7.13E-08 | 7.21E-08 | 7.28E-08 | 7.36E-08 | 7.81E-09 | 2.17E-08 | 1.74E-09 | 1.75E-09 | 1.77E-09 | 1.79E-09 |
| 167249.622286245390 | 167249.62 | 3909521.91 | FENCEGRD | 7.69E-08 | 7.79E-08 | 7.88E-08 | 7.96E-08 | 8.38E-09 | 2.32E-08 | 1.90E-09 | 1.92E-09 | 1.94E-09 | 1.96E-09 |
| 167235.002879611390 | 167235.00 | 3909503.24 | FENCEGRD | 8.27E-08 | 8.38E-08 | 8.47E-08 | 8.55E-08 | 8.60E-09 | 2.47E-08 | 2.07E-09 | 2.09E-09 | 2.11E-09 | 2.12E-09 |
| 167220.383472977390 | 167220.38 | 3909484.57 | FENCEGRD | 8.89E-08 | 8.98E-08 | 9.06E-08 | 9.11E-08 | 8.51E-09 | 2.63E-08 | 2.22E-09 | 2.24E-09 | 2.25E-09 | 2.27E-09 |
| 167205.764066342390 | 167205.76 | 3909465.90 | FENCEGRD | 9.39E-08 | 9.46E-08 | 9.49E-08 | 9.51E-08 | 8.12E-09 | 2.77E-08 | 2.33E-09 | 2.34E-09 | 2.34E-09 | 2.35E-09 |
| 167191.144659708390 | 167191.14 | 3909447.23 | FENCEGRD | 9.78E-08 | 9.80E-08 | 9.77E-08 | 9.74E-08 | 7.56E-09 | 2.90E-08 | 2.38E-09 | 2.38E-09 | 2.38E-09 | 2.37E-09 |
| 167176.525253074390 | 167176.53 | 3909428.56 | FENCEGRD | 1.00E-07 | 9.97E-08 | 9.89E-08 | 9.81E-08 | 6.91E-09 | 3.01E-08 | 2.38E-09 | 2.37E-09 | 2.36E-09 | 2.35E-09 |
| 167161.905846443909 | 167161.91 | 3909409.89 | FENCEGRD | 1.01E-07 | 9.97E-08 | 9.83E-08 | 9.71E-08 | 6.24E-09 | 3.09E-08 | 2.32E-09 | 2.31E-09 | 2.29E-09 | 2.27E-09 |
| 167147.286439805390 | 167147.29 | 3909391.22 | FENCEGRD | 9.95E-08 | 9.81E-08 | 9.62E-08 | 9.46E-08 | 5.56E-09 | 3.14E-08 | 2.23E-09 | 2.21E-09 | 2.19E-09 | 2.17E-09 |
| 167132.667033171390 | 167132.67 | 3909372.55 | FENCEGRD | 9.63E-08 | 9.46E-08 | 9.25E-08 | 9.06E-08 | 4.90E-09 | 3.14E-08 | 2.10E-09 | 2.08E-09 | 2.06E-09 | 2.03E-09 |
| 167118.047626537390 | 167118.05 | 3909353.88 | FENCEGRD | 9.20E-08 | 9.00E-08 | 8.77E-08 | 8.58E-08 | 4.27E-09 | 3.10E-08 | 1.96E-09 | 1.94E-09 | 1.91E-09 | 1.89E-09 |
| 167103.428219903390 | 167103.43 | 3909335.21 | FENCEGRD | 8.69E-08 | 8.48E-08 | 8.24E-08 | 8.04E-08 | 3.70E-09 | 3.03E-08 | 1.81E-09 | 1.79E-09 | 1.76E-09 | 1.74E-09 |
| 167088.808813268390 | 167088.81 | 3909316.54 | FENCEGRD | 8.11E-08 | 7.90E-08 | 7.66E-08 | 7.46E-08 | 3.18E-09 | 2.94E-08 | 1.67E-09 | 1.64E-09 | 1.62E-09 | 1.60E-09 |
| 167074.189406634390 | 167074.19 | 3909297.87 | FENCEGRD | 7.51E-08 | 7.30E-08 | 7.07E-08 | 6.88E-08 | 2.72E-09 | 2.83E-08 | 1.52E-09 | 1.50E-09 | 1.48E-09 | 1.46E-09 |
| 168002.070345849390 | 168002.07 | 3909511.99 | FENCEGRD | 4.67E-09 | 4.71E-09 | 4.77E-09 | 4 | | | | | | |

3rd Trimester Dose

| | | | | 3rd Trimester Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168025.259938113390 | 168025.26 | 3909587.89 | FENCEGRD | 4.99E-09 | 5.05E-09 | 5.13E-09 | 5.20E-09 | 6.90E-10 | 2.35E-09 | 1.84E-10 | 1.86E-10 | 1.88E-10 | 1.90E-10 |
| 168003.489779144390 | 168003.49 | 3909597.67 | FENCEGRD | 4.93E-09 | 4.97E-09 | 5.02E-09 | 5.07E-09 | 6.85E-10 | 2.33E-09 | 1.85E-10 | 1.87E-10 | 1.89E-10 | 1.90E-10 |
| 167981.719620175390 | 167981.72 | 3909607.45 | FENCEGRD | 4.75E-09 | 4.77E-09 | 4.80E-09 | 4.82E-09 | 6.82E-10 | 2.32E-09 | 1.85E-10 | 1.87E-10 | 1.88E-10 | 1.90E-10 |
| 167959.949461207390 | 167959.95 | 3909617.23 | FENCEGRD | 4.36E-09 | 4.37E-09 | 4.37E-09 | 4.38E-09 | 6.42E-10 | 2.21E-09 | 1.73E-10 | 1.74E-10 | 1.75E-10 | 1.77E-10 |
| 167938.179302238390 | 167938.18 | 3909627.00 | FENCEGRD | 3.97E-09 | 3.97E-09 | 3.96E-09 | 3.96E-09 | 5.99E-10 | 2.09E-09 | 1.57E-10 | 1.58E-10 | 1.59E-10 | 1.60E-10 |
| 167916.409143269390 | 167916.41 | 3909636.78 | FENCEGRD | 3.77E-09 | 3.77E-09 | 3.78E-09 | 3.80E-09 | 6.24E-10 | 2.16E-09 | 1.55E-10 | 1.56E-10 | 1.56E-10 | 1.57E-10 |
| 167894.638984339090 | 167894.64 | 3909646.56 | FENCEGRD | 3.76E-09 | 3.79E-09 | 3.83E-09 | 3.86E-09 | 6.97E-10 | 2.39E-09 | 1.61E-10 | 1.62E-10 | 1.63E-10 | 1.64E-10 |
| 167872.868825332390 | 167872.87 | 3909656.34 | FENCEGRD | 4.11E-09 | 4.17E-09 | 4.25E-09 | 4.34E-09 | 8.15E-10 | 2.77E-09 | 1.77E-10 | 1.79E-10 | 1.80E-10 | 1.81E-10 |
| 167851.098666363390 | 167851.10 | 3909666.12 | FENCEGRD | 5.13E-09 | 5.26E-09 | 5.44E-09 | 5.61E-09 | 9.59E-10 | 3.32E-09 | 2.02E-10 | 2.04E-10 | 2.05E-10 | 2.07E-10 |
| 167829.328507394390 | 167829.33 | 3909675.90 | FENCEGRD | 6.94E-09 | 7.16E-09 | 7.46E-09 | 7.73E-09 | 1.06E-09 | 3.88E-09 | 2.26E-10 | 2.28E-10 | 2.31E-10 | 2.33E-10 |
| 167807.558348426390 | 167807.56 | 3909685.68 | FENCEGRD | 8.98E-09 | 9.29E-09 | 9.70E-09 | 1.01E-08 | 1.06E-09 | 4.33E-09 | 2.43E-10 | 2.46E-10 | 2.49E-10 | 2.52E-10 |
| 167785.788189457390 | 167785.79 | 3909695.46 | FENCEGRD | 1.08E-08 | 1.12E-08 | 1.17E-08 | 1.21E-08 | 1.01E-09 | 4.67E-09 | 2.57E-10 | 2.61E-10 | 2.65E-10 | 2.68E-10 |
| 167764.018030488390 | 167764.02 | 3909705.23 | FENCEGRD | 1.24E-08 | 1.28E-08 | 1.34E-08 | 1.38E-08 | 9.70E-10 | 4.98E-09 | 2.76E-10 | 2.80E-10 | 2.85E-10 | 2.89E-10 |
| 167742.247871519390 | 167742.25 | 3909715.01 | FENCEGRD | 1.40E-08 | 1.45E-08 | 1.51E-08 | 1.57E-08 | 9.53E-10 | 5.31E-09 | 3.00E-10 | 3.05E-10 | 3.11E-10 | 3.16E-10 |
| 167720.477712551390 | 167720.48 | 3909724.79 | FENCEGRD | 1.57E-08 | 1.62E-08 | 1.69E-08 | 1.76E-08 | 9.77E-10 | 5.64E-09 | 3.31E-10 | 3.37E-10 | 3.43E-10 | 3.50E-10 |
| 167698.707553582390 | 167698.71 | 3909734.57 | FENCEGRD | 1.74E-08 | 1.81E-08 | 1.88E-08 | 1.94E-08 | 1.04E-09 | 5.99E-09 | 3.67E-10 | 3.74E-10 | 3.81E-10 | 3.88E-10 |
| 167676.937394613390 | 167676.94 | 3909744.35 | FENCEGRD | 1.92E-08 | 1.98E-08 | 2.05E-08 | 2.11E-08 | 1.16E-09 | 6.35E-09 | 4.08E-10 | 4.15E-10 | 4.23E-10 | 4.30E-10 |
| 167655.167235645390 | 167655.17 | 3909754.13 | FENCEGRD | 2.07E-08 | 2.12E-08 | 2.19E-08 | 2.24E-08 | 1.31E-09 | 6.69E-09 | 4.49E-10 | 4.56E-10 | 4.63E-10 | 4.70E-10 |
| 167633.397076676390 | 167633.40 | 3909763.91 | FENCEGRD | 2.17E-08 | 2.22E-08 | 2.28E-08 | 2.33E-08 | 1.49E-09 | 7.00E-09 | 4.86E-10 | 4.92E-10 | 4.97E-10 | 5.03E-10 |
| 167611.626917707390 | 167611.63 | 3909773.69 | FENCEGRD | 2.27E-08 | 2.32E-08 | 2.38E-08 | 2.43E-08 | 1.71E-09 | 7.35E-09 | 5.20E-10 | 5.25E-10 | 5.30E-10 | 5.36E-10 |
| 167524.546281832390 | 167524.55 | 3909812.80 | FENCEGRD | 2.43E-08 | 2.47E-08 | 2.49E-08 | 2.51E-08 | 1.91E-09 | 8.20E-09 | 5.59E-10 | 5.61E-10 | 5.64E-10 | 5.67E-10 |
| 167502.776122863390 | 167502.78 | 3909822.58 | FENCEGRD | 2.42E-08 | 2.45E-08 | 2.48E-08 | 2.50E-08 | 1.88E-09 | 8.38E-09 | 5.55E-10 | 5.58E-10 | 5.62E-10 | 5.66E-10 |
| 167481.005963895390 | 167481.01 | 3909832.36 | FENCEGRD | 2.44E-08 | 2.48E-08 | 2.51E-08 | 2.54E-08 | 1.90E-09 | 8.54E-09 | 5.66E-10 | 5.70E-10 | 5.75E-10 | 5.80E-10 |
| 167459.235804926390 | 167459.24 | 3909842.14 | FENCEGRD | 2.47E-08 | 2.51E-08 | 2.54E-08 | 2.57E-08 | 1.94E-09 | 8.71E-09 | 5.81E-10 | 5.85E-10 | 5.91E-10 | 5.96E-10 |
| 167437.465645957390 | 167437.47 | 3909851.92 | FENCEGRD | 2.46E-08 | 2.49E-08 | 2.53E-08 | 2.56E-08 | 1.96E-09 | 8.73E-09 | 5.85E-10 | 5.90E-10 | 5.95E-10 | 6.01E-10 |
| 167400.981761602390 | 167400.98 | 3909842.90 | FENCEGRD | 2.51E-08 | 2.54E-08 | 2.58E-08 | 2.60E-08 | 2.07E-09 | 8.88E-09 | 6.04E-10 | 6.09E-10 | 6.15E-10 | 6.20E-10 |
| 167386.268036215390 | 167386.27 | 3909824.11 | FENCEGRD | 2.64E-08 | 2.67E-08 | 2.71E-08 | 2.74E-08 | 2.22E-09 | 9.26E-09 | 6.37E-10 | 6.42E-10 | 6.48E-10 | 6.53E-10 |
| 167371.554310828390 | 167371.55 | 3909805.32 | FENCEGRD | 2.82E-08 | 2.86E-08 | 2.90E-08 | 2.93E-08 | 2.42E-09 | 9.83E-09 | 6.83E-10 | 6.88E-10 | 6.95E-10 | 7.00E-10 |
| 167356.840585442390 | 167356.84 | 3909786.53 | FENCEGRD | 3.02E-08 | 3.06E-08 | 3.10E-08 | 3.14E-08 | 2.63E-09 | 1.04E-08 | 7.32E-10 | 7.38E-10 | 7.45E-10 | 7.51E-10 |
| 167342.126860055390 | 167342.13 | 3909767.74 | FENCEGRD | 3.22E-08 | 3.27E-08 | 3.31E-08 | 3.35E-08 | 2.86E-09 | 1.10E-08 | 7.82E-10 | 7.88E-10 | 7.96E-10 | 8.03E-10 |
| 167327.413134668390 | 167327.41 | 3909748.95 | FENCEGRD | 3.43E-08 | 3.48E-08 | 3.53E-08 | 3.58E-08 | 3.11E-09 | 1.16E-08 | 8.35E-10 | 8.42E-10 | 8.50E-10 | 8.58E-10 |
| 167312.699409281390 | 167312.70 | 3909730.16 | FENCEGRD | 3.66E-08 | 3.71E-08 | 3.76E-08 | 3.81E-08 | 3.39E-09 | 1.23E-08 | 8.92E-10 | 9.00E-10 | 9.09E-10 | 9.18E-10 |
| 167297.985683895390 | 167297.99 | 3909711.37 | FENCEGRD | 3.92E-08 | 3.97E-08 | 4.02E-08 | 4.06E-08 | 3.70E-09 | 1.30E-08 | 9.59E-10 | 9.68E-10 | 9.77E-10 | 9.85E-10 |
| 167283.271958508390 | 167283.27 | 3909692.58 | FENCEGRD | 4.20E-08 | 4.25E-08 | 4.30E-08 | 4.34E-08 | 4.03E-09 | 1.39E-08 | 1.03E-09 | 1.04E-09 | 1.05E-09 | 1.06E-09 |
| 167268.558233121390 | 167268.56 | 3909673.79 | FENCEGRD | 4.53E-08 | 4.57E-08 | 4.61E-08 | 4.64E-08 | 4.40E-09 | 1.49E-08 | 1.12E-09 | 1.12E-09 | 1.13E-09 | 1.14E-09 |
| 167253.844507735390 | 167253.84 | 3909655.00 | FENCEGRD | 4.84E-08 | 4.88E-08 | 4.91E-08 | 4.95E-08 | 4.83E-09 | 1.59E-08 | 1.20E-09 | 1.20E-09 | 1.21E-09 | 1.22E-09 |
| 167239.130782348390 | 167239.13 | 3909636.21 | FENCEGRD | 5.14E-08 | 5.18E-08 | 5.22E-08 | 5.26E-08 | 5.32E-09 | 1.68E-08 | 1.28E-09 | 1.28E-09 | 1.29E-09 | 1.30E-09 |
| 167224.417056961390 | 167224.42 | 3909617.42 | FENCEGRD | 5.45E-08 | 5.51E-08 | 5.56E-08 | 5.61E-08 | 5.88E-09 | 1.77E-08 | 1.37E-09 | 1.38E-09 | 1.39E-09 | 1.40E-09 |
| 167209.703331574390 | 167209.70 | 3909598.63 | FENCEGRD | 5.82E-08 | 5.88E-08 | 5.95E-08 | 6.01E-08 | 6.47E-09 | 1.87E-08 | 1.48E-09 | 1.49E-09 | 1.50E-09 | 1.51E-09 |
| 167194.989606188390 | 167194.99 | 3909579.84 | FENCEGRD | 6.24E-08 | 6.32E-08 | 6.40E-08 | 6.47E-08 | 6.98E-09 | 1.99E-08 | 1.60E-09 | 1.62E-09 | 1.63E-09 | 1.65E-09 |
| 167180.275880801390 | 167180.28 | 3909561.05 | FENCEGRD | 6.71E-08 | 6.80E-08 | 6.88E-08 | 6.96E-08 | 7.34E-09 | 2.12E-08 | 1.74E-09 | 1.75E-09 | 1.77E-09 | 1.78E-09 |
| 167165.562155414390 | 167165.56 | 3909542.26 | FENCEGRD | 7.21E-08 | 7.30E-08 | 7.37E-08 | 7.43E-08 | 7.49E-09 | 2.25E-08 | 1.87E-09 | 1.89E-09 | 1.90E-09 | 1.91E-09 |
| 167150.848430027390 | 167150.85 | 3909523.47 | FENCEGRD | 7.69E-08 | 7.76E-08 | 7.81E-08 | 7.85E-08 | 7.43E-09 | 2.40E-08 | 1.99E-09 | 2.00E-09 | 2.01E-09 | 2.01E-09 |
| 167136.134704641390 | 167136.13 | 3909504.68 | FENCEGRD | 8.10E-08 | 8.13E-08 | 8.14E-08 | 8.15E-08 | 7.19E-09 | 2.53E-08 | 2.07E-09 | 2.07E-09 | 2.07E-09 | 2.08E-09 |
| 167121.420979254390 | 167121.42 | 3909485.89 | FENCEGRD | 8.39E-08 | 8.39E-08 | 8.36E-08 | 8.33E-08 | 6.82E-09 | 2.64E-08 | 2.10E-09 | 2.10E-09 | 2.10E-09 | 2.10E-09 |
| 167106.707253867390 | 167106.71 | 3909467.10 | FENCEGRD | 8.60E-08 | 8.55E-08 | 8.48E-08 | 8.41E-08 | 6.39E-09 | 2.75E-08 | 2.11E-09 | 2.10E-09 | 2.09E-09 | 2.09E-09 |
| 167091.993528481390 | 167091.99 | 3909448.31 | FENCEGRD | 8.67E-08 | 8.59E-08 | 8.47E-08 | 8.37E-08 | 5.92E-09 | 2.83E-08 | 2.08E-09 | 2.07E-09 | 2.05E-09 | 2.04E-09 |
| 167077.279803094390 | 167077.28 | 3909429.52 | FENCEGRD | 8.55E-08 | 8.44E-08 | 8.29E-08 | 8.17E-08 | 5.42E-09 | 2.86E-08 | 2.01E-09 | 1.99E-09 | 1.98E-09 | 1.96E-09 |
| 167062.566077707390 | 167062.57 | 3909410.73 | FENCEGRD | 8.31E-08 | 8.17E-08 | 8.01E-08 | 7.87E-08 | 4.91E-09 | 2.86E-08 | 1.91E-09 | 1.90E-09 | 1.88E-09 | 1.86E-09 |
| 167047.852352323909 | 167047.85 | 3909391.94 | FENCEGRD | 7.97E-08 | 7.82E-08 | 7.65E-08 | 7.50E-08 | 4.41E-09 | 2.82E-08 | 1.80E-09 | 1.78E-09 | 1.76E-09 | 1.75E-09 |
| 167033.138626934390 | 167033.14 | 3909373.15 | FENCEGRD | 7.58E-08 | 7.42E-08 | 7.24E-08 | 7.09E-08 | 3.94E-09 | 2.76E-08 | 1.69E-09 | 1.67E-09 | 1.65E-09 | 1.63E-09 |
| 167018.424901547390 | 167018.42 | 3909354.36 | FENCEGRD | 7.16E-08 | 7.00E-08 | 6.81E-08 | 6.66E-08 | 3.49E-09 | 2.69E-08 | 1.57E-09 | 1.55E-09 | 1.53E-09 | 1.51E-09 |
| 167003.711176163909 | 167003.71 | 3909335.57 | FENCEGRD | 6.71E-08 | 6.55E-08 | 6.37E-08 | 6.22E-08 | 3.07E-09 | 2.60E-08 | 1.46E-09 | 1.44E-09 | 1.42E-09 | 1.40E-09 |
| 166988.997450773390 | 166989.00 | 3909316.78 | FENCEGRD | 6.24E-08 | 6.08E-08 | 5.91E-08 | 5.77E-08 | 2.69E-09 | 2.49E-08 | 1.34E-09 | 1.33E-09 | 1.31E-09 | 1.29E-09 |
| 166974.283725387390 | 166974.28 | 3909297.99 | FENCEGRD | 5.78E-08 | 5.63E-08 | 5.47E-08 | 5.33E-08 | 2.34E-09 | 2.38E-08 | 1.24E-09 | 1.22E-09 | 1.20E-09 | 1.19E-09 |
| 168090.570415019390 | 168090.57 | 3909558.55 | FENCEGRD | 4.92E-09 | 5.00E-09 | 5.11E-09 | 5.21E-09 | 7.26E-10 | 2.53E-09 | 1.88E-10 | 1.91E-10 | 1.92E-10 | 1.95E-10 |
| 168102.018915019390 | 168102.02 | 3909536.79 | FENCEGRD | 4.63E-09 | 4.69E-09 | 4.77E-09 | 4.85E-09 | 6.85E-10 | 2.42E-09 | 1.78E-10 | 1.81E-10 | 1.82E-10 | 1.84E-10 |
| 168113.467415019390 | 168113.47 | 3909515.03 | FENCEGRD | 4.45E-09 | 4.51E-09 | 4.58E-09 | 4.65E-09 | 6.61E-10 | 2.36E-09 | 1.75E-10 | 1.77E-10 | 1.78E-10 | 1.80E-10 |
| 168124.915915019390 | 168124.92 | 3909493.27 | FENCEGRD | 4.39E-09 | 4.45E-09 | 4.52E-09 | 4.58E-09 | 6.64E-10 | 2.40E-09 | 1.78E-10 | 1.80E-10 | 1.82E-10 | 1.83E-10 |
| 168136.364415019390 | 168136.36 | 3909471.51 | FENCEGRD | 4.49E-09 | 4.54E-09 | 4.61E-09 | 4.67E-09 | 6.82E-10 | 2.48E-09 | 1.84E-10 | 1.86E-10 | 1.88E-10 | 1.90E-10 |
| 168147.812915019390 | 168147.81 | 3909449.75 | FENCEGRD | 4.86E-09 | 4.92E-09 | 5.00E-09 | 5.07E-09 | 7.35E-10 | 2.67E-09 | 1.97E-10 | 1.99E-10 | 2.01E-10 | 2.03E-10 |
| 168159.261415019390 | 168159.26 | 3909427.98 | FENCEGRD | 5.29E-09 | 5.36E-09 | 5.46E-09 | 5 | | | | | | |

3rd Trimester Dose

| | | | | 3rd Trimester Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167982.231963513390 | 167982.23 | 3909693.53 | FENCEGRD | 7.66E-09 | 7.77E-09 | 7.90E-09 | 8.03E-09 | 9.37E-10 | 3.20E-09 | 2.51E-10 | 2.52E-10 | 2.52E-10 | 2.53E-10 |
| 167960.361016772390 | 167960.36 | 3909703.35 | FENCEGRD | 7.45E-09 | 7.56E-09 | 7.70E-09 | 7.84E-09 | 9.55E-10 | 3.23E-09 | 2.42E-10 | 2.43E-10 | 2.44E-10 | 2.44E-10 |
| 167938.490070033909 | 167938.49 | 3909713.18 | FENCEGRD | 7.35E-09 | 7.47E-09 | 7.63E-09 | 7.78E-09 | 9.69E-10 | 3.26E-09 | 2.32E-10 | 2.33E-10 | 2.33E-10 | 2.34E-10 |
| 167916.619123288390 | 167916.62 | 3909723.00 | FENCEGRD | 7.63E-09 | 7.77E-09 | 7.95E-09 | 8.12E-09 | 9.78E-10 | 3.36E-09 | 2.24E-10 | 2.25E-10 | 2.26E-10 | 2.27E-10 |
| 167894.748176546390 | 167894.75 | 3909732.82 | FENCEGRD | 8.09E-09 | 8.25E-09 | 8.46E-09 | 8.65E-09 | 9.73E-10 | 3.50E-09 | 2.19E-10 | 2.20E-10 | 2.21E-10 | 2.22E-10 |
| 167872.877229805390 | 167872.88 | 3909742.65 | FENCEGRD | 8.50E-09 | 8.69E-09 | 8.93E-09 | 9.15E-09 | 9.50E-10 | 3.65E-09 | 2.16E-10 | 2.18E-10 | 2.19E-10 | 2.20E-10 |
| 167851.006283063390 | 167851.01 | 3909752.47 | FENCEGRD | 9.08E-09 | 9.31E-09 | 9.59E-09 | 9.85E-09 | 9.16E-10 | 3.85E-09 | 2.18E-10 | 2.20E-10 | 2.22E-10 | 2.24E-10 |
| 167829.135336321390 | 167829.14 | 3909762.30 | FENCEGRD | 9.82E-09 | 1.01E-08 | 1.04E-08 | 1.08E-08 | 8.79E-10 | 4.08E-09 | 2.25E-10 | 2.28E-10 | 2.30E-10 | 2.33E-10 |
| 167807.264389583909 | 167807.26 | 3909772.12 | FENCEGRD | 1.07E-08 | 1.11E-08 | 1.15E-08 | 1.19E-08 | 8.52E-10 | 4.34E-09 | 2.37E-10 | 2.40E-10 | 2.43E-10 | 2.47E-10 |
| 167785.393442838390 | 167785.39 | 3909781.94 | FENCEGRD | 1.18E-08 | 1.22E-08 | 1.26E-08 | 1.31E-08 | 8.43E-10 | 4.62E-09 | 2.54E-10 | 2.58E-10 | 2.62E-10 | 2.66E-10 |
| 167763.522496096390 | 167763.52 | 3909791.77 | FENCEGRD | 1.29E-08 | 1.33E-08 | 1.38E-08 | 1.43E-08 | 8.55E-10 | 4.90E-09 | 2.76E-10 | 2.80E-10 | 2.85E-10 | 2.89E-10 |
| 167741.651549354390 | 167741.65 | 3909801.59 | FENCEGRD | 1.40E-08 | 1.45E-08 | 1.50E-08 | 1.56E-08 | 8.92E-10 | 5.18E-09 | 3.00E-10 | 3.05E-10 | 3.11E-10 | 3.16E-10 |
| 167719.780602613390 | 167719.78 | 3909811.42 | FENCEGRD | 1.52E-08 | 1.57E-08 | 1.64E-08 | 1.69E-08 | 9.57E-10 | 5.46E-09 | 3.29E-10 | 3.35E-10 | 3.41E-10 | 3.46E-10 |
| 167697.909655871390 | 167697.91 | 3909821.24 | FENCEGRD | 1.65E-08 | 1.71E-08 | 1.77E-08 | 1.82E-08 | 1.05E-09 | 5.74E-09 | 3.61E-10 | 3.67E-10 | 3.74E-10 | 3.80E-10 |
| 167676.038709129390 | 167676.04 | 3909831.07 | FENCEGRD | 1.78E-08 | 1.83E-08 | 1.88E-08 | 1.93E-08 | 1.17E-09 | 6.03E-09 | 3.96E-10 | 4.02E-10 | 4.08E-10 | 4.14E-10 |
| 167654.167762388390 | 167654.17 | 3909840.89 | FENCEGRD | 1.91E-08 | 1.96E-08 | 2.01E-08 | 2.06E-08 | 1.35E-09 | 6.40E-09 | 4.36E-10 | 4.42E-10 | 4.48E-10 | 4.54E-10 |
| 167566.683975421390 | 167566.68 | 3909880.19 | FENCEGRD | 2.05E-08 | 2.10E-08 | 2.12E-08 | 2.13E-08 | 1.69E-09 | 7.05E-09 | 4.98E-10 | 5.01E-10 | 5.03E-10 | 5.04E-10 |
| 167544.813028679390 | 167544.81 | 3909890.01 | FENCEGRD | 2.04E-08 | 2.05E-08 | 2.06E-08 | 2.07E-08 | 1.65E-09 | 7.19E-09 | 4.82E-10 | 4.83E-10 | 4.84E-10 | 4.85E-10 |
| 167522.942081937390 | 167522.94 | 3909899.83 | FENCEGRD | 1.99E-08 | 2.00E-08 | 2.01E-08 | 2.03E-08 | 1.60E-09 | 7.05E-09 | 4.67E-10 | 4.69E-10 | 4.70E-10 | 4.72E-10 |
| 167501.071135196390 | 167501.07 | 3909909.66 | FENCEGRD | 1.95E-08 | 1.97E-08 | 1.98E-08 | 2.00E-08 | 1.56E-09 | 6.98E-09 | 4.59E-10 | 4.61E-10 | 4.63E-10 | 4.66E-10 |
| 167479.200188454390 | 167479.20 | 3909919.48 | FENCEGRD | 1.92E-08 | 1.94E-08 | 1.96E-08 | 1.98E-08 | 1.54E-09 | 6.94E-09 | 4.55E-10 | 4.57E-10 | 4.61E-10 | 4.64E-10 |
| 167457.329241712390 | 167457.33 | 3909929.31 | FENCEGRD | 1.91E-08 | 1.93E-08 | 1.95E-08 | 1.97E-08 | 1.53E-09 | 6.96E-09 | 4.57E-10 | 4.60E-10 | 4.64E-10 | 4.67E-10 |
| 167435.458294973909 | 167435.46 | 3909939.13 | FENCEGRD | 1.93E-08 | 1.95E-08 | 1.97E-08 | 1.99E-08 | 1.57E-09 | 7.08E-09 | 4.67E-10 | 4.71E-10 | 4.75E-10 | 4.79E-10 |
| 167413.587348229390 | 167413.59 | 3909948.95 | FENCEGRD | 1.96E-08 | 1.98E-08 | 2.00E-08 | 2.02E-08 | 1.62E-09 | 7.25E-09 | 4.82E-10 | 4.85E-10 | 4.90E-10 | 4.94E-10 |
| 167376.934557001390 | 167376.93 | 3909939.90 | FENCEGRD | 2.09E-08 | 2.12E-08 | 2.14E-08 | 2.16E-08 | 1.80E-09 | 7.77E-09 | 5.25E-10 | 5.29E-10 | 5.34E-10 | 5.38E-10 |
| 167362.152712515390 | 167362.15 | 3909921.02 | FENCEGRD | 2.21E-08 | 2.23E-08 | 2.26E-08 | 2.28E-08 | 1.92E-09 | 8.15E-09 | 5.56E-10 | 5.60E-10 | 5.64E-10 | 5.68E-10 |
| 167347.370868033909 | 167347.37 | 3909902.15 | FENCEGRD | 2.33E-08 | 2.36E-08 | 2.39E-08 | 2.41E-08 | 2.06E-09 | 8.55E-09 | 5.88E-10 | 5.92E-10 | 5.97E-10 | 6.01E-10 |
| 167332.589023544390 | 167332.59 | 3909883.27 | FENCEGRD | 2.47E-08 | 2.50E-08 | 2.53E-08 | 2.55E-08 | 2.21E-09 | 8.98E-09 | 6.23E-10 | 6.27E-10 | 6.32E-10 | 6.37E-10 |
| 167317.807179058390 | 167317.81 | 3909864.39 | FENCEGRD | 2.63E-08 | 2.66E-08 | 2.69E-08 | 2.72E-08 | 2.39E-09 | 9.48E-09 | 6.64E-10 | 6.68E-10 | 6.74E-10 | 6.79E-10 |
| 167303.025334572390 | 167303.03 | 3909845.51 | FENCEGRD | 2.79E-08 | 2.83E-08 | 2.86E-08 | 2.90E-08 | 2.57E-09 | 9.99E-09 | 7.05E-10 | 7.11E-10 | 7.17E-10 | 7.22E-10 |
| 167288.243490087390 | 167288.24 | 3909826.64 | FENCEGRD | 2.98E-08 | 3.02E-08 | 3.06E-08 | 3.09E-08 | 2.78E-09 | 1.06E-08 | 7.54E-10 | 7.59E-10 | 7.66E-10 | 7.72E-10 |
| 167273.461645601390 | 167273.46 | 3909807.76 | FENCEGRD | 3.16E-08 | 3.20E-08 | 3.24E-08 | 3.28E-08 | 3.00E-09 | 1.11E-08 | 8.02E-10 | 8.08E-10 | 8.15E-10 | 8.22E-10 |
| 167258.679801115390 | 167258.68 | 3909788.88 | FENCEGRD | 3.35E-08 | 3.39E-08 | 3.43E-08 | 3.46E-08 | 3.23E-09 | 1.17E-08 | 8.53E-10 | 8.59E-10 | 8.67E-10 | 8.73E-10 |
| 167243.897956629390 | 167243.90 | 3909770.01 | FENCEGRD | 3.55E-08 | 3.59E-08 | 3.62E-08 | 3.65E-08 | 3.47E-09 | 1.23E-08 | 9.06E-10 | 9.12E-10 | 9.19E-10 | 9.26E-10 |
| 167229.116112144390 | 167229.12 | 3909751.13 | FENCEGRD | 3.75E-08 | 3.78E-08 | 3.81E-08 | 3.84E-08 | 3.71E-09 | 1.30E-08 | 9.59E-10 | 9.66E-10 | 9.72E-10 | 9.78E-10 |
| 167214.334267658390 | 167214.33 | 3909732.25 | FENCEGRD | 3.95E-08 | 3.98E-08 | 4.01E-08 | 4.04E-08 | 3.97E-09 | 1.37E-08 | 1.01E-09 | 1.02E-09 | 1.03E-09 | 1.03E-09 |
| 167199.552423172390 | 167199.55 | 3909713.37 | FENCEGRD | 4.17E-08 | 4.20E-08 | 4.23E-08 | 4.26E-08 | 4.29E-09 | 1.44E-08 | 1.07E-09 | 1.08E-09 | 1.09E-09 | 1.09E-09 |
| 167184.770578686390 | 167184.77 | 3909694.50 | FENCEGRD | 4.39E-08 | 4.43E-08 | 4.47E-08 | 4.50E-08 | 4.67E-09 | 1.51E-08 | 1.14E-09 | 1.14E-09 | 1.15E-09 | 1.16E-09 |
| 167169.988734201390 | 167169.99 | 3909675.62 | FENCEGRD | 4.63E-08 | 4.67E-08 | 4.72E-08 | 4.76E-08 | 5.09E-09 | 1.58E-08 | 1.21E-09 | 1.22E-09 | 1.23E-09 | 1.23E-09 |
| 167155.206889715390 | 167155.21 | 3909656.74 | FENCEGRD | 4.88E-08 | 4.94E-08 | 5.00E-08 | 5.05E-08 | 5.54E-09 | 1.65E-08 | 1.29E-09 | 1.30E-09 | 1.31E-09 | 1.32E-09 |
| 167140.425045229390 | 167140.43 | 3909637.87 | FENCEGRD | 5.19E-08 | 5.25E-08 | 5.32E-08 | 5.38E-08 | 5.96E-09 | 1.74E-08 | 1.38E-09 | 1.39E-09 | 1.41E-09 | 1.42E-09 |
| 167125.643200743390 | 167125.64 | 3909618.99 | FENCEGRD | 5.53E-08 | 5.61E-08 | 5.68E-08 | 5.75E-08 | 6.30E-09 | 1.83E-08 | 1.49E-09 | 1.50E-09 | 1.51E-09 | 1.53E-09 |
| 167110.861356258390 | 167110.86 | 3909600.11 | FENCEGRD | 5.92E-08 | 5.99E-08 | 6.06E-08 | 6.12E-08 | 6.53E-09 | 1.95E-08 | 1.59E-09 | 1.61E-09 | 1.62E-09 | 1.63E-09 |
| 167096.079511772390 | 167096.08 | 3909581.23 | FENCEGRD | 6.29E-08 | 6.36E-08 | 6.41E-08 | 6.46E-08 | 6.61E-09 | 2.06E-08 | 1.69E-09 | 1.70E-09 | 1.71E-09 | 1.72E-09 |
| 167081.297667286390 | 167081.30 | 3909562.36 | FENCEGRD | 6.66E-08 | 6.71E-08 | 6.74E-08 | 6.77E-08 | 6.56E-09 | 2.18E-08 | 1.78E-09 | 1.79E-09 | 1.79E-09 | 1.80E-09 |
| 167066.515822839099 | 167066.52 | 3909543.48 | FENCEGRD | 6.95E-08 | 6.98E-08 | 6.98E-08 | 6.98E-08 | 6.40E-09 | 2.29E-08 | 1.83E-09 | 1.84E-09 | 1.84E-09 | 1.84E-09 |
| 167051.733978315390 | 167051.73 | 3909524.60 | FENCEGRD | 7.14E-08 | 7.13E-08 | 7.11E-08 | 7.09E-08 | 6.13E-09 | 2.38E-08 | 1.86E-09 | 1.85E-09 | 1.85E-09 | 1.85E-09 |
| 167036.952133829390 | 167036.95 | 3909505.73 | FENCEGRD | 7.24E-08 | 7.21E-08 | 7.16E-08 | 7.11E-08 | 5.81E-09 | 2.46E-08 | 1.85E-09 | 1.85E-09 | 1.84E-09 | 1.83E-09 |
| 167022.170289343390 | 167022.17 | 3909486.85 | FENCEGRD | 7.26E-08 | 7.21E-08 | 7.13E-08 | 7.06E-08 | 5.45E-09 | 2.51E-08 | 1.83E-09 | 1.82E-09 | 1.81E-09 | 1.80E-09 |
| 167007.388444857390 | 167007.39 | 3909467.97 | FENCEGRD | 7.20E-08 | 7.12E-08 | 7.02E-08 | 6.94E-08 | 5.08E-09 | 2.54E-08 | 1.78E-09 | 1.77E-09 | 1.75E-09 | 1.74E-09 |
| 166992.606600372390 | 166992.61 | 3909449.09 | FENCEGRD | 7.06E-08 | 6.97E-08 | 6.85E-08 | 6.75E-08 | 4.70E-09 | 2.55E-08 | 1.71E-09 | 1.70E-09 | 1.69E-09 | 1.67E-09 |
| 166977.824755886390 | 166977.82 | 3909430.22 | FENCEGRD | 6.86E-08 | 6.75E-08 | 6.62E-08 | 6.51E-08 | 4.33E-09 | 2.54E-08 | 1.64E-09 | 1.62E-09 | 1.61E-09 | 1.60E-09 |
| 166963.042911439094 | 166963.04 | 3909411.34 | FENCEGRD | 6.60E-08 | 6.48E-08 | 6.34E-08 | 6.23E-08 | 3.96E-09 | 2.50E-08 | 1.55E-09 | 1.54E-09 | 1.52E-09 | 1.51E-09 |
| 166948.261066914390 | 166948.26 | 3909392.46 | FENCEGRD | 6.30E-08 | 6.17E-08 | 6.03E-08 | 5.91E-08 | 3.60E-09 | 2.45E-08 | 1.47E-09 | 1.45E-09 | 1.43E-09 | 1.42E-09 |
| 166933.479222429390 | 166933.48 | 3909373.59 | FENCEGRD | 5.98E-08 | 5.85E-08 | 5.71E-08 | 5.59E-08 | 3.26E-09 | 2.38E-08 | 1.38E-09 | 1.36E-09 | 1.35E-09 | 1.33E-09 |
| 166918.697377943390 | 166918.70 | 3909354.71 | FENCEGRD | 5.64E-08 | 5.51E-08 | 5.37E-08 | 5.26E-08 | 2.92E-09 | 2.31E-08 | 1.29E-09 | 1.27E-09 | 1.26E-09 | 1.24E-09 |
| 166903.915533457390 | 166903.92 | 3909335.83 | FENCEGRD | 5.29E-08 | 5.17E-08 | 5.03E-08 | 4.92E-08 | 2.61E-09 | 2.22E-08 | 1.20E-09 | 1.19E-09 | 1.17E-09 | 1.16E-09 |
| 166889.133688972390 | 166889.13 | 3909316.95 | FENCEGRD | 4.95E-08 | 4.83E-08 | 4.70E-08 | 4.60E-08 | 2.32E-09 | 2.13E-08 | 1.12E-09 | 1.11E-09 | 1.09E-09 | 1.08E-09 |
| 166874.351844486390 | 166874.35 | 3909298.08 | FENCEGRD | 4.61E-08 | 4.51E-08 | 4.39E-08 | 4.29E-08 | 2.05E-09 | 2.04E-08 | 1.04E-09 | 1.03E-09 | 1.01E-09 | 1.00E-09 |
| 168179.070484189390 | 168179.07 | 3909605.11 | FENCEGRD | 5.41E-09 | 5.52E-09 | 5.66E-09 | 5.78E-09 | 7.32E-10 | 2.73E-09 | 1.95E-10 | 1.97E-10 | 1.98E-10 | 2.00E-10 |
| 168190.518984189390 | 168190.52 | 3909583.35 | FENCEGRD | 5.24E-09 | 5.34E-09 | 5.47E-09 | 5.60E-09 | 7.26E-10 | 2.74E-09 | 1.96E-10 | 1.97E-10 | 1.99E-10 | 2.01E-10 |
| 168201.967484189390 | 168201.97 | 3909561.59 | FENCEGRD | 5.05E-09 | 5.15E-09 | 5.27E-09 | 5 | | | | | | |

3rd Trimester Dose

| | | | | 3rd Trimester Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167691.681442745390 | 167691.68 | 3908875.12 | FENCEGRD | 1.23E-07 | 1.12E-07 | 1.00E-07 | 9.10E-08 | 4.04E-09 | 3.80E-08 | 1.57E-09 | 1.49E-09 | 1.42E-09 | 1.36E-09 |
| 167670.783442745390 | 167670.78 | 3908888.20 | FENCEGRD | 1.04E-07 | 9.34E-08 | 8.28E-08 | 7.50E-08 | 3.61E-09 | 3.27E-08 | 1.32E-09 | 1.25E-09 | 1.19E-09 | 1.13E-09 |
| 167762.006885491390 | 167762.01 | 3908801.59 | FENCEGRD | 1.33E-07 | 1.25E-07 | 1.17E-07 | 1.10E-07 | 4.59E-09 | 4.37E-08 | 1.91E-09 | 1.85E-09 | 1.79E-09 | 1.74E-09 |
| 167741.108885491390 | 167741.11 | 3908814.67 | FENCEGRD | 1.25E-07 | 1.17E-07 | 1.08E-07 | 1.01E-07 | 4.29E-09 | 3.60E-08 | 1.75E-09 | 1.68E-09 | 1.62E-09 | 1.57E-09 |
| 167720.210885491390 | 167720.21 | 3908827.76 | FENCEGRD | 1.16E-07 | 1.07E-07 | 9.80E-08 | 9.07E-08 | 3.99E-09 | 2.99E-08 | 1.58E-09 | 1.52E-09 | 1.46E-09 | 1.40E-09 |
| 167699.312885491390 | 167699.31 | 3908840.84 | FENCEGRD | 1.03E-07 | 9.46E-08 | 8.58E-08 | 7.90E-08 | 3.64E-09 | 2.48E-08 | 1.38E-09 | 1.32E-09 | 1.27E-09 | 1.21E-09 |
| 167678.414885491390 | 167678.41 | 3908853.93 | FENCEGRD | 9.03E-08 | 8.24E-08 | 7.43E-08 | 6.81E-08 | 3.32E-09 | 2.17E-08 | 1.20E-09 | 1.14E-09 | 1.09E-09 | 1.04E-09 |
| 167657.516885491390 | 167657.52 | 3908867.01 | FENCEGRD | 7.72E-08 | 7.01E-08 | 6.29E-08 | 5.77E-08 | 3.00E-09 | 1.99E-08 | 1.02E-09 | 9.73E-10 | 9.27E-10 | 8.85E-10 |
| 167794.142777813390 | 167794.14 | 3908784.69 | FENCEGRD | 1.38E-07 | 1.34E-07 | 1.27E-07 | 1.21E-07 | 5.01E-09 | 5.32E-08 | 2.12E-09 | 2.08E-09 | 2.02E-09 | 1.97E-09 |
| 167816.844002601390 | 167816.84 | 3908786.84 | FENCEGRD | 1.44E-07 | 1.40E-07 | 1.37E-07 | 1.33E-07 | 5.50E-09 | 6.57E-08 | 2.26E-09 | 2.23E-09 | 2.20E-09 | 2.17E-09 |
| 167748.740328236390 | 167748.74 | 3908780.40 | FENCEGRD | 1.06E-07 | 1.00E-07 | 9.29E-08 | 8.71E-08 | 3.92E-09 | 3.00E-08 | 1.57E-09 | 1.51E-09 | 1.46E-09 | 1.42E-09 |
| 167727.842328236390 | 167727.84 | 3908793.49 | FENCEGRD | 9.99E-08 | 9.32E-08 | 8.59E-08 | 8.00E-08 | 3.68E-09 | 2.49E-08 | 1.43E-09 | 1.38E-09 | 1.33E-09 | 1.29E-09 |
| 167706.944328236390 | 167706.94 | 3908806.57 | FENCEGRD | 9.07E-08 | 8.40E-08 | 7.69E-08 | 7.14E-08 | 3.40E-09 | 2.03E-08 | 1.28E-09 | 1.23E-09 | 1.18E-09 | 1.14E-09 |
| 167686.046328236390 | 167686.05 | 3908819.65 | FENCEGRD | 8.13E-08 | 7.48E-08 | 6.81E-08 | 6.30E-08 | 3.12E-09 | 1.70E-08 | 1.13E-09 | 1.08E-09 | 1.03E-09 | 9.94E-10 |
| 167665.148328236390 | 167665.15 | 3908832.74 | FENCEGRD | 7.10E-08 | 6.51E-08 | 5.91E-08 | 5.46E-08 | 2.84E-09 | 1.48E-08 | 9.73E-10 | 9.32E-10 | 8.91E-10 | 8.55E-10 |
| 167644.250328236390 | 167644.25 | 3908845.82 | FENCEGRD | 6.07E-08 | 5.56E-08 | 5.05E-08 | 4.68E-08 | 2.55E-09 | 1.35E-08 | 8.25E-10 | 7.90E-10 | 7.55E-10 | 7.25E-10 |
| 167783.903050533908 | 167783.90 | 3908763.79 | FENCEGRD | 1.20E-07 | 1.14E-07 | 1.07E-07 | 1.01E-07 | 4.44E-09 | 4.21E-08 | 1.84E-09 | 1.79E-09 | 1.74E-09 | 1.69E-09 |
| 167808.117690304390 | 167808.12 | 3908766.08 | FENCEGRD | 1.31E-07 | 1.27E-07 | 1.22E-07 | 1.17E-07 | 4.96E-09 | 5.20E-08 | 2.09E-09 | 2.05E-09 | 2.01E-09 | 1.96E-09 |
| 167868.842829443390 | 167868.84 | 3908842.58 | FENCEGRD | 1.65E-07 | 1.62E-07 | 1.59E-07 | 1.56E-07 | 6.00E-09 | 7.06E-08 | 2.76E-09 | 2.72E-09 | 2.67E-09 | 2.62E-09 |
| 167735.473770981390 | 167735.47 | 3908759.21 | FENCEGRD | 8.91E-08 | 8.35E-08 | 7.74E-08 | 7.25E-08 | 3.47E-09 | 2.31E-08 | 1.34E-09 | 1.30E-09 | 1.25E-09 | 1.21E-09 |
| 167714.575770981390 | 167714.58 | 3908772.30 | FENCEGRD | 8.22E-08 | 7.66E-08 | 7.06E-08 | 6.58E-08 | 3.23E-09 | 1.90E-08 | 1.21E-09 | 1.17E-09 | 1.12E-09 | 1.08E-09 |
| 167693.677770981390 | 167693.68 | 3908785.38 | FENCEGRD | 7.43E-08 | 6.89E-08 | 6.31E-08 | 5.87E-08 | 2.98E-09 | 1.55E-08 | 1.07E-09 | 1.03E-09 | 9.93E-10 | 9.56E-10 |
| 167672.779770981390 | 167672.78 | 3908798.46 | FENCEGRD | 6.59E-08 | 6.09E-08 | 5.57E-08 | 5.17E-08 | 2.72E-09 | 1.29E-08 | 9.39E-10 | 9.01E-10 | 8.65E-10 | 8.32E-10 |
| 167651.881770981390 | 167651.88 | 3908811.55 | FENCEGRD | 5.75E-08 | 5.31E-08 | 4.86E-08 | 4.53E-08 | 2.46E-09 | 1.11E-08 | 8.08E-10 | 7.75E-10 | 7.44E-10 | 7.16E-10 |
| 167630.983770981390 | 167630.98 | 3908824.63 | FENCEGRD | 4.94E-08 | 4.58E-08 | 4.21E-08 | 3.94E-08 | 2.20E-09 | 9.93E-09 | 6.86E-10 | 6.60E-10 | 6.34E-10 | 6.11E-10 |
| 167731.641881263908 | 167731.64 | 3908718.98 | FENCEGRD | 7.35E-08 | 6.91E-08 | 6.43E-08 | 6.04E-08 | 3.08E-09 | 1.91E-08 | 1.16E-09 | 1.12E-09 | 1.09E-09 | 1.05E-09 |
| 167754.343106049390 | 167754.34 | 3908721.12 | FENCEGRD | 8.52E-08 | 8.04E-08 | 7.51E-08 | 7.08E-08 | 3.47E-09 | 2.48E-08 | 1.36E-09 | 1.31E-09 | 1.27E-09 | 1.23E-09 |
| 167777.044330837390 | 167777.04 | 3908723.27 | FENCEGRD | 9.72E-08 | 9.22E-08 | 8.67E-08 | 8.20E-08 | 3.89E-09 | 3.17E-08 | 1.57E-09 | 1.52E-09 | 1.48E-09 | 1.43E-09 |
| 167799.745555625390 | 167799.75 | 3908725.42 | FENCEGRD | 1.07E-07 | 1.03E-07 | 9.78E-08 | 9.31E-08 | 4.29E-09 | 3.80E-08 | 1.77E-09 | 1.72E-09 | 1.68E-09 | 1.64E-09 |
| 167822.446780414390 | 167822.45 | 3908727.56 | FENCEGRD | 1.13E-07 | 1.10E-07 | 1.07E-07 | 1.03E-07 | 4.67E-09 | 4.45E-08 | 1.91E-09 | 1.89E-09 | 1.85E-09 | 1.82E-09 |
| 167845.148005202390 | 167845.15 | 3908729.71 | FENCEGRD | 1.18E-07 | 1.16E-07 | 1.13E-07 | 1.11E-07 | 5.00E-09 | 5.09E-08 | 2.02E-09 | 2.00E-09 | 1.98E-09 | 1.96E-09 |
| 167902.077823145390 | 167902.08 | 3908801.43 | FENCEGRD | 1.47E-07 | 1.44E-07 | 1.42E-07 | 1.39E-07 | 5.69E-09 | 6.80E-08 | 2.49E-09 | 2.45E-09 | 2.42E-09 | 2.38E-09 |
| 167905.920279267390 | 167905.92 | 3908823.90 | FENCEGRD | 1.48E-07 | 1.47E-07 | 1.45E-07 | 1.43E-07 | 5.96E-09 | 6.56E-08 | 2.73E-09 | 2.69E-09 | 2.65E-09 | 2.62E-09 |
| 167909.762735389390 | 167909.76 | 3908846.38 | FENCEGRD | 1.48E-07 | 1.49E-07 | 1.48E-07 | 1.48E-07 | 6.39E-09 | 5.97E-08 | 3.00E-09 | 2.97E-09 | 2.93E-09 | 2.90E-09 |
| 167913.605191511390 | 167913.61 | 3908868.86 | FENCEGRD | 1.43E-07 | 1.46E-07 | 1.48E-07 | 1.49E-07 | 6.90E-09 | 5.37E-08 | 3.24E-09 | 3.22E-09 | 3.20E-09 | 3.18E-09 |
| 167917.447647633390 | 167917.45 | 3908891.33 | FENCEGRD | 1.37E-07 | 1.41E-07 | 1.46E-07 | 1.49E-07 | 7.45E-09 | 4.80E-08 | 3.41E-09 | 3.42E-09 | 3.42E-09 | 3.42E-09 |
| 167708.940656472390 | 167708.94 | 3908716.83 | FENCEGRD | 6.30E-08 | 5.90E-08 | 5.47E-08 | 5.14E-08 | 2.73E-09 | 1.49E-08 | 9.89E-10 | 9.56E-10 | 9.23E-10 | 8.93E-10 |
| 167688.042656472390 | 167688.04 | 3908729.92 | FENCEGRD | 5.70E-08 | 5.33E-08 | 4.93E-08 | 4.63E-08 | 2.51E-09 | 1.23E-08 | 8.78E-10 | 8.47E-10 | 8.17E-10 | 7.90E-10 |
| 167667.144656472390 | 167667.14 | 3908743.00 | FENCEGRD | 5.11E-08 | 4.77E-08 | 4.42E-08 | 4.15E-08 | 2.29E-09 | 1.02E-08 | 7.71E-10 | 7.44E-10 | 7.17E-10 | 6.93E-10 |
| 167646.246656472390 | 167646.25 | 3908756.08 | FENCEGRD | 4.54E-08 | 4.25E-08 | 3.95E-08 | 3.72E-08 | 2.08E-09 | 8.59E-09 | 6.72E-10 | 6.49E-10 | 6.26E-10 | 6.06E-10 |
| 167625.348656472390 | 167625.35 | 3908769.17 | FENCEGRD | 4.03E-08 | 3.78E-08 | 3.53E-08 | 3.33E-08 | 1.87E-09 | 7.38E-09 | 5.83E-10 | 5.64E-10 | 5.46E-10 | 5.29E-10 |
| 167604.450656472390 | 167604.45 | 3908782.25 | FENCEGRD | 3.56E-08 | 3.35E-08 | 3.13E-08 | 2.96E-08 | 1.68E-09 | 6.55E-09 | 5.07E-10 | 4.92E-10 | 4.77E-10 | 4.63E-10 |
| 167706.622181736390 | 167706.62 | 3908676.74 | FENCEGRD | 5.41E-08 | 5.09E-08 | 4.75E-08 | 4.48E-08 | 2.48E-09 | 1.34E-08 | 8.87E-10 | 8.59E-10 | 8.31E-10 | 8.05E-10 |
| 167730.836821511390 | 167730.84 | 3908679.03 | FENCEGRD | 6.35E-08 | 5.99E-08 | 5.59E-08 | 5.28E-08 | 2.83E-09 | 1.72E-08 | 1.05E-09 | 1.02E-09 | 9.86E-10 | 9.56E-10 |
| 167755.051461285390 | 167755.05 | 3908681.32 | FENCEGRD | 7.42E-08 | 7.02E-08 | 6.58E-08 | 6.22E-08 | 3.22E-09 | 2.20E-08 | 1.24E-09 | 1.21E-09 | 1.17E-09 | 1.13E-09 |
| 167779.266101059390 | 167779.27 | 3908683.61 | FENCEGRD | 8.16E-08 | 7.89E-08 | 7.60E-08 | 7.29E-08 | 3.67E-09 | 2.61E-08 | 1.42E-09 | 1.40E-09 | 1.37E-09 | 1.34E-09 |
| 167803.480740834390 | 167803.48 | 3908685.90 | FENCEGRD | 8.69E-08 | 8.43E-08 | 8.15E-08 | 7.92E-08 | 4.06E-09 | 3.05E-08 | 1.51E-09 | 1.49E-09 | 1.46E-09 | 1.44E-09 |
| 167827.695380608390 | 167827.70 | 3908688.19 | FENCEGRD | 9.35E-08 | 9.11E-08 | 8.86E-08 | 8.64E-08 | 4.32E-09 | 3.59E-08 | 1.64E-09 | 1.62E-09 | 1.59E-09 | 1.57E-09 |
| 167851.910020382390 | 167851.91 | 3908690.47 | FENCEGRD | 9.86E-08 | 9.65E-08 | 9.42E-08 | 9.22E-08 | 4.52E-09 | 4.10E-08 | 1.74E-09 | 1.72E-09 | 1.70E-09 | 1.68E-09 |
| 167876.124660157390 | 167876.12 | 3908692.76 | FENCEGRD | 1.02E-07 | 9.97E-08 | 9.77E-08 | 9.59E-08 | 4.62E-09 | 4.53E-08 | 1.80E-09 | 1.78E-09 | 1.76E-09 | 1.74E-09 |
| 167900.339299931390 | 167900.34 | 3908695.05 | FENCEGRD | 1.07E-07 | 1.05E-07 | 1.03E-07 | 1.02E-07 | 4.88E-09 | 4.99E-08 | 1.92E-09 | 1.90E-09 | 1.88E-09 | 1.86E-09 |
| 167936.849799296390 | 167936.85 | 3908769.26 | FENCEGRD | 1.44E-07 | 1.42E-07 | 1.40E-07 | 1.38E-07 | 6.02E-09 | 6.03E-08 | 2.50E-09 | 2.48E-09 | 2.45E-09 | 2.42E-09 |
| 167940.948419159390 | 167940.95 | 3908793.24 | FENCEGRD | 1.51E-07 | 1.49E-07 | 1.48E-07 | 1.46E-07 | 6.17E-09 | 5.70E-08 | 2.62E-09 | 2.59E-09 | 2.57E-09 | 2.54E-09 |
| 167945.047039022390 | 167945.05 | 3908817.21 | FENCEGRD | 1.57E-07 | 1.57E-07 | 1.56E-07 | 1.55E-07 | 6.45E-09 | 5.29E-08 | 2.78E-09 | 2.76E-09 | 2.74E-09 | 2.71E-09 |
| 167949.145658886390 | 167949.15 | 3908841.19 | FENCEGRD | 1.61E-07 | 1.62E-07 | 1.63E-07 | 1.63E-07 | 6.82E-09 | 4.87E-08 | 2.95E-09 | 2.94E-09 | 2.93E-09 | 2.91E-09 |
| 167953.244278749390 | 167953.24 | 3908865.16 | FENCEGRD | 1.59E-07 | 1.62E-07 | 1.66E-07 | 1.68E-07 | 7.25E-09 | 4.45E-08 | 3.09E-09 | 3.09E-09 | 3.10E-09 | 3.09E-09 |
| 167957.342898613390 | 167957.34 | 3908889.14 | FENCEGRD | 1.52E-07 | 1.57E-07 | 1.62E-07 | 1.66E-07 | 7.70E-09 | 4.04E-08 | 3.17E-09 | 3.19E-09 | 3.21E-09 | 3.23E-09 |
| 167961.441518476390 | 167961.44 | 3908913.11 | FENCEGRD | 1.46E-07 | 1.52E-07 | 1.59E-07 | 1.64E-07 | 8.13E-09 | 3.59E-08 | 3.16E-09 | 3.19E-09 | 3.23E-09 | 3.26E-09 |
| 167682.407541962390 | 167682.41 | 3908674.45 | FENCEGRD | 4.59E-08 | 4.32E-08 | 4.03E-08 | 3.81E-08 | 2.17E-09 | 1.05E-08 | 7.45E-10 | 7.22E-10 | 6.98E-10 | 6.77E-10 |
| 167661.509541962390 | 167661.51 | 3908687.54 | FENCEGRD | 4.14E-08 | 3.90E-08 | 3.65E-08 | 3.45E-08 | 1.98E-09 | 8.84E-09 | 6.57E-10 | 6.36E-10 | 6.16E-10 | 5.97E-10 |
| 167640.611541962390 | 167640.61 | 3908700.62 | FENCEGRD | 3.72E-08 | 3.51E-08 | 3.30E-08 | 3.13E-08 | 1.79E-09 | 7.45E-09 | 5.76E-10 | 5.58E-10 | 5.41E-10 | 5.26E-10 |
| 167619.713541962390 | 167619.71 | 3908713.71 | FENCEGRD | 3.36E-08 | 3.18E-08 | 3.00E-08 | 2 | | | | | | |

3rd Trimester Dose

| | | | | 3rd Trimester Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.849192287390 | 168005.85 | 3908937.31 | FENCEGRD | 1.25E-07 | 1.31E-07 | 1.38E-07 | 1.44E-07 | 8.24E-09 | 2.67E-08 | 2.69E-09 | 2.74E-09 | 2.79E-09 | 2.83E-09 |
| 167655.874427453390 | 167655.87 | 3908632.07 | FENCEGRD | 3.42E-08 | 3.24E-08 | 3.06E-08 | 2.92E-08 | 1.72E-09 | 7.81E-09 | 5.66E-10 | 5.50E-10 | 5.35E-10 | 5.21E-10 |
| 167634.976427453390 | 167634.98 | 3908645.16 | FENCEGRD | 3.13E-08 | 2.97E-08 | 2.82E-08 | 2.69E-08 | 1.57E-09 | 6.70E-09 | 5.04E-10 | 4.91E-10 | 4.78E-10 | 4.66E-10 |
| 167614.078427453390 | 167614.08 | 3908658.24 | FENCEGRD | 2.87E-08 | 2.74E-08 | 2.60E-08 | 2.49E-08 | 1.43E-09 | 5.80E-09 | 4.52E-10 | 4.41E-10 | 4.30E-10 | 4.19E-10 |
| 167593.180427453390 | 167593.18 | 3908671.33 | FENCEGRD | 2.65E-08 | 2.53E-08 | 2.40E-08 | 2.29E-08 | 1.31E-09 | 5.09E-09 | 4.07E-10 | 3.98E-10 | 3.88E-10 | 3.79E-10 |
| 167572.282427453390 | 167572.28 | 3908684.41 | FENCEGRD | 2.42E-08 | 2.31E-08 | 2.18E-08 | 2.09E-08 | 1.20E-09 | 4.50E-09 | 3.67E-10 | 3.58E-10 | 3.50E-10 | 3.42E-10 |
| 167551.384427453390 | 167551.38 | 3908697.49 | FENCEGRD | 2.18E-08 | 2.07E-08 | 1.96E-08 | 1.87E-08 | 1.10E-09 | 4.02E-09 | 3.28E-10 | 3.20E-10 | 3.12E-10 | 3.04E-10 |
| 167653.555952718390 | 167653.56 | 3908591.98 | FENCEGRD | 3.06E-08 | 2.92E-08 | 2.77E-08 | 2.65E-08 | 1.59E-09 | 7.39E-09 | 5.23E-10 | 5.09E-10 | 4.96E-10 | 4.84E-10 |
| 167677.770592492390 | 167677.77 | 3908594.27 | FENCEGRD | 3.53E-08 | 3.35E-08 | 3.16E-08 | 3.02E-08 | 1.81E-09 | 8.99E-09 | 6.14E-10 | 5.96E-10 | 5.80E-10 | 5.64E-10 |
| 167701.985232266390 | 167701.99 | 3908596.56 | FENCEGRD | 4.11E-08 | 3.90E-08 | 3.68E-08 | 3.50E-08 | 2.08E-09 | 1.12E-08 | 7.29E-10 | 7.08E-10 | 6.87E-10 | 6.68E-10 |
| 167726.199872043908 | 167726.20 | 3908598.85 | FENCEGRD | 4.75E-08 | 4.54E-08 | 4.28E-08 | 4.07E-08 | 2.38E-09 | 1.35E-08 | 8.62E-10 | 8.38E-10 | 8.14E-10 | 7.91E-10 |
| 167750.414511815390 | 167750.41 | 3908601.14 | FENCEGRD | 5.14E-08 | 4.97E-08 | 4.80E-08 | 4.67E-08 | 2.71E-09 | 1.55E-08 | 9.63E-10 | 9.46E-10 | 9.27E-10 | 9.11E-10 |
| 167774.629151589390 | 167774.63 | 3908603.43 | FENCEGRD | 5.54E-08 | 5.35E-08 | 5.15E-08 | 4.99E-08 | 2.92E-09 | 1.78E-08 | 1.03E-09 | 1.01E-09 | 9.93E-10 | 9.75E-10 |
| 167798.843791363390 | 167798.84 | 3908605.72 | FENCEGRD | 5.95E-08 | 5.76E-08 | 5.55E-08 | 5.38E-08 | 3.05E-09 | 2.06E-08 | 1.11E-09 | 1.09E-09 | 1.07E-09 | 1.05E-09 |
| 167823.058431138390 | 167823.06 | 3908608.00 | FENCEGRD | 6.44E-08 | 6.25E-08 | 6.03E-08 | 5.86E-08 | 3.24E-09 | 2.39E-08 | 1.20E-09 | 1.18E-09 | 1.16E-09 | 1.14E-09 |
| 167847.273070912390 | 167847.27 | 3908610.29 | FENCEGRD | 6.94E-08 | 6.76E-08 | 6.56E-08 | 6.40E-08 | 3.46E-09 | 2.74E-08 | 1.30E-09 | 1.28E-09 | 1.26E-09 | 1.25E-09 |
| 167871.487710686390 | 167871.49 | 3908612.58 | FENCEGRD | 7.36E-08 | 7.20E-08 | 7.03E-08 | 6.86E-08 | 3.66E-09 | 3.08E-08 | 1.39E-09 | 1.37E-09 | 1.36E-09 | 1.34E-09 |
| 167895.702350461390 | 167895.70 | 3908614.87 | FENCEGRD | 7.72E-08 | 7.58E-08 | 7.43E-08 | 7.28E-08 | 3.84E-09 | 3.39E-08 | 1.47E-09 | 1.45E-09 | 1.44E-09 | 1.42E-09 |
| 167919.916990235390 | 167919.92 | 3908617.16 | FENCEGRD | 8.02E-08 | 7.89E-08 | 7.76E-08 | 7.63E-08 | 4.00E-09 | 3.67E-08 | 1.54E-09 | 1.53E-09 | 1.51E-09 | 1.50E-09 |
| 167944.131630009390 | 167944.13 | 3908619.45 | FENCEGRD | 8.25E-08 | 8.13E-08 | 8.01E-08 | 7.91E-08 | 4.12E-09 | 3.93E-08 | 1.60E-09 | 1.59E-09 | 1.57E-09 | 1.56E-09 |
| 167968.346269784390 | 167968.35 | 3908621.74 | FENCEGRD | 8.68E-08 | 8.56E-08 | 8.43E-08 | 8.33E-08 | 4.36E-09 | 4.23E-08 | 1.70E-09 | 1.69E-09 | 1.67E-09 | 1.66E-09 |
| 167996.659529421390 | 167996.66 | 3908648.00 | FENCEGRD | 1.02E-07 | 1.01E-07 | 9.94E-08 | 9.83E-08 | 5.17E-09 | 5.09E-08 | 2.05E-09 | 2.04E-09 | 2.03E-09 | 2.01E-09 |
| 168000.758149285390 | 168000.76 | 3908671.98 | FENCEGRD | 1.11E-07 | 1.09E-07 | 1.08E-07 | 1.07E-07 | 5.49E-09 | 5.42E-08 | 2.22E-09 | 2.21E-09 | 2.19E-09 | 2.18E-09 |
| 168004.856769148390 | 168004.86 | 3908695.95 | FENCEGRD | 1.19E-07 | 1.18E-07 | 1.17E-07 | 1.16E-07 | 5.86E-09 | 5.56E-08 | 2.36E-09 | 2.35E-09 | 2.34E-09 | 2.32E-09 |
| 168008.955389012390 | 168008.96 | 3908719.92 | FENCEGRD | 1.27E-07 | 1.26E-07 | 1.25E-07 | 1.24E-07 | 6.13E-09 | 5.46E-08 | 2.47E-09 | 2.46E-09 | 2.44E-09 | 2.43E-09 |
| 168013.054008875390 | 168013.05 | 3908743.90 | FENCEGRD | 1.33E-07 | 1.33E-07 | 1.32E-07 | 1.32E-07 | 6.34E-09 | 5.21E-08 | 2.57E-09 | 2.56E-09 | 2.55E-09 | 2.53E-09 |
| 168017.152628739390 | 168017.15 | 3908767.87 | FENCEGRD | 1.39E-07 | 1.40E-07 | 1.40E-07 | 1.40E-07 | 6.70E-09 | 4.91E-08 | 2.69E-09 | 2.69E-09 | 2.68E-09 | 2.68E-09 |
| 168021.251248602390 | 168021.25 | 3908791.85 | FENCEGRD | 1.43E-07 | 1.44E-07 | 1.46E-07 | 1.47E-07 | 7.03E-09 | 4.52E-08 | 2.78E-09 | 2.79E-09 | 2.79E-09 | 2.79E-09 |
| 168025.349868465390 | 168025.35 | 3908815.82 | FENCEGRD | 1.44E-07 | 1.46E-07 | 1.49E-07 | 1.51E-07 | 7.32E-09 | 4.12E-08 | 2.83E-09 | 2.84E-09 | 2.85E-09 | 2.86E-09 |
| 168029.448488329390 | 168029.45 | 3908839.80 | FENCEGRD | 1.42E-07 | 1.46E-07 | 1.49E-07 | 1.52E-07 | 7.58E-09 | 3.73E-08 | 2.83E-09 | 2.85E-09 | 2.87E-09 | 2.89E-09 |
| 168033.547108192390 | 168033.55 | 3908863.77 | FENCEGRD | 1.38E-07 | 1.42E-07 | 1.46E-07 | 1.50E-07 | 7.79E-09 | 3.36E-08 | 2.79E-09 | 2.82E-09 | 2.85E-09 | 2.88E-09 |
| 168037.645728056390 | 168037.65 | 3908887.75 | FENCEGRD | 1.31E-07 | 1.35E-07 | 1.41E-07 | 1.45E-07 | 7.91E-09 | 3.00E-08 | 2.71E-09 | 2.74E-09 | 2.78E-09 | 2.81E-09 |
| 168041.744347919390 | 168041.74 | 3908911.72 | FENCEGRD | 1.20E-07 | 1.26E-07 | 1.31E-07 | 1.36E-07 | 7.92E-09 | 2.68E-08 | 2.58E-09 | 2.62E-09 | 2.66E-09 | 2.70E-09 |
| 168045.842967783390 | 168045.84 | 3908935.70 | FENCEGRD | 1.07E-07 | 1.13E-07 | 1.19E-07 | 1.24E-07 | 7.82E-09 | 2.38E-08 | 2.41E-09 | 2.45E-09 | 2.50E-09 | 2.54E-09 |
| 168049.941587646390 | 168049.94 | 3908959.67 | FENCEGRD | 9.22E-08 | 9.74E-08 | 1.03E-07 | 1.09E-07 | 7.62E-09 | 2.11E-08 | 2.19E-09 | 2.24E-09 | 2.29E-09 | 2.33E-09 |
| 167629.341312943390 | 167629.34 | 3908589.69 | FENCEGRD | 2.70E-08 | 2.59E-08 | 2.47E-08 | 2.37E-08 | 1.40E-09 | 6.21E-09 | 4.53E-10 | 4.43E-10 | 4.32E-10 | 4.22E-10 |
| 167608.443312943390 | 167608.44 | 3908602.78 | FENCEGRD | 2.52E-08 | 2.42E-08 | 2.30E-08 | 2.21E-08 | 1.29E-09 | 5.44E-09 | 4.12E-10 | 4.02E-10 | 3.93E-10 | 3.85E-10 |
| 167587.545312943390 | 167587.55 | 3908615.86 | FENCEGRD | 2.34E-08 | 2.25E-08 | 2.14E-08 | 2.06E-08 | 1.19E-09 | 4.79E-09 | 3.75E-10 | 3.67E-10 | 3.59E-10 | 3.51E-10 |
| 167566.647312943390 | 167566.65 | 3908628.95 | FENCEGRD | 2.16E-08 | 2.07E-08 | 1.97E-08 | 1.89E-08 | 1.09E-09 | 4.25E-09 | 3.41E-10 | 3.33E-10 | 3.26E-10 | 3.19E-10 |
| 167545.749312943390 | 167545.75 | 3908642.03 | FENCEGRD | 1.97E-08 | 1.89E-08 | 1.79E-08 | 1.72E-08 | 1.01E-09 | 3.79E-09 | 3.08E-10 | 3.01E-10 | 2.94E-10 | 2.87E-10 |
| 167524.851312943390 | 167524.85 | 3908655.11 | FENCEGRD | 1.78E-08 | 1.71E-08 | 1.62E-08 | 1.56E-08 | 9.44E-10 | 3.42E-09 | 2.75E-10 | 2.69E-10 | 2.62E-10 | 2.56E-10 |
| 167600.489723699390 | 167600.49 | 3908507.23 | FENCEGRD | 2.12E-08 | 2.05E-08 | 1.97E-08 | 1.90E-08 | 1.13E-09 | 5.20E-09 | 3.70E-10 | 3.63E-10 | 3.56E-10 | 3.49E-10 |
| 167624.704363473390 | 167624.70 | 3908509.51 | FENCEGRD | 2.30E-08 | 2.22E-08 | 2.13E-08 | 2.05E-08 | 1.24E-09 | 5.89E-09 | 4.08E-10 | 4.00E-10 | 3.91E-10 | 3.83E-10 |
| 167648.919003247390 | 167648.92 | 3908511.80 | FENCEGRD | 2.53E-08 | 2.43E-08 | 2.32E-08 | 2.23E-08 | 1.38E-09 | 6.77E-09 | 4.57E-10 | 4.47E-10 | 4.37E-10 | 4.27E-10 |
| 167673.133643022390 | 167673.13 | 3908514.09 | FENCEGRD | 2.82E-08 | 2.70E-08 | 2.57E-08 | 2.47E-08 | 1.54E-09 | 7.91E-09 | 5.20E-10 | 5.07E-10 | 4.95E-10 | 4.83E-10 |
| 167697.348282796390 | 167697.35 | 3908516.38 | FENCEGRD | 3.15E-08 | 3.01E-08 | 2.86E-08 | 2.74E-08 | 1.72E-09 | 9.27E-09 | 5.92E-10 | 5.77E-10 | 5.62E-10 | 5.49E-10 |
| 167721.562922573908 | 167721.56 | 3908518.67 | FENCEGRD | 3.56E-08 | 3.40E-08 | 3.23E-08 | 3.09E-08 | 1.93E-09 | 1.10E-08 | 6.81E-10 | 6.63E-10 | 6.46E-10 | 6.30E-10 |
| 167745.777562345390 | 167745.78 | 3908520.96 | FENCEGRD | 3.93E-08 | 3.83E-08 | 3.68E-08 | 3.53E-08 | 2.18E-09 | 1.25E-08 | 7.81E-10 | 7.68E-10 | 7.51E-10 | 7.34E-10 |
| 167769.992202119390 | 167769.99 | 3908523.25 | FENCEGRD | 4.17E-08 | 4.05E-08 | 3.92E-08 | 3.81E-08 | 2.42E-09 | 1.38E-08 | 8.31E-10 | 8.18E-10 | 8.03E-10 | 7.90E-10 |
| 167794.206841893390 | 167794.21 | 3908525.54 | FENCEGRD | 4.45E-08 | 4.31E-08 | 4.17E-08 | 4.06E-08 | 2.51E-09 | 1.55E-08 | 8.85E-10 | 8.71E-10 | 8.55E-10 | 8.41E-10 |
| 167818.421481668390 | 167818.42 | 3908527.82 | FENCEGRD | 4.83E-08 | 4.69E-08 | 4.54E-08 | 4.42E-08 | 2.69E-09 | 1.77E-08 | 9.64E-10 | 9.49E-10 | 9.32E-10 | 9.17E-10 |
| 167842.636121442390 | 167842.64 | 3908530.11 | FENCEGRD | 5.26E-08 | 5.12E-08 | 4.97E-08 | 4.85E-08 | 2.89E-09 | 2.03E-08 | 1.05E-09 | 1.04E-09 | 1.02E-09 | 1.01E-09 |
| 167866.850761216390 | 167866.85 | 3908532.40 | FENCEGRD | 5.63E-08 | 5.50E-08 | 5.36E-08 | 5.24E-08 | 3.07E-09 | 2.29E-08 | 1.13E-09 | 1.12E-09 | 1.10E-09 | 1.09E-09 |
| 167891.065400991390 | 167891.07 | 3908534.69 | FENCEGRD | 5.99E-08 | 5.85E-08 | 5.72E-08 | 5.61E-08 | 3.24E-09 | 2.54E-08 | 1.21E-09 | 1.20E-09 | 1.18E-09 | 1.17E-09 |
| 167915.280040765390 | 167915.28 | 3908536.98 | FENCEGRD | 6.28E-08 | 6.16E-08 | 6.04E-08 | 5.94E-08 | 3.40E-09 | 2.77E-08 | 1.28E-09 | 1.27E-09 | 1.25E-09 | 1.24E-09 |
| 167939.494680539390 | 167939.49 | 3908539.27 | FENCEGRD | 6.55E-08 | 6.45E-08 | 6.35E-08 | 6.26E-08 | 3.57E-09 | 2.99E-08 | 1.35E-09 | 1.34E-09 | 1.32E-09 | 1.31E-09 |
| 167963.709320314390 | 167963.71 | 3908541.56 | FENCEGRD | 6.82E-08 | 6.73E-08 | 6.64E-08 | 6.56E-08 | 3.74E-09 | 3.21E-08 | 1.42E-09 | 1.41E-09 | 1.39E-09 | 1.38E-09 |
| 167987.923960088390 | 167987.92 | 3908543.84 | FENCEGRD | 7.14E-08 | 7.05E-08 | 6.96E-08 | 6.89E-08 | 3.96E-09 | 3.46E-08 | 1.50E-09 | 1.49E-09 | 1.48E-09 | 1.47E-09 |
| 168012.138599862390 | 168012.14 | 3908546.13 | FENCEGRD | 7.58E-08 | 7.49E-08 | 7.40E-08 | 7.28E-08 | 4.15E-09 | 3.87E-08 | 1.66E-09 | 1.65E-09 | 1.64E-09 | 1.62E-09 |
| 168036.353239637390 | 168036.35 | 3908548.42 | FENCEGRD | 7.79E-08 | 7.63E-08 | 7.46E-08 | 7.31E-08 | 4.15E-09 | 4.16E-08 | 1.70E-09 | 1.67E-09 | 1.65E-09 | 1.63E-09 |
| 168064.666499274390 | 168064.67 | 3908574.69 | FENCEGRD | 8.55E-08 | 8.43E-08 | 8.28E-08 | 8.12E-08 | 4.58E-09 | 4.55E-08 | 1.89E-09 | 1.87E-09 | 1.85E-09 | 1.83E-09 |
| 168068.765119138390 | 168068.77 | 3908598.66 | FENCEGRD | 9.12E-08 | 9.03E-08 | 8.92E-08 | 8 | | | | | | |

3rd Trimester Dose

| | | | | 3rd Trimester Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167471.785083924390 | 167471.79 | 3908570.36 | FENCEGRD | 1.35E-08 | 1.30E-08 | 1.24E-08 | 1.20E-08 | 7.52E-10 | 2.77E-09 | 2.11E-10 | 2.07E-10 | 2.02E-10 | 1.98E-10 |
| 167547.423494683908 | 167547.42 | 3908422.47 | FENCEGRD | 1.50E-08 | 1.48E-08 | 1.45E-08 | 1.44E-08 | 9.31E-10 | 3.78E-09 | 2.86E-10 | 2.84E-10 | 2.81E-10 | 2.78E-10 |
| 167571.638134454390 | 167571.64 | 3908424.76 | FENCEGRD | 1.64E-08 | 1.61E-08 | 1.59E-08 | 1.58E-08 | 1.02E-09 | 4.25E-09 | 3.13E-10 | 3.11E-10 | 3.07E-10 | 3.05E-10 |
| 167595.852774228390 | 167595.85 | 3908427.04 | FENCEGRD | 1.78E-08 | 1.76E-08 | 1.74E-08 | 1.73E-08 | 1.10E-09 | 4.80E-09 | 3.43E-10 | 3.41E-10 | 3.37E-10 | 3.34E-10 |
| 167620.067414003390 | 167620.07 | 3908429.33 | FENCEGRD | 1.93E-08 | 1.90E-08 | 1.88E-08 | 1.87E-08 | 1.18E-09 | 5.41E-09 | 3.78E-10 | 3.75E-10 | 3.71E-10 | 3.67E-10 |
| 167644.282053777390 | 167644.28 | 3908431.62 | FENCEGRD | 2.10E-08 | 2.07E-08 | 2.05E-08 | 2.00E-08 | 1.28E-09 | 6.13E-09 | 4.19E-10 | 4.14E-10 | 4.09E-10 | 4.02E-10 |
| 167668.496693551390 | 167668.50 | 3908433.91 | FENCEGRD | 2.31E-08 | 2.27E-08 | 2.21E-08 | 2.14E-08 | 1.39E-09 | 6.96E-09 | 4.66E-10 | 4.59E-10 | 4.51E-10 | 4.42E-10 |
| 167692.711333325390 | 167692.71 | 3908436.20 | FENCEGRD | 2.56E-08 | 2.49E-08 | 2.39E-08 | 2.31E-08 | 1.51E-09 | 7.95E-09 | 5.17E-10 | 5.07E-10 | 4.96E-10 | 4.85E-10 |
| 167716.925973139084 | 167716.93 | 3908438.49 | FENCEGRD | 2.82E-08 | 2.73E-08 | 2.61E-08 | 2.51E-08 | 1.65E-09 | 9.08E-09 | 5.74E-10 | 5.62E-10 | 5.49E-10 | 5.37E-10 |
| 167741.140612874390 | 167741.14 | 3908440.78 | FENCEGRD | 3.10E-08 | 2.99E-08 | 2.87E-08 | 2.76E-08 | 1.80E-09 | 1.03E-08 | 6.38E-10 | 6.25E-10 | 6.10E-10 | 5.97E-10 |
| 167765.355252648390 | 167765.36 | 3908443.07 | FENCEGRD | 3.33E-08 | 3.25E-08 | 3.16E-08 | 3.06E-08 | 1.99E-09 | 1.15E-08 | 7.04E-10 | 6.94E-10 | 6.83E-10 | 6.70E-10 |
| 167789.569892423390 | 167789.57 | 3908445.35 | FENCEGRD | 3.55E-08 | 3.46E-08 | 3.36E-08 | 3.28E-08 | 2.19E-09 | 1.27E-08 | 7.51E-10 | 7.41E-10 | 7.29E-10 | 7.19E-10 |
| 167813.784532197390 | 167813.78 | 3908447.64 | FENCEGRD | 3.83E-08 | 3.72E-08 | 3.62E-08 | 3.53E-08 | 2.32E-09 | 1.42E-08 | 8.10E-10 | 7.99E-10 | 7.86E-10 | 7.75E-10 |
| 167837.999171971390 | 167838.00 | 3908449.93 | FENCEGRD | 4.11E-08 | 4.00E-08 | 3.89E-08 | 3.80E-08 | 2.46E-09 | 1.59E-08 | 8.71E-10 | 8.59E-10 | 8.46E-10 | 8.35E-10 |
| 167862.213811746390 | 167862.21 | 3908452.22 | FENCEGRD | 4.44E-08 | 4.33E-08 | 4.22E-08 | 4.13E-08 | 2.64E-09 | 1.80E-08 | 9.46E-10 | 9.35E-10 | 9.22E-10 | 9.10E-10 |
| 167886.428451523908 | 167886.43 | 3908454.51 | FENCEGRD | 4.76E-08 | 4.66E-08 | 4.55E-08 | 4.46E-08 | 2.82E-09 | 2.01E-08 | 1.02E-09 | 1.01E-09 | 9.98E-10 | 9.87E-10 |
| 167910.643091294390 | 167910.64 | 3908456.80 | FENCEGRD | 5.05E-08 | 4.95E-08 | 4.85E-08 | 4.76E-08 | 2.98E-09 | 2.21E-08 | 1.09E-09 | 1.08E-09 | 1.07E-09 | 1.06E-09 |
| 167934.857731068390 | 167934.86 | 3908459.09 | FENCEGRD | 5.31E-08 | 5.22E-08 | 5.13E-08 | 5.04E-08 | 3.14E-09 | 2.41E-08 | 1.16E-09 | 1.15E-09 | 1.14E-09 | 1.13E-09 |
| 167959.072370843390 | 167959.07 | 3908461.38 | FENCEGRD | 5.60E-08 | 5.52E-08 | 5.43E-08 | 5.36E-08 | 3.34E-09 | 2.64E-08 | 1.24E-09 | 1.23E-09 | 1.22E-09 | 1.22E-09 |
| 167983.287010617390 | 167983.29 | 3908463.66 | FENCEGRD | 5.87E-08 | 5.79E-08 | 5.71E-08 | 5.61E-08 | 3.41E-09 | 2.87E-08 | 1.33E-09 | 1.32E-09 | 1.31E-09 | 1.30E-09 |
| 168007.501650391390 | 168007.50 | 3908465.95 | FENCEGRD | 6.06E-08 | 5.94E-08 | 5.80E-08 | 5.68E-08 | 3.43E-09 | 3.11E-08 | 1.36E-09 | 1.34E-09 | 1.33E-09 | 1.31E-09 |
| 168031.716290166390 | 168031.72 | 3908468.24 | FENCEGRD | 6.09E-08 | 5.97E-08 | 5.84E-08 | 5.72E-08 | 3.45E-09 | 3.16E-08 | 1.37E-09 | 1.35E-09 | 1.33E-09 | 1.32E-09 |
| 168055.930929943908 | 168055.93 | 3908470.53 | FENCEGRD | 6.20E-08 | 6.08E-08 | 5.95E-08 | 5.83E-08 | 3.52E-09 | 3.27E-08 | 1.40E-09 | 1.38E-09 | 1.37E-09 | 1.35E-09 |
| 168080.145569714390 | 168080.15 | 3908472.82 | FENCEGRD | 6.31E-08 | 6.19E-08 | 6.06E-08 | 5.94E-08 | 3.61E-09 | 3.39E-08 | 1.44E-09 | 1.42E-09 | 1.41E-09 | 1.39E-09 |
| 168104.360209489390 | 168104.36 | 3908475.11 | FENCEGRD | 6.43E-08 | 6.31E-08 | 6.18E-08 | 6.07E-08 | 3.70E-09 | 3.51E-08 | 1.48E-09 | 1.46E-09 | 1.45E-09 | 1.43E-09 |
| 168132.673469126390 | 168132.67 | 3908501.37 | FENCEGRD | 7.11E-08 | 7.00E-08 | 6.87E-08 | 6.75E-08 | 4.10E-09 | 3.99E-08 | 1.67E-09 | 1.65E-09 | 1.63E-09 | 1.61E-09 |
| 168136.772088993908 | 168136.77 | 3908525.35 | FENCEGRD | 7.62E-08 | 7.52E-08 | 7.39E-08 | 7.27E-08 | 4.38E-09 | 4.20E-08 | 1.79E-09 | 1.77E-09 | 1.75E-09 | 1.73E-09 |
| 168140.870708853390 | 168140.87 | 3908549.32 | FENCEGRD | 8.09E-08 | 8.02E-08 | 7.92E-08 | 7.80E-08 | 4.65E-09 | 4.36E-08 | 1.90E-09 | 1.89E-09 | 1.87E-09 | 1.85E-09 |
| 168144.969328717390 | 168144.97 | 3908573.30 | FENCEGRD | 8.57E-08 | 8.51E-08 | 8.38E-08 | 8.26E-08 | 4.88E-09 | 4.52E-08 | 2.01E-09 | 1.99E-09 | 1.97E-09 | 1.95E-09 |
| 168149.067948583908 | 168149.07 | 3908597.27 | FENCEGRD | 9.03E-08 | 8.98E-08 | 8.93E-08 | 8.86E-08 | 5.22E-09 | 4.53E-08 | 2.11E-09 | 2.10E-09 | 2.10E-09 | 2.09E-09 |
| 168153.166568444390 | 168153.17 | 3908621.24 | FENCEGRD | 9.39E-08 | 9.37E-08 | 9.36E-08 | 9.33E-08 | 5.52E-09 | 4.40E-08 | 2.14E-09 | 2.14E-09 | 2.13E-09 | 2.13E-09 |
| 168157.265188307390 | 168157.27 | 3908645.22 | FENCEGRD | 9.71E-08 | 9.73E-08 | 9.75E-08 | 9.75E-08 | 5.69E-09 | 4.29E-08 | 2.19E-09 | 2.19E-09 | 2.19E-09 | 2.19E-09 |
| 168161.363808171390 | 168161.36 | 3908669.19 | FENCEGRD | 1.00E-07 | 1.01E-07 | 1.01E-07 | 1.02E-07 | 5.95E-09 | 4.17E-08 | 2.26E-09 | 2.27E-09 | 2.27E-09 | 2.27E-09 |
| 168165.462428034390 | 168165.46 | 3908693.17 | FENCEGRD | 1.01E-07 | 1.02E-07 | 1.03E-07 | 1.04E-07 | 6.08E-09 | 3.94E-08 | 2.28E-09 | 2.29E-09 | 2.29E-09 | 2.30E-09 |
| 168169.561047897390 | 168169.56 | 3908717.14 | FENCEGRD | 1.01E-07 | 1.02E-07 | 1.04E-07 | 1.05E-07 | 6.19E-09 | 3.66E-08 | 2.27E-09 | 2.28E-09 | 2.29E-09 | 2.30E-09 |
| 168173.659667761390 | 168173.66 | 3908741.12 | FENCEGRD | 9.93E-08 | 1.01E-07 | 1.03E-07 | 1.05E-07 | 6.27E-09 | 3.38E-08 | 2.24E-09 | 2.26E-09 | 2.27E-09 | 2.29E-09 |
| 168177.758287624390 | 168177.76 | 3908765.09 | FENCEGRD | 9.82E-08 | 1.00E-07 | 1.03E-07 | 1.05E-07 | 6.41E-09 | 3.14E-08 | 2.23E-09 | 2.25E-09 | 2.27E-09 | 2.29E-09 |
| 168181.856907488390 | 168181.86 | 3908789.07 | FENCEGRD | 9.68E-08 | 9.91E-08 | 1.02E-07 | 1.04E-07 | 6.56E-09 | 2.92E-08 | 2.21E-09 | 2.23E-09 | 2.26E-09 | 2.28E-09 |
| 168185.955527351390 | 168185.96 | 3908813.04 | FENCEGRD | 9.31E-08 | 9.57E-08 | 9.88E-08 | 1.01E-07 | 6.57E-09 | 2.68E-08 | 2.15E-09 | 2.17E-09 | 2.20E-09 | 2.22E-09 |
| 168190.054147215390 | 168190.05 | 3908837.02 | FENCEGRD | 8.76E-08 | 9.05E-08 | 9.39E-08 | 9.68E-08 | 6.50E-09 | 2.43E-08 | 2.06E-09 | 2.08E-09 | 2.11E-09 | 2.14E-09 |
| 168194.152767078390 | 168194.15 | 3908860.99 | FENCEGRD | 8.11E-08 | 8.42E-08 | 8.78E-08 | 9.09E-08 | 6.39E-09 | 2.20E-08 | 1.95E-09 | 1.97E-09 | 2.01E-09 | 2.03E-09 |
| 168198.251386942390 | 168198.25 | 3908884.97 | FENCEGRD | 7.43E-08 | 7.74E-08 | 8.10E-08 | 8.43E-08 | 6.26E-09 | 1.98E-08 | 1.82E-09 | 1.85E-09 | 1.89E-09 | 1.92E-09 |
| 168202.350006805390 | 168202.35 | 3908908.94 | FENCEGRD | 6.54E-08 | 6.84E-08 | 7.18E-08 | 7.49E-08 | 5.98E-09 | 1.77E-08 | 1.66E-09 | 1.69E-09 | 1.72E-09 | 1.75E-09 |
| 168206.448626668390 | 168206.45 | 3908932.92 | FENCEGRD | 5.73E-08 | 5.99E-08 | 6.30E-08 | 6.58E-08 | 5.67E-09 | 1.58E-08 | 1.49E-09 | 1.52E-09 | 1.55E-09 | 1.58E-09 |
| 168210.547246532390 | 168210.55 | 3908956.89 | FENCEGRD | 5.08E-08 | 5.30E-08 | 5.56E-08 | 5.80E-08 | 5.36E-09 | 1.42E-08 | 1.34E-09 | 1.36E-09 | 1.39E-09 | 1.41E-09 |
| 168214.645866395390 | 168214.65 | 3908980.87 | FENCEGRD | 4.58E-08 | 4.76E-08 | 4.98E-08 | 5.18E-08 | 5.03E-09 | 1.29E-08 | 1.20E-09 | 1.22E-09 | 1.25E-09 | 1.27E-09 |
| 168218.744486259390 | 168218.74 | 3909004.84 | FENCEGRD | 4.11E-08 | 4.27E-08 | 4.45E-08 | 4.62E-08 | 4.64E-09 | 1.17E-08 | 1.08E-09 | 1.10E-09 | 1.12E-09 | 1.14E-09 |
| 168222.843106122390 | 168222.84 | 3909028.82 | FENCEGRD | 3.66E-08 | 3.80E-08 | 3.97E-08 | 4.12E-08 | 4.24E-09 | 1.06E-08 | 9.78E-10 | 9.93E-10 | 1.01E-09 | 1.02E-09 |
| 168226.941725986390 | 168226.94 | 3909052.79 | FENCEGRD | 3.22E-08 | 3.35E-08 | 3.50E-08 | 3.64E-08 | 3.84E-09 | 9.73E-09 | 8.89E-10 | 9.03E-10 | 9.16E-10 | 9.30E-10 |
| 167523.208854905390 | 167523.21 | 3908420.18 | FENCEGRD | 1.37E-08 | 1.34E-08 | 1.32E-08 | 1.30E-08 | 8.64E-10 | 3.37E-09 | 2.61E-10 | 2.59E-10 | 2.56E-10 | 2.53E-10 |
| 167502.310854905390 | 167502.31 | 3908433.26 | FENCEGRD | 1.33E-08 | 1.31E-08 | 1.29E-08 | 1.28E-08 | 8.55E-10 | 3.18E-09 | 2.51E-10 | 2.48E-10 | 2.45E-10 | 2.42E-10 |
| 167481.412854905390 | 167481.41 | 3908446.35 | FENCEGRD | 1.31E-08 | 1.29E-08 | 1.28E-08 | 1.26E-08 | 8.11E-10 | 3.02E-09 | 2.40E-10 | 2.38E-10 | 2.34E-10 | 2.32E-10 |
| 167460.514854905390 | 167460.51 | 3908459.43 | FENCEGRD | 1.29E-08 | 1.26E-08 | 1.21E-08 | 1.18E-08 | 7.53E-10 | 2.87E-09 | 2.23E-10 | 2.19E-10 | 2.15E-10 | 2.11E-10 |
| 167439.616854905390 | 167439.62 | 3908472.51 | FENCEGRD | 1.22E-08 | 1.18E-08 | 1.13E-08 | 1.09E-08 | 6.95E-10 | 2.71E-09 | 2.01E-10 | 1.97E-10 | 1.93E-10 | 1.89E-10 |
| 167418.718854905390 | 167418.72 | 3908485.60 | FENCEGRD | 1.13E-08 | 1.10E-08 | 1.06E-08 | 1.02E-08 | 6.38E-10 | 2.51E-09 | 1.81E-10 | 1.77E-10 | 1.74E-10 | 1.71E-10 |
| 167494.357265661390 | 167494.36 | 3908337.71 | FENCEGRD | 8.90E-09 | 8.73E-09 | 8.54E-09 | 8.40E-09 | 6.29E-10 | 2.57E-09 | 1.92E-10 | 1.89E-10 | 1.87E-10 | 1.84E-10 |
| 167518.571905435390 | 167518.57 | 3908340.00 | FENCEGRD | 9.91E-09 | 9.73E-09 | 9.53E-09 | 9.38E-09 | 6.73E-10 | 2.85E-09 | 2.10E-10 | 2.08E-10 | 2.05E-10 | 2.03E-10 |
| 167542.786545209390 | 167542.79 | 3908342.29 | FENCEGRD | 1.09E-08 | 1.08E-08 | 1.06E-08 | 1.04E-08 | 7.23E-10 | 3.17E-09 | 2.29E-10 | 2.26E-10 | 2.24E-10 | 2.21E-10 |
| 167567.001184984390 | 167567.00 | 3908344.57 | FENCEGRD | 1.19E-08 | 1.17E-08 | 1.16E-08 | 1.14E-08 | 7.78E-10 | 3.52E-09 | 2.47E-10 | 2.45E-10 | 2.42E-10 | 2.40E-10 |
| 167591.215824758390 | 167591.22 | 3908346.86 | FENCEGRD | 1.28E-08 | 1.26E-08 | 1.25E-08 | 1.23E-08 | 8.41E-10 | 3.90E-09 | 2.66E-10 | 2.64E-10 | 2.61E-10 | 2.59E-10 |
| 167615.430464532390 | 167615.43 | 3908349.15 | FENCEGRD | 1.38E-08 | 1.35E-08 | 1.34E-08 | 1.32E-08 | 9.11E-10 | 4.32E-09 | 2.88E-10 | 2.85E-10 | 2.81E-10 | 2.79E-10 |
| 167639.645104307390 | 167639.65 | 3908351.44 | FENCEGRD | 1.48E-08 | 1.45E-08 | 1.43E-08 | 1 | | | | | | |

3rd Trimester Dose

| | | | | 3rd Trimester Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168200.680438979390 | 168200.68 | 3908428.06 | FENCEGRD | 6.09E-08 | 6.00E-08 | 5.90E-08 | 5.81E-08 | 3.79E-09 | 3.52E-08 | 1.52E-09 | 1.50E-09 | 1.49E-09 | 1.47E-09 |
| 168204.779058843390 | 168204.78 | 3908452.03 | FENCEGRD | 6.46E-08 | 6.38E-08 | 6.28E-08 | 6.19E-08 | 4.00E-09 | 3.68E-08 | 1.61E-09 | 1.59E-09 | 1.58E-09 | 1.56E-09 |
| 168208.877678706390 | 168208.88 | 3908476.01 | FENCEGRD | 6.82E-08 | 6.76E-08 | 6.68E-08 | 6.58E-08 | 4.22E-09 | 3.82E-08 | 1.70E-09 | 1.69E-09 | 1.67E-09 | 1.66E-09 |
| 168212.976298573908 | 168212.98 | 3908499.98 | FENCEGRD | 7.18E-08 | 7.13E-08 | 7.07E-08 | 7.02E-08 | 4.48E-09 | 3.92E-08 | 1.78E-09 | 1.78E-09 | 1.77E-09 | 1.76E-09 |
| 168217.074918433390 | 168217.07 | 3908523.96 | FENCEGRD | 7.52E-08 | 7.48E-08 | 7.44E-08 | 7.40E-08 | 4.76E-09 | 3.92E-08 | 1.83E-09 | 1.83E-09 | 1.82E-09 | 1.82E-09 |
| 168221.173538297390 | 168221.17 | 3908547.93 | FENCEGRD | 7.82E-08 | 7.80E-08 | 7.78E-08 | 7.75E-08 | 4.88E-09 | 3.89E-08 | 1.87E-09 | 1.87E-09 | 1.86E-09 | 1.86E-09 |
| 168225.272158163908 | 168225.27 | 3908571.90 | FENCEGRD | 8.11E-08 | 8.11E-08 | 8.11E-08 | 8.10E-08 | 5.06E-09 | 3.87E-08 | 1.93E-09 | 1.93E-09 | 1.93E-09 | 1.93E-09 |
| 168229.370778023390 | 168229.37 | 3908595.88 | FENCEGRD | 8.38E-08 | 8.41E-08 | 8.44E-08 | 8.45E-08 | 5.29E-09 | 3.86E-08 | 2.00E-09 | 2.00E-09 | 2.00E-09 | 2.01E-09 |
| 168233.469397887390 | 168233.47 | 3908619.85 | FENCEGRD | 8.61E-08 | 8.66E-08 | 8.72E-08 | 8.75E-08 | 5.53E-09 | 3.80E-08 | 2.06E-09 | 2.07E-09 | 2.07E-09 | 2.08E-09 |
| 168237.568017753908 | 168237.57 | 3908643.83 | FENCEGRD | 8.76E-08 | 8.84E-08 | 8.93E-08 | 8.99E-08 | 5.73E-09 | 3.69E-08 | 2.10E-09 | 2.11E-09 | 2.12E-09 | 2.13E-09 |
| 168241.666637614390 | 168241.67 | 3908667.80 | FENCEGRD | 8.83E-08 | 8.94E-08 | 9.06E-08 | 9.15E-08 | 5.90E-09 | 3.53E-08 | 2.12E-09 | 2.13E-09 | 2.15E-09 | 2.16E-09 |
| 168245.765257477390 | 168245.77 | 3908691.78 | FENCEGRD | 8.83E-08 | 8.96E-08 | 9.12E-08 | 9.23E-08 | 6.03E-09 | 3.34E-08 | 2.12E-09 | 2.14E-09 | 2.15E-09 | 2.17E-09 |
| 168249.863877341390 | 168249.86 | 3908715.75 | FENCEGRD | 8.74E-08 | 8.90E-08 | 9.08E-08 | 9.22E-08 | 6.10E-09 | 3.12E-08 | 2.10E-09 | 2.12E-09 | 2.14E-09 | 2.15E-09 |
| 168253.962497204390 | 168253.96 | 3908739.73 | FENCEGRD | 8.48E-08 | 8.66E-08 | 8.87E-08 | 9.04E-08 | 6.05E-09 | 2.85E-08 | 2.03E-09 | 2.05E-09 | 2.07E-09 | 2.09E-09 |
| 168258.061117067390 | 168258.06 | 3908763.70 | FENCEGRD | 7.99E-08 | 8.19E-08 | 8.42E-08 | 8.61E-08 | 5.87E-09 | 2.57E-08 | 1.92E-09 | 1.94E-09 | 1.96E-09 | 1.98E-09 |
| 168262.159736931390 | 168262.16 | 3908787.68 | FENCEGRD | 7.55E-08 | 7.76E-08 | 8.01E-08 | 8.22E-08 | 5.76E-09 | 2.34E-08 | 1.84E-09 | 1.86E-09 | 1.88E-09 | 1.90E-09 |
| 168266.258356794390 | 168266.26 | 3908811.65 | FENCEGRD | 7.05E-08 | 7.28E-08 | 7.55E-08 | 7.78E-08 | 5.64E-09 | 2.14E-08 | 1.75E-09 | 1.78E-09 | 1.80E-09 | 1.82E-09 |
| 168270.356976658390 | 168270.36 | 3908835.63 | FENCEGRD | 6.45E-08 | 6.69E-08 | 6.96E-08 | 7.21E-08 | 5.48E-09 | 1.94E-08 | 1.65E-09 | 1.67E-09 | 1.70E-09 | 1.72E-09 |
| 168274.455596521390 | 168274.46 | 3908859.60 | FENCEGRD | 5.82E-08 | 6.05E-08 | 6.33E-08 | 6.57E-08 | 5.30E-09 | 1.75E-08 | 1.53E-09 | 1.55E-09 | 1.58E-09 | 1.60E-09 |
| 168278.554216385390 | 168278.55 | 3908883.58 | FENCEGRD | 5.28E-08 | 5.50E-08 | 5.76E-08 | 6.00E-08 | 5.13E-09 | 1.59E-08 | 1.42E-09 | 1.44E-09 | 1.46E-09 | 1.49E-09 |
| 168282.652836248390 | 168282.65 | 3908907.55 | FENCEGRD | 4.78E-08 | 4.97E-08 | 5.21E-08 | 5.43E-08 | 4.93E-09 | 1.45E-08 | 1.30E-09 | 1.32E-09 | 1.34E-09 | 1.37E-09 |
| 168286.751456111390 | 168286.75 | 3908931.53 | FENCEGRD | 4.26E-08 | 4.43E-08 | 4.64E-08 | 4.83E-08 | 4.65E-09 | 1.31E-08 | 1.17E-09 | 1.19E-09 | 1.21E-09 | 1.24E-09 |
| 168290.850075975390 | 168290.85 | 3908955.50 | FENCEGRD | 3.82E-08 | 3.96E-08 | 4.12E-08 | 4.28E-08 | 4.33E-09 | 1.19E-08 | 1.06E-09 | 1.08E-09 | 1.09E-09 | 1.11E-09 |
| 168294.948695838390 | 168294.95 | 3908979.48 | FENCEGRD | 3.46E-08 | 3.58E-08 | 3.72E-08 | 3.85E-08 | 4.01E-09 | 1.08E-08 | 9.60E-10 | 9.75E-10 | 9.89E-10 | 1.00E-09 |
| 168299.047315702390 | 168299.05 | 3909003.45 | FENCEGRD | 3.09E-08 | 3.20E-08 | 3.33E-08 | 3.44E-08 | 3.66E-09 | 9.87E-09 | 8.73E-10 | 8.85E-10 | 8.98E-10 | 9.11E-10 |
| 168303.145935565390 | 168303.15 | 3909027.42 | FENCEGRD | 2.76E-08 | 2.87E-08 | 2.99E-08 | 3.10E-08 | 3.34E-09 | 9.06E-09 | 8.02E-10 | 8.13E-10 | 8.24E-10 | 8.35E-10 |
| 168307.244555429390 | 168307.24 | 3909051.40 | FENCEGRD | 2.46E-08 | 2.56E-08 | 2.67E-08 | 2.77E-08 | 3.05E-09 | 8.36E-09 | 7.39E-10 | 7.50E-10 | 7.60E-10 | 7.71E-10 |
| 168311.343175292390 | 168311.34 | 3909075.37 | FENCEGRD | 2.19E-08 | 2.27E-08 | 2.37E-08 | 2.47E-08 | 2.80E-09 | 7.75E-09 | 6.78E-10 | 6.89E-10 | 6.99E-10 | 7.09E-10 |
| 168315.441795156390 | 168315.44 | 3909099.35 | FENCEGRD | 1.96E-08 | 2.04E-08 | 2.12E-08 | 2.20E-08 | 2.58E-09 | 7.21E-09 | 6.19E-10 | 6.28E-10 | 6.37E-10 | 6.46E-10 |
| 167470.142625886390 | 167470.14 | 3908335.42 | FENCEGRD | 8.07E-09 | 7.92E-09 | 7.76E-09 | 7.64E-09 | 5.90E-10 | 2.32E-09 | 1.74E-10 | 1.72E-10 | 1.70E-10 | 1.67E-10 |
| 167449.244625886390 | 167449.24 | 3908348.50 | FENCEGRD | 7.89E-09 | 7.75E-09 | 7.62E-09 | 7.51E-09 | 5.77E-10 | 2.18E-09 | 1.65E-10 | 1.63E-10 | 1.60E-10 | 1.58E-10 |
| 167428.346625886390 | 167428.35 | 3908361.59 | FENCEGRD | 7.68E-09 | 7.56E-09 | 7.44E-09 | 7.35E-09 | 5.56E-10 | 2.05E-09 | 1.55E-10 | 1.53E-10 | 1.51E-10 | 1.49E-10 |
| 167407.448625886390 | 167407.45 | 3908374.67 | FENCEGRD | 7.55E-09 | 7.44E-09 | 7.33E-09 | 7.26E-09 | 5.35E-10 | 1.95E-09 | 1.47E-10 | 1.45E-10 | 1.44E-10 | 1.42E-10 |
| 167386.550625886390 | 167386.55 | 3908387.76 | FENCEGRD | 7.41E-09 | 7.31E-09 | 7.22E-09 | 7.15E-09 | 5.12E-10 | 1.87E-09 | 1.40E-10 | 1.39E-10 | 1.37E-10 | 1.36E-10 |
| 167365.652625886390 | 167365.65 | 3908400.84 | FENCEGRD | 7.12E-09 | 7.03E-09 | 6.94E-09 | 6.88E-09 | 4.83E-10 | 1.80E-09 | 1.32E-10 | 1.31E-10 | 1.29E-10 | 1.28E-10 |
| 167441.291036642390 | 167441.29 | 3908252.95 | FENCEGRD | 5.86E-09 | 5.77E-09 | 5.68E-09 | 5.61E-09 | 4.81E-10 | 1.94E-09 | 1.41E-10 | 1.40E-10 | 1.38E-10 | 1.36E-10 |
| 167465.505676416390 | 167465.51 | 3908255.24 | FENCEGRD | 6.58E-09 | 6.46E-09 | 6.34E-09 | 6.26E-09 | 5.18E-10 | 2.15E-09 | 1.56E-10 | 1.54E-10 | 1.52E-10 | 1.50E-10 |
| 167489.720316193908 | 167489.72 | 3908257.53 | FENCEGRD | 7.42E-09 | 7.29E-09 | 7.15E-09 | 7.05E-09 | 5.55E-10 | 2.38E-09 | 1.72E-10 | 1.70E-10 | 1.68E-10 | 1.66E-10 |
| 167513.934955965390 | 167513.93 | 3908259.82 | FENCEGRD | 8.39E-09 | 8.26E-09 | 8.12E-09 | 8.01E-09 | 5.97E-10 | 2.64E-09 | 1.88E-10 | 1.86E-10 | 1.84E-10 | 1.82E-10 |
| 167538.149595739390 | 167538.15 | 3908262.11 | FENCEGRD | 9.45E-09 | 9.32E-09 | 9.19E-09 | 9.07E-09 | 6.47E-10 | 2.94E-09 | 2.06E-10 | 2.04E-10 | 2.02E-10 | 2.00E-10 |
| 167562.364235513390 | 167562.36 | 3908264.39 | FENCEGRD | 1.05E-08 | 1.04E-08 | 1.02E-08 | 1.01E-08 | 7.05E-10 | 3.29E-09 | 2.25E-10 | 2.23E-10 | 2.21E-10 | 2.19E-10 |
| 167586.578875288390 | 167586.58 | 3908266.68 | FENCEGRD | 1.15E-08 | 1.13E-08 | 1.12E-08 | 1.11E-08 | 7.69E-10 | 3.65E-09 | 2.44E-10 | 2.42E-10 | 2.40E-10 | 2.38E-10 |
| 167610.793515062390 | 167610.79 | 3908268.97 | FENCEGRD | 1.24E-08 | 1.22E-08 | 1.21E-08 | 1.20E-08 | 8.38E-10 | 4.04E-09 | 2.65E-10 | 2.63E-10 | 2.61E-10 | 2.58E-10 |
| 167635.008154836390 | 167635.01 | 3908271.26 | FENCEGRD | 1.33E-08 | 1.32E-08 | 1.30E-08 | 1.29E-08 | 9.13E-10 | 4.47E-09 | 2.88E-10 | 2.86E-10 | 2.83E-10 | 2.80E-10 |
| 167659.222794611390 | 167659.22 | 3908273.55 | FENCEGRD | 1.43E-08 | 1.40E-08 | 1.38E-08 | 1.37E-08 | 9.86E-10 | 4.89E-09 | 3.12E-10 | 3.09E-10 | 3.05E-10 | 3.02E-10 |
| 167683.437434385390 | 167683.44 | 3908275.84 | FENCEGRD | 1.54E-08 | 1.51E-08 | 1.48E-08 | 1.46E-08 | 1.07E-09 | 5.39E-09 | 3.41E-10 | 3.37E-10 | 3.32E-10 | 3.29E-10 |
| 167707.652074159390 | 167707.65 | 3908278.13 | FENCEGRD | 1.67E-08 | 1.64E-08 | 1.60E-08 | 1.58E-08 | 1.16E-09 | 5.96E-09 | 3.74E-10 | 3.69E-10 | 3.64E-10 | 3.60E-10 |
| 167731.866713934390 | 167731.87 | 3908280.41 | FENCEGRD | 1.83E-08 | 1.79E-08 | 1.74E-08 | 1.71E-08 | 1.26E-09 | 6.63E-09 | 4.11E-10 | 4.06E-10 | 4.00E-10 | 3.95E-10 |
| 167756.081353708390 | 167756.08 | 3908282.70 | FENCEGRD | 2.00E-08 | 1.95E-08 | 1.90E-08 | 1.87E-08 | 1.38E-09 | 7.39E-09 | 4.53E-10 | 4.47E-10 | 4.41E-10 | 4.35E-10 |
| 167780.295993482390 | 167780.30 | 3908284.99 | FENCEGRD | 2.20E-08 | 2.14E-08 | 2.09E-08 | 2.05E-08 | 1.50E-09 | 8.31E-09 | 5.01E-10 | 4.95E-10 | 4.88E-10 | 4.82E-10 |
| 167804.510633257390 | 167804.51 | 3908287.28 | FENCEGRD | 2.40E-08 | 2.35E-08 | 2.29E-08 | 2.25E-08 | 1.64E-09 | 9.34E-09 | 5.52E-10 | 5.45E-10 | 5.38E-10 | 5.31E-10 |
| 167828.725273031390 | 167828.73 | 3908289.57 | FENCEGRD | 2.60E-08 | 2.54E-08 | 2.48E-08 | 2.44E-08 | 1.76E-09 | 1.04E-08 | 6.02E-10 | 5.95E-10 | 5.87E-10 | 5.80E-10 |
| 167852.939912805390 | 167852.94 | 3908291.86 | FENCEGRD | 2.80E-08 | 2.74E-08 | 2.68E-08 | 2.62E-08 | 1.88E-09 | 1.16E-08 | 6.51E-10 | 6.44E-10 | 6.35E-10 | 6.28E-10 |
| 167877.154552583908 | 167877.15 | 3908294.15 | FENCEGRD | 3.00E-08 | 2.94E-08 | 2.87E-08 | 2.82E-08 | 2.01E-09 | 1.28E-08 | 7.01E-10 | 6.93E-10 | 6.85E-10 | 6.77E-10 |
| 167901.369192354390 | 167901.37 | 3908296.44 | FENCEGRD | 3.20E-08 | 3.14E-08 | 3.07E-08 | 3.01E-08 | 2.13E-09 | 1.40E-08 | 7.52E-10 | 7.44E-10 | 7.35E-10 | 7.27E-10 |
| 167925.583832128390 | 167925.58 | 3908298.72 | FENCEGRD | 3.40E-08 | 3.34E-08 | 3.27E-08 | 3.21E-08 | 2.26E-09 | 1.54E-08 | 8.04E-10 | 7.96E-10 | 7.88E-10 | 7.80E-10 |
| 167949.798471903390 | 167949.80 | 3908301.01 | FENCEGRD | 3.66E-08 | 3.60E-08 | 3.53E-08 | 3.46E-08 | 2.39E-09 | 1.73E-08 | 8.85E-10 | 8.78E-10 | 8.70E-10 | 8.61E-10 |
| 167974.013111677390 | 167974.01 | 3908303.30 | FENCEGRD | 3.83E-08 | 3.74E-08 | 3.63E-08 | 3.55E-08 | 2.40E-09 | 1.89E-08 | 9.13E-10 | 9.00E-10 | 8.87E-10 | 8.75E-10 |
| 167998.227751451390 | 167998.23 | 3908305.59 | FENCEGRD | 3.90E-08 | 3.81E-08 | 3.71E-08 | 3.63E-08 | 2.44E-09 | 1.94E-08 | 9.28E-10 | 9.15E-10 | 9.03E-10 | 8.92E-10 |
| 168022.442391225390 | 168022.44 | 3908307.88 | FENCEGRD | 3.98E-08 | 3.89E-08 | 3.80E-08 | 3.72E-08 | 2.49E-09 | 2.00E-08 | 9.49E-10 | 9.37E-10 | 9.26E-10 | 9.15E-10 |
| 168046.657031390831 | 168046.66 | 3908310.17 | FENCEGRD | 4.08E-08 | 4.00E-08 | 3.91E-08 | 3.83E-08 | 2.57E-09 | 2.09E-08 | 9.81E-10 | 9.69E-10 | 9.58E-10 | 9.48E-10 |
| 168070.871670774390 | 168070.87 | 3908312.46 | FENCEGRD | 4.19E-08 | 4.12E-08 | 4.03E-08 | 3 | | | | | | |

3rd Trimester Dose

| | | | | 3rd Trimester Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168330.166706784390 | 168330.17 | 3908714.36 | FENCEGRD | 6.93E-08 | 7.08E-08 | 7.25E-08 | 7.40E-08 | 5.28E-09 | 2.43E-08 | 1.73E-09 | 1.75E-09 | 1.76E-09 | 1.78E-09 |
| 168334.265326647390 | 168334.27 | 3908738.34 | FENCEGRD | 6.55E-08 | 6.72E-08 | 6.91E-08 | 7.07E-08 | 5.15E-09 | 2.23E-08 | 1.66E-09 | 1.68E-09 | 1.69E-09 | 1.71E-09 |
| 168338.363946511390 | 168338.36 | 3908762.31 | FENCEGRD | 5.96E-08 | 6.14E-08 | 6.34E-08 | 6.51E-08 | 4.94E-09 | 2.02E-08 | 1.56E-09 | 1.58E-09 | 1.59E-09 | 1.61E-09 |
| 168342.462566374390 | 168342.46 | 3908786.29 | FENCEGRD | 5.40E-08 | 5.58E-08 | 5.79E-08 | 5.98E-08 | 4.77E-09 | 1.84E-08 | 1.47E-09 | 1.49E-09 | 1.51E-09 | 1.52E-09 |
| 168346.561186237390 | 168346.56 | 3908810.26 | FENCEGRD | 4.98E-08 | 5.17E-08 | 5.38E-08 | 5.57E-08 | 4.65E-09 | 1.69E-08 | 1.39E-09 | 1.41E-09 | 1.43E-09 | 1.45E-09 |
| 168350.659806101390 | 168350.66 | 3908834.24 | FENCEGRD | 4.59E-08 | 4.76E-08 | 4.97E-08 | 5.16E-08 | 4.54E-09 | 1.55E-08 | 1.30E-09 | 1.32E-09 | 1.34E-09 | 1.36E-09 |
| 168354.758425964390 | 168354.76 | 3908858.21 | FENCEGRD | 4.20E-08 | 4.36E-08 | 4.56E-08 | 4.74E-08 | 4.39E-09 | 1.42E-08 | 1.21E-09 | 1.23E-09 | 1.25E-09 | 1.27E-09 |
| 168358.857045828390 | 168358.86 | 3908882.19 | FENCEGRD | 3.84E-08 | 3.99E-08 | 4.17E-08 | 4.33E-08 | 4.22E-09 | 1.31E-08 | 1.12E-09 | 1.13E-09 | 1.15E-09 | 1.17E-09 |
| 168362.955665691390 | 168362.96 | 3908906.16 | FENCEGRD | 3.55E-08 | 3.69E-08 | 3.84E-08 | 3.99E-08 | 4.04E-09 | 1.20E-08 | 1.03E-09 | 1.05E-09 | 1.06E-09 | 1.08E-09 |
| 168367.054285555390 | 168367.05 | 3908930.14 | FENCEGRD | 3.27E-08 | 3.38E-08 | 3.52E-08 | 3.64E-08 | 3.80E-09 | 1.10E-08 | 9.42E-10 | 9.57E-10 | 9.72E-10 | 9.87E-10 |
| 168371.152905418390 | 168371.15 | 3908954.11 | FENCEGRD | 2.98E-08 | 3.07E-08 | 3.19E-08 | 3.29E-08 | 3.52E-09 | 1.01E-08 | 8.59E-10 | 8.72E-10 | 8.85E-10 | 8.97E-10 |
| 168375.251525281390 | 168375.25 | 3908978.08 | FENCEGRD | 2.67E-08 | 2.75E-08 | 2.85E-08 | 2.94E-08 | 3.21E-09 | 9.18E-09 | 7.84E-10 | 7.94E-10 | 8.05E-10 | 8.16E-10 |
| 168379.350145145390 | 168379.35 | 3909002.06 | FENCEGRD | 2.39E-08 | 2.47E-08 | 2.56E-08 | 2.65E-08 | 2.93E-09 | 8.42E-09 | 7.22E-10 | 7.32E-10 | 7.41E-10 | 7.50E-10 |
| 168383.448765008390 | 168383.45 | 3909026.03 | FENCEGRD | 2.12E-08 | 2.20E-08 | 2.29E-08 | 2.37E-08 | 2.68E-09 | 7.75E-09 | 6.69E-10 | 6.78E-10 | 6.86E-10 | 6.95E-10 |
| 168387.547384872390 | 168387.55 | 3909050.01 | FENCEGRD | 1.87E-08 | 1.94E-08 | 2.03E-08 | 2.10E-08 | 2.46E-09 | 7.15E-09 | 6.18E-10 | 6.26E-10 | 6.35E-10 | 6.43E-10 |
| 168391.646004735390 | 168391.65 | 3909073.98 | FENCEGRD | 1.67E-08 | 1.73E-08 | 1.80E-08 | 1.87E-08 | 2.27E-09 | 6.64E-09 | 5.68E-10 | 5.76E-10 | 5.84E-10 | 5.93E-10 |
| 168395.744624599390 | 168395.74 | 3909097.96 | FENCEGRD | 1.51E-08 | 1.56E-08 | 1.62E-08 | 1.68E-08 | 2.12E-09 | 6.18E-09 | 5.19E-10 | 5.27E-10 | 5.34E-10 | 5.42E-10 |
| 168399.843244462390 | 168399.84 | 3909121.93 | FENCEGRD | 1.38E-08 | 1.42E-08 | 1.47E-08 | 1.52E-08 | 1.98E-09 | 5.76E-09 | 4.73E-10 | 4.80E-10 | 4.86E-10 | 4.93E-10 |
| 168403.941864325390 | 168403.94 | 3909145.91 | FENCEGRD | 1.25E-08 | 1.29E-08 | 1.33E-08 | 1.38E-08 | 1.85E-09 | 5.38E-09 | 4.31E-10 | 4.36E-10 | 4.42E-10 | 4.48E-10 |
| 167417.076396867390 | 167417.08 | 3908250.66 | FENCEGRD | 5.27E-09 | 5.21E-09 | 5.14E-09 | 5.09E-09 | 4.45E-10 | 1.77E-09 | 1.28E-10 | 1.27E-10 | 1.25E-10 | 1.24E-10 |
| 167396.178396867390 | 167396.18 | 3908263.75 | FENCEGRD | 5.01E-09 | 4.95E-09 | 4.90E-09 | 4.86E-09 | 4.21E-10 | 1.65E-09 | 1.20E-10 | 1.19E-10 | 1.17E-10 | 1.16E-10 |
| 167375.280396867390 | 167375.28 | 3908276.83 | FENCEGRD | 4.83E-09 | 4.77E-09 | 4.72E-09 | 4.68E-09 | 3.97E-10 | 1.55E-09 | 1.13E-10 | 1.12E-10 | 1.11E-10 | 1.10E-10 |
| 167354.382396867390 | 167354.38 | 3908289.91 | FENCEGRD | 4.66E-09 | 4.60E-09 | 4.54E-09 | 4.49E-09 | 3.75E-10 | 1.48E-09 | 1.08E-10 | 1.07E-10 | 1.05E-10 | 1.04E-10 |
| 167333.484396867390 | 167333.48 | 3908303.00 | FENCEGRD | 4.41E-09 | 4.35E-09 | 4.28E-09 | 4.23E-09 | 3.53E-10 | 1.41E-09 | 1.02E-10 | 1.01E-10 | 9.96E-11 | 9.85E-11 |
| 167312.586396867390 | 167312.59 | 3908316.08 | FENCEGRD | 4.13E-09 | 4.07E-09 | 4.01E-09 | 3.97E-09 | 3.34E-10 | 1.34E-09 | 9.56E-11 | 9.45E-11 | 9.33E-11 | 9.22E-11 |
| 167640.127983382390 | 167640.13 | 3908885.50 | FENCEGRD | 6.85E-08 | 6.19E-08 | 5.55E-08 | 5.08E-08 | 2.80E-09 | 2.12E-08 | 9.05E-10 | 8.61E-10 | 8.19E-10 | 7.83E-10 |
| 167628.894347019390 | 167628.89 | 3908906.15 | FENCEGRD | 6.38E-08 | 5.74E-08 | 5.12E-08 | 4.69E-08 | 2.75E-09 | 2.50E-08 | 8.56E-10 | 8.13E-10 | 7.73E-10 | 7.37E-10 |
| 167617.660710655390 | 167617.66 | 3908926.80 | FENCEGRD | 5.76E-08 | 5.14E-08 | 4.55E-08 | 4.14E-08 | 2.69E-09 | 2.91E-08 | 8.03E-10 | 7.62E-10 | 7.23E-10 | 6.90E-10 |
| 167618.166975073390 | 167618.17 | 3908873.55 | FENCEGRD | 5.06E-08 | 4.64E-08 | 4.22E-08 | 3.92E-08 | 2.28E-09 | 1.49E-08 | 6.83E-10 | 6.55E-10 | 6.27E-10 | 6.03E-10 |
| 167606.933338713908 | 167606.93 | 3908894.20 | FENCEGRD | 4.65E-08 | 4.26E-08 | 3.87E-08 | 3.58E-08 | 2.21E-09 | 1.77E-08 | 6.40E-10 | 6.14E-10 | 5.87E-10 | 5.65E-10 |
| 167595.699702346390 | 167595.70 | 3908914.85 | FENCEGRD | 4.10E-08 | 3.74E-08 | 3.39E-08 | 3.14E-08 | 2.13E-09 | 2.10E-08 | 5.94E-10 | 5.69E-10 | 5.44E-10 | 5.22E-10 |
| 167584.466065983390 | 167584.47 | 3908935.50 | FENCEGRD | 3.43E-08 | 3.12E-08 | 2.82E-08 | 2.62E-08 | 2.04E-09 | 2.43E-08 | 5.43E-10 | 5.19E-10 | 4.95E-10 | 4.74E-10 |
| 167573.232429619390 | 167573.23 | 3908956.15 | FENCEGRD | 2.70E-08 | 2.48E-08 | 2.26E-08 | 2.13E-08 | 1.94E-09 | 2.73E-08 | 4.86E-10 | 4.64E-10 | 4.41E-10 | 4.22E-10 |
| 167607.798568173908 | 167607.80 | 3908849.28 | FENCEGRD | 4.25E-08 | 3.95E-08 | 3.63E-08 | 3.40E-08 | 1.97E-09 | 1.04E-08 | 5.82E-10 | 5.61E-10 | 5.40E-10 | 5.22E-10 |
| 167584.972330401390 | 167584.97 | 3908882.26 | FENCEGRD | 3.56E-08 | 3.30E-08 | 3.02E-08 | 2.83E-08 | 1.80E-09 | 1.33E-08 | 5.00E-10 | 4.82E-10 | 4.64E-10 | 4.47E-10 |
| 167573.738694037390 | 167573.74 | 3908902.91 | FENCEGRD | 3.12E-08 | 2.89E-08 | 2.66E-08 | 2.49E-08 | 1.73E-09 | 1.59E-08 | 4.61E-10 | 4.43E-10 | 4.25E-10 | 4.09E-10 |
| 167562.505057674390 | 167562.51 | 3908923.56 | FENCEGRD | 2.61E-08 | 2.43E-08 | 2.26E-08 | 2.15E-08 | 1.65E-09 | 1.89E-08 | 4.16E-10 | 3.99E-10 | 3.83E-10 | 3.68E-10 |
| 167551.271421313908 | 167551.27 | 3908944.21 | FENCEGRD | 2.12E-08 | 2.01E-08 | 1.89E-08 | 1.82E-08 | 1.57E-09 | 2.18E-08 | 3.66E-10 | 3.52E-10 | 3.37E-10 | 3.24E-10 |
| 167540.037784946390 | 167540.04 | 3908964.86 | FENCEGRD | 1.73E-08 | 1.67E-08 | 1.61E-08 | 1.58E-08 | 1.48E-09 | 2.45E-08 | 3.15E-10 | 3.02E-10 | 2.90E-10 | 2.79E-10 |
| 167528.804148583390 | 167528.80 | 3908985.51 | FENCEGRD | 1.48E-08 | 1.47E-08 | 1.46E-08 | 1.45E-08 | 1.38E-09 | 2.71E-08 | 2.66E-10 | 2.57E-10 | 2.47E-10 | 2.39E-10 |
| 167517.570512219390 | 167517.57 | 3909006.16 | FENCEGRD | 1.39E-08 | 1.41E-08 | 1.43E-08 | 1.45E-08 | 1.27E-09 | 2.95E-08 | 2.28E-10 | 2.22E-10 | 2.16E-10 | 2.11E-10 |
| 167506.336875855390 | 167506.34 | 3909026.81 | FENCEGRD | 1.41E-08 | 1.45E-08 | 1.48E-08 | 1.50E-08 | 1.15E-09 | 3.16E-08 | 2.08E-10 | 2.05E-10 | 2.01E-10 | 1.98E-10 |
| 167495.103239492390 | 167495.10 | 3909047.46 | FENCEGRD | 1.49E-08 | 1.53E-08 | 1.58E-08 | 1.61E-08 | 1.02E-09 | 3.34E-08 | 2.09E-10 | 2.06E-10 | 2.04E-10 | 2.01E-10 |
| 167565.325626728390 | 167565.33 | 3908823.85 | FENCEGRD | 2.79E-08 | 2.62E-08 | 2.44E-08 | 2.31E-08 | 1.40E-09 | 6.61E-09 | 3.95E-10 | 3.83E-10 | 3.70E-10 | 3.59E-10 |
| 167541.050313783390 | 167541.05 | 3908858.36 | FENCEGRD | 2.29E-08 | 2.16E-08 | 2.02E-08 | 1.93E-08 | 1.27E-09 | 8.36E-09 | 3.25E-10 | 3.15E-10 | 3.04E-10 | 2.95E-10 |
| 167529.816677423908 | 167529.82 | 3908879.01 | FENCEGRD | 2.06E-08 | 1.95E-08 | 1.84E-08 | 1.76E-08 | 1.22E-09 | 1.01E-08 | 2.92E-10 | 2.83E-10 | 2.73E-10 | 2.64E-10 |
| 167518.583041056390 | 167518.58 | 3908899.66 | FENCEGRD | 1.83E-08 | 1.76E-08 | 1.68E-08 | 1.62E-08 | 1.16E-09 | 1.21E-08 | 2.58E-10 | 2.50E-10 | 2.42E-10 | 2.34E-10 |
| 167507.349404692390 | 167507.35 | 3908920.32 | FENCEGRD | 1.64E-08 | 1.60E-08 | 1.55E-08 | 1.51E-08 | 1.09E-09 | 1.44E-08 | 2.25E-10 | 2.19E-10 | 2.12E-10 | 2.06E-10 |
| 167496.115768329390 | 167496.12 | 3908940.97 | FENCEGRD | 1.51E-08 | 1.50E-08 | 1.48E-08 | 1.47E-08 | 1.01E-09 | 1.68E-08 | 1.96E-10 | 1.92E-10 | 1.87E-10 | 1.83E-10 |
| 167484.882131965390 | 167484.88 | 3908961.62 | FENCEGRD | 1.47E-08 | 1.48E-08 | 1.49E-08 | 1.49E-08 | 9.26E-10 | 1.92E-08 | 1.75E-10 | 1.73E-10 | 1.70E-10 | 1.67E-10 |
| 167473.648495601390 | 167473.65 | 3908982.27 | FENCEGRD | 1.51E-08 | 1.53E-08 | 1.55E-08 | 1.56E-08 | 8.36E-10 | 2.17E-08 | 1.66E-10 | 1.64E-10 | 1.63E-10 | 1.61E-10 |
| 167462.414859238390 | 167462.41 | 3909002.92 | FENCEGRD | 1.58E-08 | 1.60E-08 | 1.62E-08 | 1.63E-08 | 7.46E-10 | 2.41E-08 | 1.68E-10 | 1.67E-10 | 1.66E-10 | 1.65E-10 |
| 167451.181222874390 | 167451.18 | 3909023.57 | FENCEGRD | 1.70E-08 | 1.72E-08 | 1.74E-08 | 1.76E-08 | 6.59E-10 | 2.64E-08 | 1.81E-10 | 1.80E-10 | 1.79E-10 | 1.77E-10 |
| 167439.947586511390 | 167439.95 | 3909044.22 | FENCEGRD | 1.96E-08 | 1.98E-08 | 2.01E-08 | 2.02E-08 | 5.85E-10 | 2.86E-08 | 2.10E-10 | 2.07E-10 | 2.05E-10 | 2.03E-10 |
| 167522.273055216390 | 167522.27 | 3908799.03 | FENCEGRD | 1.96E-08 | 1.86E-08 | 1.76E-08 | 1.69E-08 | 1.07E-09 | 4.79E-09 | 2.77E-10 | 2.69E-10 | 2.61E-10 | 2.54E-10 |
| 167550.095298589390 | 167550.10 | 3908769.45 | FENCEGRD | 2.35E-08 | 2.22E-08 | 2.09E-08 | 1.99E-08 | 1.19E-09 | 4.61E-09 | 3.39E-10 | 3.30E-10 | 3.21E-10 | 3.12E-10 |
| 167497.128297166390 | 167497.13 | 3908834.47 | FENCEGRD | 1.66E-08 | 1.59E-08 | 1.52E-08 | 1.46E-08 | 9.56E-10 | 5.89E-09 | 2.22E-10 | 2.16E-10 | 2.10E-10 | 2.05E-10 |
| 167485.894660802390 | 167485.89 | 3908855.12 | FENCEGRD | 1.54E-08 | 1.49E-08 | 1.43E-08 | 1.38E-08 | 9.00E-10 | 7.00E-09 | 1.98E-10 | 1.94E-10 | 1.88E-10 | 1.84E-10 |
| 167474.661024438390 | 167474.66 | 3908875.77 | FENCEGRD | 1.45E-08 | 1.41E-08 | 1.36E-08 | 1.33E-08 | 8.40E-10 | 8.45E-09 | 1.77E-10 | 1.73E-10 | 1.69E-10 | 1.65E-10 |
| 167463.427388075390 | 167463.43 | 3908896.42 | FENCEGRD | 1.41E-08 | 1.38E-08 | 1.35E-08 | 1.33E-08 | 7.77E-10 | 1.02E-08 | 1.59E-10 | 1.56E-10 | 1.53E-10 | 1.51E-10 |
| 167452.193751711390 | 167452.19 | 3908917.07 | FENCEGRD | 1.42E-08 | 1.40E-08 | 1.38E-08 | 1.37E-08 | 7.12E-10 | 1.20E-08 | 1.46E-10 | 1.45E-10 | 1.43E-10 | 1.41E-10 |
| 167440.960115347390 | 167440.96 | 3908937.73 | FENCEGRD | 1.48E-08 | 1.47E-08 | 1.46E-08 | 1 | | | | | | |

3rd Trimester Dose

| | | | | 3rd Trimester Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167398.050627566390 | 167398.05 | 3908807.34 | FENCEGRD | 1.09E-08 | 1.07E-08 | 1.05E-08 | 1.03E-08 | 5.17E-10 | 4.32E-09 | 1.18E-10 | 1.17E-10 | 1.16E-10 | 1.14E-10 |
| 167386.816991203390 | 167386.82 | 3908827.99 | FENCEGRD | 1.11E-08 | 1.09E-08 | 1.08E-08 | 1.06E-08 | 4.81E-10 | 5.03E-09 | 1.14E-10 | 1.13E-10 | 1.12E-10 | 1.11E-10 |
| 167375.583354839390 | 167375.58 | 3908848.64 | FENCEGRD | 1.16E-08 | 1.14E-08 | 1.12E-08 | 1.11E-08 | 4.46E-10 | 5.92E-09 | 1.13E-10 | 1.12E-10 | 1.12E-10 | 1.11E-10 |
| 167364.349718476390 | 167364.35 | 3908869.29 | FENCEGRD | 1.22E-08 | 1.20E-08 | 1.18E-08 | 1.17E-08 | 4.14E-10 | 7.02E-09 | 1.16E-10 | 1.16E-10 | 1.15E-10 | 1.15E-10 |
| 167353.116082112390 | 167353.12 | 3908889.94 | FENCEGRD | 1.28E-08 | 1.26E-08 | 1.24E-08 | 1.23E-08 | 3.85E-10 | 8.28E-09 | 1.23E-10 | 1.22E-10 | 1.22E-10 | 1.22E-10 |
| 167341.882445748390 | 167341.88 | 3908910.59 | FENCEGRD | 1.34E-08 | 1.32E-08 | 1.29E-08 | 1.27E-08 | 3.62E-10 | 9.64E-09 | 1.31E-10 | 1.31E-10 | 1.30E-10 | 1.30E-10 |
| 167330.648809385390 | 167330.65 | 3908931.24 | FENCEGRD | 1.40E-08 | 1.37E-08 | 1.35E-08 | 1.33E-08 | 3.48E-10 | 1.11E-08 | 1.40E-10 | 1.40E-10 | 1.39E-10 | 1.38E-10 |
| 167319.415173021390 | 167319.42 | 3908951.89 | FENCEGRD | 1.49E-08 | 1.47E-08 | 1.44E-08 | 1.41E-08 | 3.45E-10 | 1.26E-08 | 1.51E-10 | 1.50E-10 | 1.49E-10 | 1.48E-10 |
| 167308.181536657390 | 167308.18 | 3908972.54 | FENCEGRD | 1.65E-08 | 1.62E-08 | 1.58E-08 | 1.55E-08 | 3.53E-10 | 1.41E-08 | 1.65E-10 | 1.64E-10 | 1.63E-10 | 1.61E-10 |
| 167296.947900294390 | 167296.95 | 3908993.19 | FENCEGRD | 1.86E-08 | 1.82E-08 | 1.78E-08 | 1.74E-08 | 3.69E-10 | 1.57E-08 | 1.86E-10 | 1.84E-10 | 1.83E-10 | 1.81E-10 |
| 167348.130668932390 | 167348.13 | 3908701.82 | FENCEGRD | 8.79E-09 | 8.59E-09 | 8.39E-09 | 8.22E-09 | 4.20E-10 | 2.50E-09 | 1.03E-10 | 1.02E-10 | 1.01E-10 | 9.97E-11 |
| 167379.044272683908 | 167379.04 | 3908668.95 | FENCEGRD | 9.43E-09 | 9.16E-09 | 8.87E-09 | 8.65E-09 | 4.87E-10 | 2.30E-09 | 1.21E-10 | 1.20E-10 | 1.18E-10 | 1.16E-10 |
| 167394.501074554390 | 167394.50 | 3908652.52 | FENCEGRD | 9.87E-09 | 9.58E-09 | 9.26E-09 | 9.00E-09 | 5.23E-10 | 2.26E-09 | 1.33E-10 | 1.30E-10 | 1.28E-10 | 1.26E-10 |
| 167409.957876428390 | 167409.96 | 3908636.09 | FENCEGRD | 1.04E-08 | 1.01E-08 | 9.75E-09 | 9.46E-09 | 5.64E-10 | 2.27E-09 | 1.45E-10 | 1.43E-10 | 1.40E-10 | 1.37E-10 |
| 167440.871480176390 | 167440.87 | 3908603.22 | FENCEGRD | 1.18E-08 | 1.14E-08 | 1.10E-08 | 1.06E-08 | 6.57E-10 | 2.44E-09 | 1.75E-10 | 1.72E-10 | 1.68E-10 | 1.65E-10 |
| 167456.328282053908 | 167456.33 | 3908586.79 | FENCEGRD | 1.26E-08 | 1.22E-08 | 1.17E-08 | 1.13E-08 | 7.05E-10 | 2.59E-09 | 1.92E-10 | 1.89E-10 | 1.85E-10 | 1.81E-10 |
| 167332.673867058390 | 167332.67 | 3908718.25 | FENCEGRD | 8.68E-09 | 8.52E-09 | 8.35E-09 | 8.21E-09 | 3.89E-10 | 2.67E-09 | 9.74E-11 | 9.65E-11 | 9.56E-11 | 9.48E-11 |
| 167321.440230695390 | 167321.44 | 3908738.90 | FENCEGRD | 8.81E-09 | 8.67E-09 | 8.53E-09 | 8.40E-09 | 3.64E-10 | 2.92E-09 | 9.50E-11 | 9.44E-11 | 9.37E-11 | 9.32E-11 |
| 167310.206594331390 | 167310.21 | 3908759.55 | FENCEGRD | 9.06E-09 | 8.93E-09 | 8.79E-09 | 8.67E-09 | 3.41E-10 | 3.25E-09 | 9.50E-11 | 9.46E-11 | 9.42E-11 | 9.38E-11 |
| 167298.972957967390 | 167298.97 | 3908780.20 | FENCEGRD | 9.41E-09 | 9.28E-09 | 9.14E-09 | 9.01E-09 | 3.20E-10 | 3.65E-09 | 9.74E-11 | 9.71E-11 | 9.68E-11 | 9.65E-11 |
| 167287.739321604390 | 167287.74 | 3908800.85 | FENCEGRD | 9.81E-09 | 9.68E-09 | 9.53E-09 | 9.40E-09 | 3.04E-10 | 4.14E-09 | 1.02E-10 | 1.01E-10 | 1.01E-10 | 1.01E-10 |
| 167276.505685243908 | 167276.51 | 3908821.50 | FENCEGRD | 1.02E-08 | 1.01E-08 | 9.92E-09 | 9.78E-09 | 2.92E-10 | 4.73E-09 | 1.08E-10 | 1.07E-10 | 1.07E-10 | 1.07E-10 |
| 167265.272048877390 | 167265.27 | 3908842.15 | FENCEGRD | 1.06E-08 | 1.04E-08 | 1.03E-08 | 1.01E-08 | 2.86E-10 | 5.43E-09 | 1.14E-10 | 1.14E-10 | 1.13E-10 | 1.13E-10 |
| 167254.038412513390 | 167254.04 | 3908862.81 | FENCEGRD | 1.09E-08 | 1.08E-08 | 1.06E-08 | 1.04E-08 | 2.87E-10 | 6.25E-09 | 1.21E-10 | 1.20E-10 | 1.20E-10 | 1.19E-10 |
| 167242.804776149390 | 167242.80 | 3908883.46 | FENCEGRD | 1.14E-08 | 1.12E-08 | 1.10E-08 | 1.08E-08 | 2.94E-10 | 7.17E-09 | 1.27E-10 | 1.26E-10 | 1.26E-10 | 1.25E-10 |
| 167231.571139786390 | 167231.57 | 3908904.11 | FENCEGRD | 1.20E-08 | 1.18E-08 | 1.16E-08 | 1.14E-08 | 3.07E-10 | 8.19E-09 | 1.34E-10 | 1.33E-10 | 1.33E-10 | 1.32E-10 |
| 167220.337503422390 | 167220.34 | 3908924.76 | FENCEGRD | 1.30E-08 | 1.27E-08 | 1.25E-08 | 1.23E-08 | 3.24E-10 | 9.28E-09 | 1.43E-10 | 1.42E-10 | 1.42E-10 | 1.41E-10 |
| 167209.103867058390 | 167209.10 | 3908945.41 | FENCEGRD | 1.43E-08 | 1.40E-08 | 1.37E-08 | 1.34E-08 | 3.42E-10 | 1.04E-08 | 1.57E-10 | 1.56E-10 | 1.55E-10 | 1.54E-10 |
| 167260.637926649390 | 167260.64 | 3908653.66 | FENCEGRD | 7.54E-09 | 7.41E-09 | 7.27E-09 | 7.15E-09 | 3.05E-10 | 2.20E-09 | 8.56E-11 | 8.50E-11 | 8.45E-11 | 8.40E-11 |
| 167276.446019474390 | 167276.45 | 3908636.85 | FENCEGRD | 7.58E-09 | 7.43E-09 | 7.27E-09 | 7.14E-09 | 3.30E-10 | 2.12E-09 | 8.85E-11 | 8.77E-11 | 8.69E-11 | 8.62E-11 |
| 167292.254112339086 | 167292.25 | 3908620.05 | FENCEGRD | 7.74E-09 | 7.57E-09 | 7.38E-09 | 7.22E-09 | 3.59E-10 | 2.06E-09 | 9.37E-11 | 9.26E-11 | 9.16E-11 | 9.06E-11 |
| 167308.062205126390 | 167308.06 | 3908603.24 | FENCEGRD | 8.02E-09 | 7.82E-09 | 7.59E-09 | 7.41E-09 | 3.88E-10 | 2.04E-09 | 1.01E-10 | 9.94E-11 | 9.81E-11 | 9.68E-11 |
| 167323.870297951390 | 167323.87 | 3908586.43 | FENCEGRD | 8.38E-09 | 8.14E-09 | 7.88E-09 | 7.68E-09 | 4.19E-10 | 2.04E-09 | 1.09E-10 | 1.08E-10 | 1.06E-10 | 1.04E-10 |
| 167339.678390777390 | 167339.68 | 3908569.63 | FENCEGRD | 8.77E-09 | 8.52E-09 | 8.23E-09 | 8.00E-09 | 4.49E-10 | 2.06E-09 | 1.19E-10 | 1.17E-10 | 1.15E-10 | 1.13E-10 |
| 167355.486483603390 | 167355.49 | 3908552.82 | FENCEGRD | 9.18E-09 | 8.91E-09 | 8.59E-09 | 8.35E-09 | 4.80E-10 | 2.09E-09 | 1.29E-10 | 1.27E-10 | 1.25E-10 | 1.23E-10 |
| 167371.294576428390 | 167371.29 | 3908536.02 | FENCEGRD | 9.68E-09 | 9.37E-09 | 9.03E-09 | 8.76E-09 | 5.15E-10 | 2.16E-09 | 1.41E-10 | 1.39E-10 | 1.36E-10 | 1.34E-10 |
| 167387.102669254390 | 167387.10 | 3908519.21 | FENCEGRD | 1.02E-08 | 9.88E-09 | 9.51E-09 | 9.22E-09 | 5.53E-10 | 2.26E-09 | 1.53E-10 | 1.51E-10 | 1.48E-10 | 1.45E-10 |
| 167402.910762083908 | 167402.91 | 3908502.40 | FENCEGRD | 1.08E-08 | 1.04E-08 | 1.00E-08 | 9.70E-09 | 5.94E-10 | 2.37E-09 | 1.67E-10 | 1.63E-10 | 1.60E-10 | 1.58E-10 |
| 167244.829833823390 | 167244.83 | 3908670.46 | FENCEGRD | 7.58E-09 | 7.46E-09 | 7.32E-09 | 7.21E-09 | 2.83E-10 | 2.32E-09 | 8.49E-11 | 8.44E-11 | 8.40E-11 | 8.37E-11 |
| 167233.596197459390 | 167233.60 | 3908691.11 | FENCEGRD | 7.73E-09 | 7.61E-09 | 7.48E-09 | 7.37E-09 | 2.68E-10 | 2.49E-09 | 8.63E-11 | 8.59E-11 | 8.56E-11 | 8.52E-11 |
| 167222.362561096390 | 167222.36 | 3908711.77 | FENCEGRD | 7.93E-09 | 7.81E-09 | 7.69E-09 | 7.58E-09 | 2.56E-10 | 2.71E-09 | 8.89E-11 | 8.85E-11 | 8.82E-11 | 8.79E-11 |
| 167211.128924732390 | 167211.13 | 3908732.42 | FENCEGRD | 8.17E-09 | 8.06E-09 | 7.93E-09 | 7.82E-09 | 2.49E-10 | 2.96E-09 | 9.25E-11 | 9.21E-11 | 9.19E-11 | 9.16E-11 |
| 167199.895288368390 | 167199.90 | 3908753.07 | FENCEGRD | 8.43E-09 | 8.31E-09 | 8.17E-09 | 8.06E-09 | 2.46E-10 | 3.26E-09 | 9.69E-11 | 9.65E-11 | 9.62E-11 | 9.58E-11 |
| 167188.661652005390 | 167188.66 | 3908773.72 | FENCEGRD | 8.65E-09 | 8.52E-09 | 8.38E-09 | 8.25E-09 | 2.47E-10 | 3.61E-09 | 1.02E-10 | 1.01E-10 | 1.01E-10 | 1.00E-10 |
| 167177.428015641390 | 167177.43 | 3908794.37 | FENCEGRD | 8.82E-09 | 8.69E-09 | 8.53E-09 | 8.41E-09 | 2.53E-10 | 4.02E-09 | 1.06E-10 | 1.06E-10 | 1.05E-10 | 1.05E-10 |
| 167166.194379277390 | 167166.19 | 3908815.02 | FENCEGRD | 8.99E-09 | 8.85E-09 | 8.70E-09 | 8.56E-09 | 2.61E-10 | 4.48E-09 | 1.10E-10 | 1.10E-10 | 1.09E-10 | 1.09E-10 |
| 167154.960742914390 | 167154.96 | 3908835.67 | FENCEGRD | 9.25E-09 | 9.10E-09 | 8.95E-09 | 8.81E-09 | 2.73E-10 | 5.02E-09 | 1.14E-10 | 1.13E-10 | 1.13E-10 | 1.12E-10 |
| 167143.727106553908 | 167143.73 | 3908856.32 | FENCEGRD | 9.70E-09 | 9.54E-09 | 9.37E-09 | 9.22E-09 | 2.87E-10 | 5.63E-09 | 1.19E-10 | 1.18E-10 | 1.17E-10 | 1.17E-10 |
| 167132.493470187390 | 167132.49 | 3908876.97 | FENCEGRD | 1.04E-08 | 1.02E-08 | 1.00E-08 | 9.83E-09 | 3.02E-10 | 6.34E-09 | 1.25E-10 | 1.25E-10 | 1.24E-10 | 1.23E-10 |
| 167121.259833823390 | 167121.26 | 3908897.62 | FENCEGRD | 1.12E-08 | 1.10E-08 | 1.08E-08 | 1.06E-08 | 3.17E-10 | 7.14E-09 | 1.36E-10 | 1.35E-10 | 1.34E-10 | 1.33E-10 |
| 167173.037094841390 | 167173.04 | 3908605.61 | FENCEGRD | 6.97E-09 | 6.85E-09 | 6.72E-09 | 6.61E-09 | 2.47E-10 | 2.08E-09 | 8.25E-11 | 8.20E-11 | 8.16E-11 | 8.12E-11 |
| 167189.088389095390 | 167189.09 | 3908588.55 | FENCEGRD | 7.03E-09 | 6.91E-09 | 6.77E-09 | 6.65E-09 | 2.66E-10 | 2.04E-09 | 8.33E-11 | 8.28E-11 | 8.23E-11 | 8.18E-11 |
| 167205.139683349390 | 167205.14 | 3908571.49 | FENCEGRD | 7.10E-09 | 6.97E-09 | 6.82E-09 | 6.70E-09 | 2.88E-10 | 2.02E-09 | 8.55E-11 | 8.48E-11 | 8.42E-11 | 8.36E-11 |
| 167221.190977602390 | 167221.19 | 3908554.42 | FENCEGRD | 7.23E-09 | 7.09E-09 | 6.93E-09 | 6.79E-09 | 3.16E-10 | 2.03E-09 | 8.99E-11 | 8.90E-11 | 8.82E-11 | 8.73E-11 |
| 167237.242271856390 | 167237.24 | 3908537.36 | FENCEGRD | 6.92E-09 | 6.97E-09 | 7.09E-09 | 7.00E-09 | 3.52E-10 | 1.92E-09 | 9.50E-11 | 9.48E-11 | 9.44E-11 | 9.37E-11 |
| 167253.293566113908 | 167253.29 | 3908520.29 | FENCEGRD | 6.49E-09 | 6.49E-09 | 6.51E-09 | 6.56E-09 | 3.75E-10 | 1.80E-09 | 9.48E-11 | 9.44E-11 | 9.38E-11 | 9.34E-11 |
| 167269.344860364390 | 167269.34 | 3908503.23 | FENCEGRD | 6.30E-09 | 6.27E-09 | 6.26E-09 | 6.27E-09 | 3.82E-10 | 1.73E-09 | 9.64E-11 | 9.59E-11 | 9.51E-11 | 9.46E-11 |
| 167285.396154618390 | 167285.40 | 3908486.16 | FENCEGRD | 6.31E-09 | 6.27E-09 | 6.24E-09 | 6.23E-09 | 3.95E-10 | 1.70E-09 | 1.00E-10 | 9.96E-11 | 9.87E-11 | 9.79E-11 |
| 167301.447448871390 | 167301.45 | 3908469.10 | FENCEGRD | 6.36E-09 | 6.33E-09 | 6.29E-09 | 6.27E-09 | 4.09E-10 | 1.69E-09 | 1.05E-10 | 1.05E-10 | 1.04E-10 | 1.03E-10 |
| 167317.498743125390 | 167317.50 | 3908452.03 | FENCEGRD | 6.49E-09 | 6.44E-09 | 6.41E-09 | 6.38E-09 | 4.26E-10 | 1.70E-09 | 1.12E-10 | 1.11E-10 | 1.10E-10 | 1.09E-10 |
| 167333.550037379390 | 167333.55 | 3908434.97 | FENCEGRD | 6.71E-09 | 6.64E-09 | 6.60E-09 | 6.56E-09 | 4.45E-10 | 1.73E-09 | 1.19E-10 | 1.18E-10 | 1.17E-10 | 1.15E-10 |
| 167349.601331633390 | 167349.60 | 3908417.90 | FENCEGRD | 6.93E-09 | 6.85E-09 | 6.78E-09 | 6 | | | | | | |

3rd Trimester Dose

| | | | | 3rd Trimester Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167024.207221897390 | 167024.21 | 3908657.50 | FENCEGRD | 6.28E-09 | 6.19E-09 | 6.09E-09 | 6.00E-09 | 2.11E-10 | 2.31E-09 | 8.57E-11 | 8.52E-11 | 8.49E-11 | 8.45E-11 |
| 167012.973585534390 | 167012.97 | 3908678.15 | FENCEGRD | 6.34E-09 | 6.24E-09 | 6.14E-09 | 6.05E-09 | 2.18E-10 | 2.48E-09 | 8.82E-11 | 8.77E-11 | 8.73E-11 | 8.69E-11 |
| 167001.739949173908 | 167001.74 | 3908698.80 | FENCEGRD | 6.36E-09 | 6.26E-09 | 6.16E-09 | 6.07E-09 | 2.25E-10 | 2.66E-09 | 8.97E-11 | 8.93E-11 | 8.88E-11 | 8.84E-11 |
| 166990.506312807390 | 166990.51 | 3908719.45 | FENCEGRD | 6.42E-09 | 6.33E-09 | 6.22E-09 | 6.14E-09 | 2.33E-10 | 2.86E-09 | 9.10E-11 | 9.05E-11 | 9.00E-11 | 8.96E-11 |
| 166979.272676443390 | 166979.27 | 3908740.10 | FENCEGRD | 6.54E-09 | 6.45E-09 | 6.35E-09 | 6.26E-09 | 2.42E-10 | 3.08E-09 | 9.23E-11 | 9.18E-11 | 9.13E-11 | 9.09E-11 |
| 166968.039040079390 | 166968.04 | 3908760.75 | FENCEGRD | 6.75E-09 | 6.65E-09 | 6.55E-09 | 6.46E-09 | 2.50E-10 | 3.33E-09 | 9.45E-11 | 9.39E-11 | 9.34E-11 | 9.30E-11 |
| 166956.805403716390 | 166956.81 | 3908781.40 | FENCEGRD | 7.05E-09 | 6.94E-09 | 6.83E-09 | 6.73E-09 | 2.58E-10 | 3.61E-09 | 9.81E-11 | 9.75E-11 | 9.70E-11 | 9.65E-11 |
| 166945.571767352390 | 166945.57 | 3908802.05 | FENCEGRD | 7.44E-09 | 7.33E-09 | 7.21E-09 | 7.10E-09 | 2.65E-10 | 3.93E-09 | 1.04E-10 | 1.03E-10 | 1.03E-10 | 1.02E-10 |
| 167371.888474415390 | 167371.89 | 3909070.62 | FENCEGRD | 3.24E-08 | 3.15E-08 | 3.06E-08 | 2.97E-08 | 4.48E-10 | 2.76E-08 | 3.16E-10 | 3.09E-10 | 3.03E-10 | 2.97E-10 |
| 167324.488572333390 | 167324.49 | 3909054.72 | FENCEGRD | 2.89E-08 | 2.80E-08 | 2.71E-08 | 2.63E-08 | 4.30E-10 | 2.31E-08 | 2.90E-10 | 2.85E-10 | 2.80E-10 | 2.76E-10 |
| 167277.083364552390 | 167277.08 | 3909038.83 | FENCEGRD | 2.54E-08 | 2.47E-08 | 2.39E-08 | 2.32E-08 | 4.22E-10 | 1.94E-08 | 2.70E-10 | 2.66E-10 | 2.62E-10 | 2.58E-10 |
| 167287.015632423390 | 167287.02 | 3909016.01 | FENCEGRD | 2.17E-08 | 2.11E-08 | 2.05E-08 | 2.01E-08 | 3.94E-10 | 1.76E-08 | 2.21E-10 | 2.18E-10 | 2.15E-10 | 2.13E-10 |
| 167182.264672139090 | 167182.26 | 3909007.07 | FENCEGRD | 1.97E-08 | 1.92E-08 | 1.87E-08 | 1.82E-08 | 4.00E-10 | 1.40E-08 | 2.37E-10 | 2.34E-10 | 2.31E-10 | 2.29E-10 |
| 167192.329370213908 | 167192.33 | 3908983.95 | FENCEGRD | 1.74E-08 | 1.70E-08 | 1.65E-08 | 1.62E-08 | 3.76E-10 | 1.26E-08 | 2.00E-10 | 1.97E-10 | 1.95E-10 | 1.93E-10 |
| 167087.440283725390 | 167087.44 | 3908975.32 | FENCEGRD | 1.57E-08 | 1.54E-08 | 1.50E-08 | 1.47E-08 | 3.73E-10 | 1.06E-08 | 2.12E-10 | 2.09E-10 | 2.07E-10 | 2.05E-10 |
| 167096.458830418390 | 167096.46 | 3908954.60 | FENCEGRD | 1.43E-08 | 1.40E-08 | 1.37E-08 | 1.34E-08 | 3.55E-10 | 9.60E-09 | 1.85E-10 | 1.83E-10 | 1.81E-10 | 1.80E-10 |
| 167106.604695447390 | 167106.60 | 3908931.29 | FENCEGRD | 1.29E-08 | 1.26E-08 | 1.24E-08 | 1.21E-08 | 3.38E-10 | 8.52E-09 | 1.60E-10 | 1.59E-10 | 1.57E-10 | 1.56E-10 |
| 166992.612970415390 | 166992.61 | 3908943.58 | FENCEGRD | 1.28E-08 | 1.25E-08 | 1.22E-08 | 1.20E-08 | 3.44E-10 | 7.17E-09 | 1.89E-10 | 1.87E-10 | 1.85E-10 | 1.83E-10 |
| 167001.680266009390 | 167001.68 | 3908922.75 | FENCEGRD | 1.18E-08 | 1.16E-08 | 1.13E-08 | 1.11E-08 | 3.28E-10 | 8.41E-09 | 1.68E-10 | 1.67E-10 | 1.65E-10 | 1.64E-10 |
| 167010.747561603390 | 167010.75 | 3908901.92 | FENCEGRD | 1.09E-08 | 1.07E-08 | 1.05E-08 | 1.03E-08 | 3.15E-10 | 6.69E-09 | 1.50E-10 | 1.49E-10 | 1.48E-10 | 1.47E-10 |
| 167019.814857197390 | 167019.81 | 3908881.09 | FENCEGRD | 1.01E-08 | 9.88E-09 | 9.69E-09 | 9.53E-09 | 3.04E-10 | 5.99E-09 | 1.35E-10 | 1.34E-10 | 1.33E-10 | 1.32E-10 |
| 166897.783956562390 | 166897.78 | 3908911.84 | FENCEGRD | 1.06E-08 | 1.04E-08 | 1.02E-08 | 9.98E-09 | 3.18E-10 | 6.42E-09 | 1.69E-10 | 1.67E-10 | 1.66E-10 | 1.65E-10 |
| 166906.886396713390 | 166906.89 | 3908890.93 | FENCEGRD | 9.84E-09 | 9.66E-09 | 9.47E-09 | 9.31E-09 | 3.00E-10 | 5.83E-09 | 1.52E-10 | 1.51E-10 | 1.50E-10 | 1.49E-10 |
| 166915.988836863390 | 166915.99 | 3908870.02 | FENCEGRD | 9.15E-09 | 8.99E-09 | 8.83E-09 | 8.69E-09 | 2.88E-10 | 5.29E-09 | 1.37E-10 | 1.36E-10 | 1.35E-10 | 1.34E-10 |
| 166925.091277014390 | 166925.09 | 3908849.11 | FENCEGRD | 8.56E-09 | 8.42E-09 | 8.27E-09 | 8.14E-09 | 2.79E-10 | 4.81E-09 | 1.25E-10 | 1.24E-10 | 1.23E-10 | 1.22E-10 |
| 166934.193717164390 | 166934.19 | 3908828.19 | FENCEGRD | 8.03E-09 | 7.90E-09 | 7.77E-09 | 7.65E-09 | 2.73E-10 | 4.39E-09 | 1.14E-10 | 1.13E-10 | 1.13E-10 | 1.12E-10 |
| 167363.014395385390 | 167363.01 | 3909118.12 | FENCEGRD | 5.84E-08 | 5.56E-08 | 5.28E-08 | 5.04E-08 | 5.26E-10 | 3.26E-08 | 6.00E-10 | 5.77E-10 | 5.57E-10 | 5.40E-10 |
| 167359.573909162.59 | 167359.57 | 3909162.59 | FENCEGRD | 9.39E-08 | 8.96E-08 | 8.51E-08 | 8.12E-08 | 7.21E-10 | 3.69E-08 | 1.15E-09 | 1.10E-09 | 1.05E-09 | 1.01E-09 |
| 167359.573909185.91 | 167359.57 | 3909185.91 | FENCEGRD | 1.13E-07 | 1.08E-07 | 1.03E-07 | 9.83E-08 | 9.23E-10 | 3.90E-08 | 1.55E-09 | 1.49E-09 | 1.44E-09 | 1.38E-09 |
| 167359.573909209.23 | 167359.57 | 3909209.24 | FENCEGRD | 1.30E-07 | 1.25E-07 | 1.19E-07 | 1.15E-07 | 1.26E-09 | 4.07E-08 | 2.02E-09 | 1.94E-09 | 1.88E-09 | 1.82E-09 |
| 167359.573909232.55 | 167359.57 | 3909232.56 | FENCEGRD | 1.45E-07 | 1.40E-07 | 1.35E-07 | 1.30E-07 | 1.81E-09 | 4.19E-08 | 2.49E-09 | 2.42E-09 | 2.35E-09 | 2.28E-09 |
| 167359.573909255.87 | 167359.57 | 3909255.88 | FENCEGRD | 1.55E-07 | 1.51E-07 | 1.46E-07 | 1.42E-07 | 2.69E-09 | 4.24E-08 | 2.92E-09 | 2.85E-09 | 2.78E-09 | 2.71E-09 |
| 167312.799120674390 | 167312.80 | 3909119.44 | FENCEGRD | 5.66E-08 | 5.38E-08 | 5.10E-08 | 4.87E-08 | 5.69E-10 | 2.99E-08 | 6.16E-10 | 5.96E-10 | 5.77E-10 | 5.62E-10 |
| 167319.257362021390 | 167319.26 | 3909079.78 | FENCEGRD | 3.69E-08 | 3.54E-08 | 3.40E-08 | 3.27E-08 | 4.68E-10 | 2.57E-08 | 3.82E-10 | 3.72E-10 | 3.64E-10 | 3.57E-10 |
| 167309.573909162.59 | 167309.57 | 3909162.59 | FENCEGRD | 8.42E-08 | 8.03E-08 | 7.63E-08 | 7.29E-08 | 7.94E-10 | 3.42E-08 | 1.05E-09 | 1.01E-09 | 9.79E-10 | 9.47E-10 |
| 167309.573909185.91 | 167309.57 | 3909185.91 | FENCEGRD | 9.93E-08 | 9.50E-08 | 9.05E-08 | 8.67E-08 | 1.01E-09 | 3.64E-08 | 1.37E-09 | 1.33E-09 | 1.28E-09 | 1.24E-09 |
| 167309.573909209.23 | 167309.57 | 3909209.24 | FENCEGRD | 1.14E-07 | 1.09E-07 | 1.04E-07 | 1.00E-07 | 1.33E-09 | 3.84E-08 | 1.74E-09 | 1.68E-09 | 1.63E-09 | 1.59E-09 |
| 167309.573909232.55 | 167309.57 | 3909232.56 | FENCEGRD | 1.28E-07 | 1.23E-07 | 1.18E-07 | 1.13E-07 | 1.83E-09 | 4.00E-08 | 2.11E-09 | 2.05E-09 | 2.00E-09 | 1.95E-09 |
| 167309.573909255.87 | 167309.57 | 3909255.88 | FENCEGRD | 1.37E-07 | 1.33E-07 | 1.28E-07 | 1.24E-07 | 2.53E-09 | 4.05E-08 | 2.45E-09 | 2.39E-09 | 2.33E-09 | 2.28E-09 |
| 167309.573909279.2 | 167309.57 | 3909279.20 | FENCEGRD | 1.43E-07 | 1.39E-07 | 1.35E-07 | 1.31E-07 | 3.45E-09 | 4.01E-08 | 2.71E-09 | 2.66E-09 | 2.61E-09 | 2.56E-09 |
| 167262.669955847390 | 167262.67 | 3909120.23 | FENCEGRD | 5.27E-08 | 5.02E-08 | 4.77E-08 | 4.56E-08 | 6.14E-10 | 2.72E-08 | 6.17E-10 | 5.98E-10 | 5.82E-10 | 5.68E-10 |
| 167268.869867543909 | 167268.87 | 3909082.16 | FENCEGRD | 3.67E-08 | 3.52E-08 | 3.37E-08 | 3.25E-08 | 4.94E-10 | 2.34E-08 | 4.11E-10 | 4.02E-10 | 3.93E-10 | 3.86E-10 |
| 167259.573909162.59 | 167259.57 | 3909162.59 | FENCEGRD | 7.51E-08 | 7.17E-08 | 6.82E-08 | 6.52E-08 | 8.61E-10 | 3.16E-08 | 9.82E-10 | 9.49E-10 | 9.20E-10 | 8.94E-10 |
| 167259.573909185.91 | 167259.57 | 3909185.91 | FENCEGRD | 8.75E-08 | 8.38E-08 | 7.99E-08 | 7.66E-08 | 1.08E-09 | 3.38E-08 | 1.25E-09 | 1.21E-09 | 1.17E-09 | 1.14E-09 |
| 167259.573909209.23 | 167259.57 | 3909209.24 | FENCEGRD | 9.89E-08 | 9.50E-08 | 9.07E-08 | 8.72E-08 | 1.38E-09 | 3.56E-08 | 1.53E-09 | 1.49E-09 | 1.45E-09 | 1.41E-09 |
| 167259.573909232.55 | 167259.57 | 3909232.56 | FENCEGRD | 1.09E-07 | 1.05E-07 | 1.00E-07 | 9.67E-08 | 1.81E-09 | 3.68E-08 | 1.81E-09 | 1.76E-09 | 1.72E-09 | 1.68E-09 |
| 167259.573909255.87 | 167259.57 | 3909255.88 | FENCEGRD | 1.17E-07 | 1.13E-07 | 1.09E-07 | 1.05E-07 | 2.39E-09 | 3.72E-08 | 2.06E-09 | 2.01E-09 | 1.97E-09 | 1.93E-09 |
| 167259.573909279.2 | 167259.57 | 3909279.20 | FENCEGRD | 1.22E-07 | 1.19E-07 | 1.15E-07 | 1.12E-07 | 3.11E-09 | 3.72E-08 | 2.28E-09 | 2.23E-09 | 2.19E-09 | 2.15E-09 |
| 167163.014395385390 | 167163.01 | 3909118.12 | FENCEGRD | 4.30E-08 | 4.12E-08 | 3.94E-08 | 3.78E-08 | 6.82E-10 | 2.23E-08 | 5.76E-10 | 5.62E-10 | 5.50E-10 | 5.39E-10 |
| 167169.903186155390 | 167169.90 | 3909075.82 | FENCEGRD | 3.14E-08 | 3.02E-08 | 2.90E-08 | 2.80E-08 | 5.25E-10 | 1.91E-08 | 4.06E-10 | 3.98E-10 | 3.91E-10 | 3.85E-10 |
| 167176.791976925390 | 167176.79 | 3909033.51 | FENCEGRD | 2.32E-08 | 2.25E-08 | 2.18E-08 | 2.12E-08 | 4.35E-10 | 1.59E-08 | 2.90E-10 | 2.86E-10 | 2.82E-10 | 2.78E-10 |
| 167159.573909162.59 | 167159.57 | 3909162.59 | FENCEGRD | 5.78E-08 | 5.55E-08 | 5.31E-08 | 5.10E-08 | 9.52E-10 | 2.56E-08 | 8.40E-10 | 8.17E-10 | 7.97E-10 | 7.79E-10 |
| 167159.573909185.91 | 167159.57 | 3909185.91 | FENCEGRD | 6.56E-08 | 6.31E-08 | 6.05E-08 | 5.83E-08 | 1.15E-09 | 2.73E-08 | 1.01E-09 | 9.88E-10 | 9.65E-10 | 9.43E-10 |
| 167159.573909209.23 | 167159.57 | 3909209.24 | FENCEGRD | 7.27E-08 | 7.01E-08 | 6.74E-08 | 6.51E-08 | 1.41E-09 | 2.88E-08 | 1.20E-09 | 1.17E-09 | 1.15E-09 | 1.12E-09 |
| 167159.573909232.55 | 167159.57 | 3909232.56 | FENCEGRD | 7.92E-08 | 7.65E-08 | 7.37E-08 | 7.13E-08 | 1.74E-09 | 3.01E-08 | 1.39E-09 | 1.36E-09 | 1.33E-09 | 1.30E-09 |
| 167159.573909255.87 | 167159.57 | 3909255.88 | FENCEGRD | 8.51E-08 | 8.24E-08 | 7.95E-08 | 7.71E-08 | 2.15E-09 | 3.10E-08 | 1.56E-09 | 1.53E-09 | 1.50E-09 | 1.48E-09 |
| 167159.573909279.2 | 167159.57 | 3909279.20 | FENCEGRD | 9.05E-08 | 8.78E-08 | 8.49E-08 | 8.24E-08 | 2.66E-09 | 3.17E-08 | 1.72E-09 | 1.69E-09 | 1.66E-09 | 1.64E-09 |
| 167063.260423627390 | 167063.26 | 3909116.61 | FENCEGRD | 3.52E-08 | 3.39E-08 | 3.26E-08 | 3.14E-08 | 7.39E-10 | 1.86E-08 | 5.31E-10 | 5.20E-10 | 5.10E-10 | 5.01E-10 |
| 167066.950847254390 | 167066.95 | 3909093.95 | FENCEGRD | 3.07E-08 | 2.96E-08 | 2.85E-08 | 2.75E-08 | 6.41E-10 | 1.73E-08 | 4.56E-10 | 4.47E-10 | 4.39E-10 | 4.32E-10 |
| 167070.641270881390 | 167070.64 | 3909071.28 | FENCEGRD | 2.68E-08 | 2.58E-08 | 2.49E-08 | 2.41E-08 | 5.60E-10 | 1.60E-08 | 3.92E-10 | 3.85E-10 | 3.79E-10 | 3.74E-10 |
| 167074.331694508390 | 167074.33 | 3909048.62 | FENCEGRD | 2.33E-08 | 2.26E-08 | 2.18E-08 | 2.12E-08 | 4.95E-10 | 1.46E-08 | 3.38E-10 | 3.33E-10 | 3.28E-10 | 3.24E-10 |
| 167078.022118134390 | 167078.02 | 3909025.96 | FENCEGRD | 2.05E-08 | 1.99E-08 | 1.93E-08 | 1.87 | | | | | | |

3rd Trimester Dose

| | | | | 3rd Trimester Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 166881.269690926390 | 166881.27 | 3909006.02 | FENCEGRD | 1.50E-08 | 1.47E-08 | 1.43E-08 | 1.40E-08 | 4.58E-10 | 9.45E-09 | 2.61E-10 | 2.58E-10 | 2.55E-10 | 2.52E-10 |
| 166884.886306083908 | 166884.89 | 3908983.81 | FENCEGRD | 1.37E-08 | 1.34E-08 | 1.31E-08 | 1.28E-08 | 4.15E-10 | 8.70E-09 | 2.36E-10 | 2.33E-10 | 2.31E-10 | 2.28E-10 |
| 166888.502921235390 | 166888.50 | 3908961.60 | FENCEGRD | 1.26E-08 | 1.24E-08 | 1.21E-08 | 1.18E-08 | 3.78E-10 | 7.97E-09 | 2.13E-10 | 2.11E-10 | 2.09E-10 | 2.07E-10 |
| 166859.573909139.27 | 166859.57 | 3909139.27 | FENCEGRD | 2.69E-08 | 2.61E-08 | 2.53E-08 | 2.45E-08 | 8.60E-10 | 1.41E-08 | 4.98E-10 | 4.90E-10 | 4.82E-10 | 4.75E-10 |
| 166859.573909162.59 | 166859.57 | 3909162.59 | FENCEGRD | 2.98E-08 | 2.89E-08 | 2.80E-08 | 2.72E-08 | 9.64E-10 | 1.50E-08 | 5.64E-10 | 5.54E-10 | 5.45E-10 | 5.37E-10 |
| 166859.573909185.91 | 166859.57 | 3909185.91 | FENCEGRD | 3.27E-08 | 3.18E-08 | 3.08E-08 | 3.00E-08 | 1.09E-09 | 1.59E-08 | 6.37E-10 | 6.26E-10 | 6.16E-10 | 6.07E-10 |
| 166859.573909209.23 | 166859.57 | 3909209.24 | FENCEGRD | 3.56E-08 | 3.47E-08 | 3.37E-08 | 3.28E-08 | 1.23E-09 | 1.68E-08 | 7.18E-10 | 7.06E-10 | 6.95E-10 | 6.84E-10 |
| 166859.573909232.55 | 166859.57 | 3909232.56 | FENCEGRD | 3.83E-08 | 3.73E-08 | 3.63E-08 | 3.54E-08 | 1.39E-09 | 1.77E-08 | 8.01E-10 | 7.89E-10 | 7.77E-10 | 7.66E-10 |
| 166859.573909255.87 | 166859.57 | 3909255.88 | FENCEGRD | 4.07E-08 | 3.97E-08 | 3.87E-08 | 3.78E-08 | 1.59E-09 | 1.85E-08 | 8.82E-10 | 8.69E-10 | 8.58E-10 | 8.47E-10 |
| 166859.573909279.2 | 166859.57 | 3909279.20 | FENCEGRD | 4.30E-08 | 4.20E-08 | 4.09E-08 | 4.00E-08 | 1.81E-09 | 1.93E-08 | 9.58E-10 | 9.46E-10 | 9.34E-10 | 9.23E-10 |
| 167540.497012865390 | 167540.50 | 3909215.75 | | 7.67E-08 | 7.87E-08 | 8.13E-08 | 8.34E-08 | 2.99E-09 | 4.86E-08 | 6.25E-09 | 6.22E-09 | 6.19E-09 | 6.01E-09 |
| 167541.642759649390 | 167541.64 | 3909179.96 | | 5.97E-08 | 5.89E-08 | 5.91E-08 | 5.91E-08 | 2.43E-09 | 4.75E-08 | 4.20E-09 | 3.82E-09 | 3.44E-09 | 3.09E-09 |
| 167537.739545029390 | 167537.74 | 3909149.96 | | 3.77E-08 | 3.70E-08 | 3.66E-08 | 3.61E-08 | 2.03E-09 | 4.58E-08 | 1.90E-09 | 1.62E-09 | 1.38E-09 | 1.22E-09 |
| 167536.333909120.68 | 167536.33 | 3909120.68 | | 1.96E-08 | 1.92E-08 | 1.91E-08 | 1.90E-08 | 1.85E-09 | 4.38E-08 | 6.54E-10 | 5.82E-10 | 5.26E-10 | 4.89E-10 |
| 167536.333909106.64 | 167536.33 | 3909106.64 | | 1.48E-08 | 1.49E-08 | 1.52E-08 | 1.55E-08 | 1.80E-09 | 4.27E-08 | 4.40E-10 | 4.11E-10 | 3.86E-10 | 3.69E-10 |
| 167534.583909076.82 | 167534.58 | 3909076.82 | | 1.29E-08 | 1.31E-08 | 1.35E-08 | 1.38E-08 | 1.67E-09 | 4.01E-08 | 3.01E-10 | 2.91E-10 | 2.82E-10 | 2.74E-10 |
| 167559.143909104.89 | 167559.14 | 3909104.89 | | 1.27E-08 | 1.28E-08 | 1.30E-08 | 1.32E-08 | 2.58E-09 | 4.66E-08 | 5.34E-10 | 4.96E-10 | 4.62E-10 | 4.37E-10 |
| 167557.393909075.06 | 167557.39 | 3909075.06 | | 1.25E-08 | 1.26E-08 | 1.26E-08 | 1.27E-08 | 2.25E-09 | 4.25E-08 | 4.11E-10 | 3.91E-10 | 3.71E-10 | 3.55E-10 |
| 167589.843909052.25 | 167589.84 | 3909052.25 | | 2.06E-08 | 1.75E-08 | 1.53E-08 | 1.43E-08 | 3.30E-09 | 4.85E-08 | 8.27E-10 | 7.56E-10 | 6.92E-10 | 6.41E-10 |
| 167615.283909003.13 | 167615.28 | 3909003.13 | | 6.45E-08 | 5.22E-08 | 4.16E-08 | 3.54E-08 | 3.56E-09 | 4.85E-08 | 1.09E-09 | 1.01E-09 | 9.34E-10 | 8.72E-10 |
| 167542.473909053.13 | 167542.47 | 3909053.13 | | 1.25E-08 | 1.27E-08 | 1.29E-08 | 1.32E-08 | 1.76E-09 | 3.85E-08 | 3.09E-10 | 2.99E-10 | 2.88E-10 | 2.78E-10 |
| 167566.163909006.64 | 167566.16 | 3909006.64 | | 1.72E-08 | 1.63E-08 | 1.55E-08 | 1.51E-08 | 2.05E-09 | 3.56E-08 | 4.55E-10 | 4.31E-10 | 4.07E-10 | 3.87E-10 |
| 167539.753909198.46 | 167539.75 | 3909198.46 | | 7.07E-08 | 7.16E-08 | 7.30E-08 | 7.41E-08 | 2.52E-09 | 4.78E-08 | 5.28E-09 | 5.07E-09 | 4.82E-09 | 4.51E-09 |
| 167537.083909134.72 | 167537.08 | 3909134.72 | | 2.73E-08 | 2.65E-08 | 2.61E-08 | 2.57E-08 | 1.93E-09 | 4.49E-08 | 1.10E-09 | 9.40E-10 | 8.14E-10 | 7.31E-10 |
| 167535.553909092.74 | 167535.55 | 3909092.74 | | 1.32E-08 | 1.35E-08 | 1.39E-08 | 1.43E-08 | 1.74E-09 | 4.15E-08 | 3.46E-10 | 3.32E-10 | 3.18E-10 | 3.08E-10 |
| 167558.453909089.69 | 167558.45 | 3909089.69 | | 1.24E-08 | 1.25E-08 | 1.27E-08 | 1.28E-08 | 2.41E-09 | 4.44E-08 | 4.47E-10 | 4.24E-10 | 4.01E-10 | 3.83E-10 |
| 167553.493909032.06 | 167553.49 | 3909032.06 | | 1.31E-08 | 1.30E-08 | 1.30E-08 | 1.32E-08 | 1.90E-09 | 3.72E-08 | 3.66E-10 | 3.49E-10 | 3.32E-10 | 3.18E-10 |
| 167601.963909028.24 | 167601.96 | 3909028.24 | | 4.06E-08 | 3.17E-08 | 2.49E-08 | 2.14E-08 | 3.44E-09 | 4.84E-08 | 9.67E-10 | 8.90E-10 | 8.19E-10 | 7.60E-10 |

0<2 Dose

| | | | | 0<2 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167603.820034585390 | 167603.82 | 3909302.48 | FENCEGRD | 1.96E-07 | 2.02E-07 | 2.11E-07 | 2.21E-07 | 4.76E-08 | 5.97E-08 | 4.24E-09 | 4.40E-09 | 4.58E-09 | 4.78E-09 |
| 167615.268534585390 | 167615.27 | 3909280.72 | FENCEGRD | 1.87E-07 | 1.92E-07 | 1.98E-07 | 2.03E-07 | 5.63E-08 | 6.02E-08 | 4.15E-09 | 4.34E-09 | 4.55E-09 | 4.77E-09 |
| 167626.717034585390 | 167626.72 | 3909258.96 | FENCEGRD | 1.73E-07 | 1.77E-07 | 1.79E-07 | 1.80E-07 | 6.27E-08 | 6.17E-08 | 4.34E-09 | 4.56E-09 | 4.80E-09 | 5.05E-09 |
| 167638.165534585390 | 167638.17 | 3909237.19 | FENCEGRD | 1.45E-07 | 1.49E-07 | 1.53E-07 | 1.53E-07 | 6.73E-08 | 6.44E-08 | 4.81E-09 | 5.03E-09 | 5.29E-09 | 5.59E-09 |
| 167649.614034585390 | 167649.61 | 3909215.43 | FENCEGRD | 1.17E-07 | 1.17E-07 | 1.19E-07 | 1.21E-07 | 6.97E-08 | 7.01E-08 | 6.10E-09 | 6.35E-09 | 6.61E-09 | 6.99E-09 |
| 167661.062534585390 | 167661.06 | 3909193.67 | FENCEGRD | 1.13E-07 | 1.05E-07 | 1.00E-07 | 9.97E-08 | 6.85E-08 | 8.01E-08 | 8.70E-09 | 9.15E-09 | 9.58E-09 | 1.02E-08 |
| 167672.511034585390 | 167672.51 | 3909171.91 | FENCEGRD | 1.13E-07 | 1.04E-07 | 9.33E-08 | 8.65E-08 | 6.45E-08 | 9.31E-08 | 1.21E-08 | 1.29E-08 | 1.37E-08 | 1.48E-08 |
| 167683.959534585390 | 167683.96 | 3909150.15 | FENCEGRD | 1.26E-07 | 1.16E-07 | 1.04E-07 | 9.53E-08 | 5.93E-08 | 1.07E-07 | 1.57E-08 | 1.68E-08 | 1.81E-08 | 1.95E-08 |
| 167695.408034585390 | 167695.41 | 3909128.39 | FENCEGRD | 1.78E-07 | 1.82E-07 | 1.89E-07 | 2.13E-07 | 5.45E-08 | 1.19E-07 | 1.88E-08 | 2.01E-08 | 2.18E-08 | 2.35E-08 |
| 167706.856534585390 | 167706.86 | 3909106.63 | FENCEGRD | 4.07E-07 | 4.80E-07 | 5.87E-07 | 7.32E-07 | 5.03E-08 | 1.31E-07 | 2.09E-08 | 2.22E-08 | 2.37E-08 | 2.50E-08 |
| 167718.305034585390 | 167718.31 | 3909084.86 | FENCEGRD | 7.62E-07 | 8.99E-07 | 1.07E-06 | 1.23E-06 | 4.77E-08 | 1.41E-07 | 2.17E-08 | 2.26E-08 | 2.35E-08 | 2.41E-08 |
| 167729.753534585390 | 167729.75 | 3909063.10 | FENCEGRD | 1.10E-06 | 1.23E-06 | 1.37E-06 | 1.47E-06 | 4.51E-08 | 1.52E-07 | 2.14E-08 | 2.18E-08 | 2.22E-08 | 2.23E-08 |
| 167741.202034585390 | 167741.20 | 3909041.34 | FENCEGRD | 1.30E-06 | 1.39E-06 | 1.46E-06 | 1.51E-06 | 4.25E-08 | 1.63E-07 | 2.03E-08 | 2.04E-08 | 2.05E-08 | 2.03E-08 |
| 167752.650534585390 | 167752.65 | 3909019.58 | FENCEGRD | 1.36E-06 | 1.41E-06 | 1.44E-06 | 1.45E-06 | 4.01E-08 | 1.73E-07 | 1.90E-08 | 1.90E-08 | 1.88E-08 | 1.86E-08 |
| 167764.099034585390 | 167764.10 | 3908997.82 | FENCEGRD | 1.33E-06 | 1.35E-06 | 1.36E-06 | 1.35E-06 | 3.76E-08 | 1.82E-07 | 1.76E-08 | 1.74E-08 | 1.72E-08 | 1.69E-08 |
| 167775.547534585390 | 167775.55 | 3908976.06 | FENCEGRD | 1.24E-06 | 1.24E-06 | 1.24E-06 | 1.23E-06 | 3.50E-08 | 1.90E-07 | 1.62E-08 | 1.60E-08 | 1.57E-08 | 1.55E-08 |
| 167786.996034585390 | 167787.00 | 3908954.30 | FENCEGRD | 1.14E-06 | 1.13E-06 | 1.12E-06 | 1.10E-06 | 3.28E-08 | 1.98E-07 | 1.49E-08 | 1.47E-08 | 1.44E-08 | 1.42E-08 |
| 167798.444534585390 | 167798.44 | 3908932.53 | FENCEGRD | 1.03E-06 | 1.01E-06 | 9.93E-07 | 9.73E-07 | 3.02E-08 | 2.06E-07 | 1.36E-08 | 1.34E-08 | 1.32E-08 | 1.29E-08 |
| 167809.893034585390 | 167809.89 | 3908910.77 | FENCEGRD | 9.26E-07 | 9.09E-07 | 8.89E-07 | 8.68E-07 | 2.82E-08 | 2.14E-07 | 1.26E-08 | 1.24E-08 | 1.21E-08 | 1.19E-08 |
| 167821.341534585390 | 167821.34 | 3908889.01 | FENCEGRD | 8.28E-07 | 8.10E-07 | 7.90E-07 | 7.70E-07 | 2.60E-08 | 2.27E-07 | 1.16E-08 | 1.13E-08 | 1.11E-08 | 1.09E-08 |
| 167832.790034585390 | 167832.79 | 3908867.25 | FENCEGRD | 7.47E-07 | 7.29E-07 | 7.11E-07 | 6.93E-07 | 2.45E-08 | 2.43E-07 | 1.08E-08 | 1.06E-08 | 1.04E-08 | 1.02E-08 |
| 167583.765368876390 | 167583.77 | 3909333.07 | FENCEGRD | 2.04E-07 | 2.14E-07 | 2.28E-07 | 2.43E-07 | 3.48E-08 | 6.12E-08 | 4.48E-09 | 4.62E-09 | 4.78E-09 | 4.97E-09 |
| 167625.945051877390 | 167625.95 | 3909314.12 | FENCEGRD | 2.01E-07 | 2.08E-07 | 2.14E-07 | 2.18E-07 | 3.26E-08 | 5.20E-08 | 3.55E-09 | 3.69E-09 | 3.84E-09 | 3.99E-09 |
| 167637.393551877390 | 167637.39 | 3909292.36 | FENCEGRD | 1.91E-07 | 2.01E-07 | 2.10E-07 | 2.15E-07 | 4.04E-08 | 5.28E-08 | 3.53E-09 | 3.67E-09 | 3.83E-09 | 3.99E-09 |
| 167648.842051877390 | 167648.84 | 3909270.60 | FENCEGRD | 1.73E-07 | 1.84E-07 | 1.96E-07 | 2.04E-07 | 4.75E-08 | 5.43E-08 | 3.74E-09 | 3.86E-09 | 4.00E-09 | 4.16E-09 |
| 167660.290551877390 | 167660.29 | 3909248.83 | FENCEGRD | 1.49E-07 | 1.54E-07 | 1.62E-07 | 1.70E-07 | 5.31E-08 | 5.60E-08 | 4.12E-09 | 4.21E-09 | 4.32E-09 | 4.45E-09 |
| 167671.739051877390 | 167671.74 | 3909227.07 | FENCEGRD | 1.56E-07 | 1.52E-07 | 1.49E-07 | 1.49E-07 | 5.80E-08 | 5.94E-08 | 4.93E-09 | 5.04E-09 | 5.15E-09 | 5.29E-09 |
| 167683.187551877390 | 167683.19 | 3909205.31 | FENCEGRD | 1.90E-07 | 1.85E-07 | 1.73E-07 | 1.62E-07 | 6.08E-08 | 6.52E-08 | 6.31E-09 | 6.52E-09 | 6.73E-09 | 6.99E-09 |
| 167694.636051877390 | 167694.64 | 3909183.55 | FENCEGRD | 2.05E-07 | 2.03E-07 | 1.96E-07 | 1.86E-07 | 6.13E-08 | 7.39E-08 | 8.33E-09 | 8.69E-09 | 9.06E-09 | 9.52E-09 |
| 167706.084551877390 | 167706.08 | 3909161.79 | FENCEGRD | 2.14E-07 | 2.11E-07 | 2.02E-07 | 1.91E-07 | 5.93E-08 | 8.41E-08 | 1.08E-08 | 1.14E-08 | 1.20E-08 | 1.27E-08 |
| 167717.533051877390 | 167717.53 | 3909140.03 | FENCEGRD | 2.45E-07 | 2.48E-07 | 2.48E-07 | 2.48E-07 | 5.61E-08 | 9.51E-08 | 1.35E-08 | 1.43E-08 | 1.52E-08 | 1.62E-08 |
| 167728.981551877390 | 167728.98 | 3909118.27 | FENCEGRD | 3.21E-07 | 3.50E-07 | 3.84E-07 | 4.33E-07 | 5.29E-08 | 1.04E-07 | 1.58E-08 | 1.66E-08 | 1.77E-08 | 1.88E-08 |
| 167740.430051877390 | 167740.43 | 3909096.50 | FENCEGRD | 5.03E-07 | 5.69E-07 | 6.54E-07 | 7.54E-07 | 5.04E-08 | 1.14E-07 | 1.75E-08 | 1.84E-08 | 1.94E-08 | 2.03E-08 |
| 167751.878551877390 | 167751.88 | 3909074.74 | FENCEGRD | 7.54E-07 | 8.52E-07 | 9.70E-07 | 1.09E-06 | 4.81E-08 | 1.25E-07 | 1.86E-08 | 1.93E-08 | 2.01E-08 | 2.08E-08 |
| 167763.327051877390 | 167763.33 | 3909052.98 | FENCEGRD | 9.89E-07 | 1.09E-06 | 1.20E-06 | 1.29E-06 | 4.60E-08 | 1.36E-07 | 1.90E-08 | 1.95E-08 | 2.00E-08 | 2.04E-08 |
| 167774.775551877390 | 167774.78 | 3909031.22 | FENCEGRD | 1.13E-06 | 1.22E-06 | 1.30E-06 | 1.36E-06 | 4.31E-08 | 1.46E-07 | 1.86E-08 | 1.89E-08 | 1.92E-08 | 1.93E-08 |
| 167786.224051877390 | 167786.22 | 3909009.46 | FENCEGRD | 1.18E-06 | 1.23E-06 | 1.29E-06 | 1.32E-06 | 3.99E-08 | 1.55E-07 | 1.78E-08 | 1.79E-08 | 1.80E-08 | 1.79E-08 |
| 167797.672551877390 | 167797.67 | 3908987.70 | FENCEGRD | 1.15E-06 | 1.19E-06 | 1.21E-06 | 1.23E-06 | 3.65E-08 | 1.64E-07 | 1.66E-08 | 1.66E-08 | 1.66E-08 | 1.65E-08 |
| 167809.121051877390 | 167809.12 | 3908965.94 | FENCEGRD | 1.10E-06 | 1.11E-06 | 1.12E-06 | 1.12E-06 | 3.36E-08 | 1.73E-07 | 1.55E-08 | 1.54E-08 | 1.53E-08 | 1.51E-08 |
| 167820.569551877390 | 167820.57 | 3908944.17 | FENCEGRD | 1.02E-06 | 1.03E-06 | 1.02E-06 | 1.01E-06 | 3.07E-08 | 1.86E-07 | 1.45E-08 | 1.43E-08 | 1.41E-08 | 1.39E-08 |
| 167832.018051877390 | 167832.02 | 3908922.41 | FENCEGRD | 9.35E-07 | 9.31E-07 | 9.21E-07 | 9.06E-07 | 2.85E-08 | 2.03E-07 | 1.36E-08 | 1.34E-08 | 1.32E-08 | 1.30E-08 |
| 167843.466551877390 | 167843.47 | 3908900.65 | FENCEGRD | 8.28E-07 | 8.21E-07 | 8.09E-07 | 7.95E-07 | 2.65E-08 | 2.24E-07 | 1.28E-08 | 1.26E-08 | 1.24E-08 | 1.21E-08 |
| 167854.915051877390 | 167854.92 | 3908878.89 | FENCEGRD | 7.25E-07 | 7.16E-07 | 7.05E-07 | 6.92E-07 | 2.49E-08 | 2.42E-07 | 1.20E-08 | 1.18E-08 | 1.16E-08 | 1.13E-08 |
| 167610.577017612390 | 167610.58 | 3909342.60 | FENCEGRD | 1.95E-07 | 2.00E-07 | 2.05E-07 | 2.10E-07 | 2.21E-08 | 5.21E-08 | 3.78E-09 | 3.88E-09 | 3.99E-09 | 4.10E-09 |
| 167554.337440276390 | 167554.34 | 3909367.86 | FENCEGRD | 2.29E-07 | 2.44E-07 | 2.64E-07 | 2.83E-07 | 2.38E-08 | 6.41E-08 | 4.77E-09 | 4.95E-09 | 5.15E-09 | 5.37E-09 |
| 167648.070069173909 | 167648.07 | 3909325.76 | FENCEGRD | 1.77E-07 | 1.89E-07 | 2.03E-07 | 2.14E-07 | 2.44E-08 | 4.75E-08 | 3.12E-09 | 3.23E-09 | 3.37E-09 | 3.49E-09 |
| 167659.518569173909 | 167659.52 | 3909304.00 | FENCEGRD | 1.66E-07 | 1.78E-07 | 1.93E-07 | 2.06E-07 | 2.99E-08 | 4.83E-08 | 3.23E-09 | 3.32E-09 | 3.42E-09 | 3.53E-09 |
| 167670.967069173909 | 167670.97 | 3909282.24 | FENCEGRD | 1.55E-07 | 1.63E-07 | 1.75E-07 | 1.85E-07 | 3.58E-08 | 4.95E-08 | 3.49E-09 | 3.54E-09 | 3.61E-09 | 3.69E-09 |
| 167682.415569173909 | 167682.42 | 3909260.47 | FENCEGRD | 1.55E-07 | 1.57E-07 | 1.59E-07 | 1.62E-07 | 4.13E-08 | 5.06E-08 | 3.84E-09 | 3.89E-09 | 3.94E-09 | 4.00E-09 |
| 167693.864069173909 | 167693.86 | 3909238.71 | FENCEGRD | 1.80E-07 | 1.78E-07 | 1.72E-07 | 1.67E-07 | 4.65E-08 | 5.26E-08 | 4.33E-09 | 4.40E-09 | 4.48E-09 | 4.56E-09 |
| 167705.312569173909 | 167705.31 | 3909216.95 | FENCEGRD | 2.21E-07 | 2.25E-07 | 2.26E-07 | 2.24E-07 | 5.18E-08 | 5.70E-08 | 5.20E-09 | 5.33E-09 | 5.46E-09 | 5.61E-09 |
| 167716.761069173909 | 167716.76 | 3909195.19 | FENCEGRD | 2.31E-07 | 2.37E-07 | 2.40E-07 | 2.40E-07 | 5.47E-08 | 6.28E-08 | 6.42E-09 | 6.63E-09 | 6.83E-09 | 7.08E-09 |
| 167728.209569173909 | 167728.21 | 3909173.43 | FENCEGRD | 2.33E-07 | 2.36E-07 | 2.36E-07 | 2.34E-07 | 5.51E-08 | 6.90E-08 | 7.88E-09 | 8.18E-09 | 8.50E-09 | 8.87E-09 |
| 167739.658069173909 | 167739.66 | 3909151.67 | FENCEGRD | 2.33E-07 | 2.36E-07 | 2.36E-07 | 2.35E-07 | 5.40E-08 | 7.60E-08 | 9.64E-09 | 1.01E-08 | 1.05E-08 | 1.11E-08 |
| 167751.106569173909 | 167751.11 | 3909129.91 | FENCEGRD | 2.67E-07 | 2.82E-07 | 2.98E-07 | 3.16E-07 | 5.25E-08 | 8.42E-08 | 1.16E-08 | 1.22E-08 | 1.28E-08 | 1.35E-08 |
| 167762.555069173909 | 167762.56 | 3909108.14 | FENCEGRD | 3.70E-07 | 4.06E-07 | 4.50E-07 | 5.01E-07 | 5.08E-08 | 9.33E-08 | 1.35E-08 | 1.41E-08 | 1.49E-08 | 1.56E-08 |
| 167774.003569173909 | 167774.00 | 3909086.38 | FENCEGRD | 5.27E-07 | 5.88E-07 | 6.65E-07 | 7.44E-07 | 4.90E-08 | 1.03E-07 | 1.51E-08 | 1.57E-08 | 1.65E-08 | 1.72E-08 |
| 167785.452069173909 | 167785.45 | 3909064.62 | FENCEGRD | 7.06E-07 | 7.86E-07 | 8.83E-07 | 9.76E-07 | 4.71E-08 | 1.13E-07 | 1.62E-08 | 1.68E-08 | 1.74E-08 | 1.80E-08 |
| 167796.900569173909 | 167796.90 | 3909042.86 | FENCEGRD | 8.65E-07 | 9.45E-07 | 1.04E-06 | 1.12E-06 | 4.43E-08 | 1.23E-07 | 1.67E-08 | 1.72E-08 | 1.76E-08 | 1.80E-08 |
| 167808.349069173909 | 167808.35 | 3909021.10 | FENCEGRD | 9.64E-07 | 1.03E-06 | 1.11E-06 | 1.16E-06 | 4.11E-08 | 1.32E-07 | 1.66E-08 | 1.69E-08 | 1.72E-08 | 1.75E-08 |
| 167819.797569173908 | 167819.80 | 3908999.34 | FENCEGRD | 1.01E-06 | 1.06E-06 | 1.11E-06 | 1.15E-06 | 3.78E-08 | 1.43E-07 | 1.63E-08 | 1.64E-08 | 1.66E-08 | 1.67E-08 |
| 167831.246069173908 | 167831.25 | 3908977.57 | FENCEGRD | 1.01E-06 | 1.05E-06 | 1.08E-06 | 1.10 | | | | | | |

0<2 Dose

| | | | | 0<2 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167818.253603755390 | 167818.25 | 3909109.66 | FENCEGRD | 3.23E-07 | 3.48E-07 | 3.77E-07 | 4.06E-07 | 4.45E-08 | 7.30E-08 | 9.50E-09 | 9.85E-09 | 1.02E-08 | 1.06E-08 |
| 167829.702103755390 | 167829.70 | 3909087.90 | FENCEGRD | 4.02E-07 | 4.36E-07 | 4.76E-07 | 5.17E-07 | 4.41E-08 | 8.01E-08 | 1.07E-08 | 1.11E-08 | 1.16E-08 | 1.20E-08 |
| 167841.150603755390 | 167841.15 | 3909066.14 | FENCEGRD | 4.92E-07 | 5.35E-07 | 5.88E-07 | 6.41E-07 | 4.30E-08 | 8.85E-08 | 1.19E-08 | 1.23E-08 | 1.27E-08 | 1.32E-08 |
| 167852.599103755390 | 167852.60 | 3909044.38 | FENCEGRD | 5.83E-07 | 6.35E-07 | 6.97E-07 | 7.55E-07 | 4.13E-08 | 9.84E-08 | 1.29E-08 | 1.33E-08 | 1.37E-08 | 1.41E-08 |
| 167864.047603755390 | 167864.05 | 3909022.62 | FENCEGRD | 6.51E-07 | 7.08E-07 | 7.75E-07 | 8.33E-07 | 3.97E-08 | 1.12E-07 | 1.38E-08 | 1.42E-08 | 1.45E-08 | 1.49E-08 |
| 167875.496103755390 | 167875.50 | 3909000.85 | FENCEGRD | 6.17E-07 | 6.69E-07 | 7.30E-07 | 7.83E-07 | 3.85E-08 | 1.29E-07 | 1.47E-08 | 1.50E-08 | 1.54E-08 | 1.57E-08 |
| 167886.944603755390 | 167886.94 | 3908979.09 | FENCEGRD | 4.76E-07 | 5.13E-07 | 5.57E-07 | 5.96E-07 | 3.66E-08 | 1.39E-07 | 1.48E-08 | 1.50E-08 | 1.54E-08 | 1.56E-08 |
| 167898.393103755390 | 167898.39 | 3908957.33 | FENCEGRD | 4.46E-07 | 4.75E-07 | 5.09E-07 | 5.40E-07 | 3.42E-08 | 1.45E-07 | 1.42E-08 | 1.45E-08 | 1.47E-08 | 1.49E-08 |
| 167909.841603755390 | 167909.84 | 3908935.57 | FENCEGRD | 4.47E-07 | 4.71E-07 | 5.00E-07 | 5.25E-07 | 3.20E-08 | 1.52E-07 | 1.37E-08 | 1.39E-08 | 1.40E-08 | 1.42E-08 |
| 167921.290103755390 | 167921.29 | 3908913.81 | FENCEGRD | 4.99E-07 | 5.21E-07 | 5.47E-07 | 5.67E-07 | 3.03E-08 | 1.62E-07 | 1.32E-08 | 1.33E-08 | 1.35E-08 | 1.35E-08 |
| 167716.119382945390 | 167716.12 | 3909381.50 | FENCEGRD | 3.32E-08 | 3.53E-08 | 3.84E-08 | 4.16E-08 | 1.21E-08 | 3.12E-08 | 2.18E-09 | 2.21E-09 | 2.24E-09 | 2.28E-09 |
| 167675.217872155390 | 167675.22 | 3909399.88 | FENCEGRD | 7.51E-08 | 8.14E-08 | 9.00E-08 | 9.81E-08 | 1.33E-08 | 3.64E-08 | 2.34E-09 | 2.42E-09 | 2.50E-09 | 2.59E-09 |
| 167634.316361365390 | 167634.32 | 3909418.25 | FENCEGRD | 1.43E-07 | 1.49E-07 | 1.55E-07 | 1.60E-07 | 1.11E-08 | 4.06E-08 | 2.85E-09 | 2.93E-09 | 3.02E-09 | 3.10E-09 |
| 167593.414850576390 | 167593.41 | 3909436.62 | FENCEGRD | 1.51E-07 | 1.55E-07 | 1.60E-07 | 1.64E-07 | 1.01E-08 | 4.42E-08 | 3.20E-09 | 3.24E-09 | 3.28E-09 | 3.33E-09 |
| 167552.513339786390 | 167552.51 | 3909454.99 | FENCEGRD | 1.64E-07 | 1.71E-07 | 1.80E-07 | 1.89E-07 | 1.25E-08 | 4.81E-08 | 3.40E-09 | 3.47E-09 | 3.56E-09 | 3.66E-09 |
| 167387.213968908390 | 167387.21 | 3909314.50 | FENCEGRD | 5.49E-07 | 5.56E-07 | 5.59E-07 | 5.61E-07 | 2.59E-08 | 1.43E-07 | 1.32E-08 | 1.32E-08 | 1.32E-08 | 1.32E-08 |
| 167373.391984454390 | 167373.39 | 3909296.85 | FENCEGRD | 5.89E-07 | 5.88E-07 | 5.83E-07 | 5.77E-07 | 1.97E-08 | 1.53E-07 | 1.31E-08 | 1.30E-08 | 1.29E-08 | 1.27E-08 |
| 167748.018638343909 | 167748.02 | 3909350.56 | FENCEGRD | 3.82E-08 | 3.94E-08 | 4.15E-08 | 4.37E-08 | 1.35E-08 | 3.26E-08 | 2.60E-09 | 2.64E-09 | 2.67E-09 | 2.70E-09 |
| 167759.467138343909 | 167759.47 | 3909328.79 | FENCEGRD | 4.34E-08 | 4.46E-08 | 4.62E-08 | 4.81E-08 | 1.54E-08 | 3.40E-08 | 2.85E-09 | 2.89E-09 | 2.94E-09 | 2.98E-09 |
| 167770.915638343909 | 167770.92 | 3909307.03 | FENCEGRD | 5.31E-08 | 5.51E-08 | 5.77E-08 | 6.05E-08 | 1.77E-08 | 3.59E-08 | 3.07E-09 | 3.13E-09 | 3.19E-09 | 3.25E-09 |
| 167782.364138343909 | 167782.36 | 3909285.27 | FENCEGRD | 7.95E-08 | 8.38E-08 | 8.96E-08 | 9.53E-08 | 2.05E-08 | 3.86E-08 | 3.31E-09 | 3.38E-09 | 3.44E-09 | 3.50E-09 |
| 167793.812638343909 | 167793.81 | 3909263.51 | FENCEGRD | 1.11E-07 | 1.17E-07 | 1.25E-07 | 1.33E-07 | 2.32E-08 | 4.04E-08 | 3.49E-09 | 3.55E-09 | 3.61E-09 | 3.68E-09 |
| 167805.261138343909 | 167805.26 | 3909241.75 | FENCEGRD | 1.38E-07 | 1.45E-07 | 1.54E-07 | 1.63E-07 | 2.57E-08 | 4.17E-08 | 3.65E-09 | 3.71E-09 | 3.78E-09 | 3.85E-09 |
| 167816.709638343909 | 167816.71 | 3909219.99 | FENCEGRD | 1.50E-07 | 1.58E-07 | 1.68E-07 | 1.76E-07 | 2.86E-08 | 4.38E-08 | 3.95E-09 | 4.03E-09 | 4.11E-09 | 4.19E-09 |
| 167828.158138343909 | 167828.16 | 3909198.23 | FENCEGRD | 1.58E-07 | 1.66E-07 | 1.76E-07 | 1.86E-07 | 3.13E-08 | 4.66E-08 | 4.44E-09 | 4.54E-09 | 4.64E-09 | 4.75E-09 |
| 167839.606638343909 | 167839.61 | 3909176.46 | FENCEGRD | 1.71E-07 | 1.81E-07 | 1.92E-07 | 2.02E-07 | 3.36E-08 | 5.00E-08 | 5.07E-09 | 5.20E-09 | 5.33E-09 | 5.47E-09 |
| 167851.055138343909 | 167851.06 | 3909154.70 | FENCEGRD | 1.88E-07 | 1.99E-07 | 2.12E-07 | 2.25E-07 | 3.52E-08 | 5.35E-08 | 5.77E-09 | 5.93E-09 | 6.10E-09 | 6.28E-09 |
| 167862.503638343909 | 167862.50 | 3909132.94 | FENCEGRD | 2.18E-07 | 2.33E-07 | 2.51E-07 | 2.69E-07 | 3.63E-08 | 5.73E-08 | 6.52E-09 | 6.71E-09 | 6.91E-09 | 7.12E-09 |
| 167873.952138343909 | 167873.95 | 3909111.18 | FENCEGRD | 2.61E-07 | 2.81E-07 | 3.04E-07 | 3.26E-07 | 3.70E-08 | 6.18E-08 | 7.31E-09 | 7.53E-09 | 7.76E-09 | 8.00E-09 |
| 167885.400638343909 | 167885.40 | 3909089.42 | FENCEGRD | 3.11E-07 | 3.34E-07 | 3.61E-07 | 3.87E-07 | 3.74E-08 | 6.74E-08 | 8.17E-09 | 8.42E-09 | 8.68E-09 | 8.95E-09 |
| 167896.849138343909 | 167896.85 | 3909067.66 | FENCEGRD | 3.56E-07 | 3.82E-07 | 4.14E-07 | 4.46E-07 | 3.74E-08 | 7.47E-08 | 9.09E-09 | 9.36E-09 | 9.66E-09 | 9.97E-09 |
| 167908.297638343909 | 167908.30 | 3909045.90 | FENCEGRD | 3.90E-07 | 4.21E-07 | 4.59E-07 | 4.97E-07 | 3.71E-08 | 8.31E-08 | 9.98E-09 | 1.03E-08 | 1.06E-08 | 1.09E-08 |
| 167919.746138343909 | 167919.75 | 3909024.13 | FENCEGRD | 4.16E-07 | 4.51E-07 | 4.94E-07 | 5.34E-07 | 3.64E-08 | 9.19E-08 | 1.08E-08 | 1.11E-08 | 1.14E-08 | 1.17E-08 |
| 167931.194638343909 | 167931.19 | 3909002.37 | FENCEGRD | 4.38E-07 | 4.74E-07 | 5.17E-07 | 5.57E-07 | 3.55E-08 | 1.00E-07 | 1.13E-08 | 1.16E-08 | 1.19E-08 | 1.22E-08 |
| 167942.643138343908 | 167942.64 | 3908980.61 | FENCEGRD | 4.65E-07 | 4.99E-07 | 5.39E-07 | 5.75E-07 | 3.44E-08 | 1.07E-07 | 1.16E-08 | 1.19E-08 | 1.21E-08 | 1.24E-08 |
| 167954.091638343908 | 167954.09 | 3908958.85 | FENCEGRD | 4.96E-07 | 5.27E-07 | 5.62E-07 | 5.92E-07 | 3.31E-08 | 1.14E-07 | 1.17E-08 | 1.19E-08 | 1.21E-08 | 1.23E-08 |
| 167965.540138343908 | 167965.54 | 3908937.09 | FENCEGRD | 5.24E-07 | 5.50E-07 | 5.80E-07 | 6.05E-07 | 3.19E-08 | 1.19E-07 | 1.16E-08 | 1.17E-08 | 1.19E-08 | 1.21E-08 |
| 167759.189566257390 | 167759.19 | 3909405.31 | FENCEGRD | 1.65E-08 | 1.64E-08 | 1.65E-08 | 1.65E-08 | 5.41E-09 | 1.63E-08 | 1.11E-09 | 1.12E-09 | 1.13E-09 | 1.15E-09 |
| 167737.558959589390 | 167737.56 | 3909415.03 | FENCEGRD | 1.73E-08 | 1.76E-08 | 1.81E-08 | 1.86E-08 | 6.72E-09 | 1.97E-08 | 1.28E-09 | 1.30E-09 | 1.31E-09 | 1.33E-09 |
| 167715.928352922390 | 167715.93 | 3909424.75 | FENCEGRD | 2.57E-08 | 2.71E-08 | 2.92E-08 | 3.12E-08 | 8.89E-09 | 2.52E-08 | 1.58E-09 | 1.61E-09 | 1.64E-09 | 1.68E-09 |
| 167694.297746254390 | 167694.30 | 3909434.46 | FENCEGRD | 5.35E-08 | 5.75E-08 | 6.29E-08 | 6.81E-08 | 1.04E-08 | 3.07E-08 | 1.90E-09 | 1.95E-09 | 2.01E-09 | 2.07E-09 |
| 167672.667139586390 | 167672.67 | 3909444.18 | FENCEGRD | 9.00E-08 | 9.63E-08 | 1.04E-07 | 1.11E-07 | 1.01E-08 | 3.37E-08 | 2.13E-09 | 2.20E-09 | 2.27E-09 | 2.35E-09 |
| 167651.036532919390 | 167651.04 | 3909453.89 | FENCEGRD | 1.16E-07 | 1.23E-07 | 1.29E-07 | 1.35E-07 | 9.07E-09 | 3.57E-08 | 2.38E-09 | 2.45E-09 | 2.53E-09 | 2.60E-09 |
| 167629.405926251390 | 167629.41 | 3909463.61 | FENCEGRD | 1.30E-07 | 1.34E-07 | 1.38E-07 | 1.41E-07 | 8.35E-09 | 3.74E-08 | 2.64E-09 | 2.69E-09 | 2.75E-09 | 2.81E-09 |
| 167607.775319583390 | 167607.78 | 3909473.33 | FENCEGRD | 1.34E-07 | 1.36E-07 | 1.39E-07 | 1.42E-07 | 8.28E-09 | 3.92E-08 | 2.84E-09 | 2.87E-09 | 2.91E-09 | 2.95E-09 |
| 167586.144712916390 | 167586.14 | 3909483.04 | FENCEGRD | 1.35E-07 | 1.38E-07 | 1.43E-07 | 1.47E-07 | 8.99E-09 | 4.07E-08 | 2.92E-09 | 2.95E-09 | 2.98E-09 | 3.01E-09 |
| 167564.514106248390 | 167564.51 | 3909492.76 | FENCEGRD | 1.40E-07 | 1.44E-07 | 1.50E-07 | 1.56E-07 | 1.04E-08 | 4.22E-08 | 2.96E-09 | 3.00E-09 | 3.05E-09 | 3.11E-09 |
| 167542.883499583909 | 167542.88 | 3909502.47 | FENCEGRD | 1.49E-07 | 1.56E-07 | 1.63E-07 | 1.71E-07 | 1.16E-08 | 4.45E-08 | 3.11E-09 | 3.18E-09 | 3.25E-09 | 3.33E-09 |
| 167521.252892913390 | 167521.25 | 3909512.19 | FENCEGRD | 1.65E-07 | 1.73E-07 | 1.82E-07 | 1.91E-07 | 1.28E-08 | 4.83E-08 | 3.44E-09 | 3.53E-09 | 3.62E-09 | 3.71E-09 |
| 167411.905846443909 | 167411.91 | 3909409.89 | FENCEGRD | 3.69E-07 | 3.74E-07 | 3.79E-07 | 3.84E-07 | 4.48E-08 | 9.91E-08 | 8.19E-09 | 8.29E-09 | 8.41E-09 | 8.53E-09 |
| 167397.286439805390 | 167397.29 | 3909391.22 | FENCEGRD | 3.97E-07 | 4.04E-07 | 4.11E-07 | 4.18E-07 | 4.48E-08 | 1.07E-07 | 9.21E-09 | 9.34E-09 | 9.50E-09 | 9.66E-09 |
| 167382.667033171390 | 167382.67 | 3909372.55 | FENCEGRD | 4.36E-07 | 4.45E-07 | 4.53E-07 | 4.60E-07 | 4.08E-08 | 1.17E-07 | 1.05E-08 | 1.07E-08 | 1.08E-08 | 1.10E-08 |
| 167368.047626537390 | 167368.05 | 3909353.88 | FENCEGRD | 4.82E-07 | 4.90E-07 | 4.97E-07 | 5.02E-07 | 3.46E-08 | 1.27E-07 | 1.17E-08 | 1.18E-08 | 1.19E-08 | 1.20E-08 |
| 167353.428219903390 | 167353.43 | 3909335.21 | FENCEGRD | 5.28E-07 | 5.33E-07 | 5.34E-07 | 5.33E-07 | 2.80E-08 | 1.38E-07 | 1.23E-08 | 1.23E-08 | 1.23E-08 | 1.23E-08 |
| 167338.808813268390 | 167338.81 | 3909316.54 | FENCEGRD | 5.59E-07 | 5.56E-07 | 5.50E-07 | 5.43E-07 | 2.21E-08 | 1.46E-07 | 1.22E-08 | 1.21E-08 | 1.20E-08 | 1.19E-08 |
| 167324.189406634390 | 167324.19 | 3909297.87 | FENCEGRD | 5.59E-07 | 5.51E-07 | 5.38E-07 | 5.27E-07 | 1.70E-08 | 1.50E-07 | 1.14E-08 | 1.12E-08 | 1.11E-08 | 1.09E-08 |
| 167780.820172925390 | 167780.82 | 3909395.60 | FENCEGRD | 1.75E-08 | 1.73E-08 | 1.70E-08 | 1.69E-08 | 4.67E-09 | 1.42E-08 | 1.01E-09 | 1.02E-09 | 1.03E-09 | 1.04E-09 |
| 167792.268672925390 | 167792.27 | 3909373.84 | FENCEGRD | 1.94E-08 | 1.91E-08 | 1.87E-08 | 1.85E-08 | 5.28E-09 | 1.50E-08 | 1.12E-09 | 1.14E-09 | 1.16E-09 | 1.18E-09 |
| 167803.717172925390 | 167803.72 | 3909352.07 | FENCEGRD | 2.10E-08 | 2.08E-08 | 2.06E-08 | 2.04E-08 | 6.23E-09 | 1.63E-08 | 1.27E-09 | 1.30E-09 | 1.32E-09 | 1.35E-09 |
| 167815.165672925390 | 167815.17 | 3909330.31 | FENCEGRD | 2.17E-08 | 2.18E-08 | 2.18E-08 | 2.19E-08 | 8.35E-09 | 1.97E-08 | 1.61E-09 | 1.64E-09 | 1.68E-09 | 1.71E-09 |
| 167826.614172925390 | 167826.61 | 3909308.55 | FENCEGRD | 2.68E-08 | 2.73E-08 | 2.80E-08 | 2.88E-08 | 1.19E-08 | 2.55E-08 | 2.16E-09 | 2.20E-09 | 2.25E-09 | 2.29E-09 |
| 167838.062672925390 | 167838.06 | 3909286.79 | FENCEGRD | 4.21E-08 | 4.36E-08 | 4.59E-08 | 4.81 | | | | | | |

0<2 Dose

| | | | | 0<2 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167656.351475502390 | 167656.35 | 3909494.66 | FENCEGRD | 1.02E-07 | 1.08E-07 | 1.13E-07 | 1.18E-07 | 7.47E-09 | 3.26E-08 | 2.16E-09 | 2.21E-09 | 2.28E-09 | 2.34E-09 |
| 167635.261634001390 | 167635.26 | 3909504.14 | FENCEGRD | 1.13E-07 | 1.17E-07 | 1.20E-07 | 1.23E-07 | 7.18E-09 | 3.42E-08 | 2.40E-09 | 2.45E-09 | 2.51E-09 | 2.55E-09 |
| 167614.171792539095 | 167614.17 | 3909513.61 | FENCEGRD | 1.18E-07 | 1.20E-07 | 1.23E-07 | 1.25E-07 | 7.35E-09 | 3.56E-08 | 2.59E-09 | 2.62E-09 | 2.66E-09 | 2.69E-09 |
| 167593.081950999390 | 167593.08 | 3909523.08 | FENCEGRD | 1.19E-07 | 1.21E-07 | 1.24E-07 | 1.27E-07 | 8.11E-09 | 3.67E-08 | 2.67E-09 | 2.69E-09 | 2.71E-09 | 2.73E-09 |
| 167571.992109498390 | 167571.99 | 3909532.55 | FENCEGRD | 1.22E-07 | 1.25E-07 | 1.30E-07 | 1.34E-07 | 9.16E-09 | 3.79E-08 | 2.68E-09 | 2.70E-09 | 2.73E-09 | 2.77E-09 |
| 167550.902267997390 | 167550.90 | 3909542.03 | FENCEGRD | 1.29E-07 | 1.33E-07 | 1.39E-07 | 1.45E-07 | 1.01E-08 | 3.96E-08 | 2.75E-09 | 2.79E-09 | 2.84E-09 | 2.89E-09 |
| 167529.812426496390 | 167529.81 | 3909551.50 | FENCEGRD | 1.40E-07 | 1.46E-07 | 1.53E-07 | 1.60E-07 | 1.09E-08 | 4.24E-08 | 2.95E-09 | 3.01E-09 | 3.08E-09 | 3.15E-09 |
| 167508.722584995390 | 167508.72 | 3909560.97 | FENCEGRD | 1.56E-07 | 1.63E-07 | 1.72E-07 | 1.80E-07 | 1.23E-08 | 4.63E-08 | 3.30E-09 | 3.38E-09 | 3.47E-09 | 3.55E-09 |
| 167416.363136152390 | 167416.36 | 3909479.43 | FENCEGRD | 2.99E-07 | 3.04E-07 | 3.08E-07 | 3.11E-07 | 2.89E-08 | 8.12E-08 | 6.47E-09 | 6.55E-09 | 6.63E-09 | 6.70E-09 |
| 167402.109214684390 | 167402.11 | 3909461.23 | FENCEGRD | 3.18E-07 | 3.23E-07 | 3.26E-07 | 3.29E-07 | 3.38E-08 | 8.77E-08 | 6.97E-09 | 7.04E-09 | 7.12E-09 | 7.20E-09 |
| 167387.855293216390 | 167387.86 | 3909443.03 | FENCEGRD | 3.40E-07 | 3.44E-07 | 3.48E-07 | 3.52E-07 | 3.88E-08 | 9.35E-08 | 7.57E-09 | 7.65E-09 | 7.75E-09 | 7.84E-09 |
| 167373.601371747390 | 167373.60 | 3909424.82 | FENCEGRD | 3.66E-07 | 3.71E-07 | 3.76E-07 | 3.81E-07 | 4.17E-08 | 1.00E-07 | 8.39E-09 | 8.50E-09 | 8.62E-09 | 8.74E-09 |
| 167359.347450279390 | 167359.35 | 3909406.62 | FENCEGRD | 3.92E-07 | 3.99E-07 | 4.06E-07 | 4.12E-07 | 4.09E-08 | 1.07E-07 | 9.31E-09 | 9.44E-09 | 9.58E-09 | 9.71E-09 |
| 167345.093528813909 | 167345.09 | 3909388.42 | FENCEGRD | 4.24E-07 | 4.32E-07 | 4.39E-07 | 4.45E-07 | 3.75E-08 | 1.15E-07 | 1.03E-08 | 1.04E-08 | 1.05E-08 | 1.06E-08 |
| 167330.839607342390 | 167330.84 | 3909370.21 | FENCEGRD | 4.60E-07 | 4.66E-07 | 4.70E-07 | 4.73E-07 | 3.27E-08 | 1.23E-07 | 1.10E-08 | 1.10E-08 | 1.11E-08 | 1.11E-08 |
| 167316.585685874390 | 167316.59 | 3909352.01 | FENCEGRD | 4.88E-07 | 4.90E-07 | 4.90E-07 | 4.89E-07 | 2.75E-08 | 1.30E-07 | 1.12E-08 | 1.12E-08 | 1.12E-08 | 1.12E-08 |
| 167302.331764405390 | 167302.33 | 3909333.81 | FENCEGRD | 5.06E-07 | 5.04E-07 | 4.98E-07 | 4.92E-07 | 2.26E-08 | 1.36E-07 | 1.11E-08 | 1.10E-08 | 1.09E-08 | 1.08E-08 |
| 167288.077842937390 | 167288.08 | 3909315.61 | FENCEGRD | 5.07E-07 | 4.99E-07 | 4.89E-07 | 4.80E-07 | 1.83E-08 | 1.40E-07 | 1.04E-08 | 1.03E-08 | 1.02E-08 | 1.00E-08 |
| 167273.823921468390 | 167273.82 | 3909297.40 | FENCEGRD | 4.90E-07 | 4.79E-07 | 4.66E-07 | 4.54E-07 | 1.47E-08 | 1.41E-07 | 9.57E-09 | 9.41E-09 | 9.25E-09 | 9.10E-09 |
| 167825.070207513909 | 167825.07 | 3909418.88 | FENCEGRD | 1.90E-08 | 1.88E-08 | 1.85E-08 | 1.83E-08 | 1.89E-09 | 6.82E-09 | 4.76E-10 | 4.78E-10 | 4.80E-10 | 4.82E-10 |
| 167836.518707513909 | 167836.52 | 3909397.12 | FENCEGRD | 2.05E-08 | 2.04E-08 | 2.02E-08 | 2.01E-08 | 2.02E-09 | 6.94E-09 | 4.97E-10 | 5.01E-10 | 5.05E-10 | 5.09E-10 |
| 167847.967207513909 | 167847.97 | 3909375.35 | FENCEGRD | 2.08E-08 | 2.08E-08 | 2.09E-08 | 2.09E-08 | 2.27E-09 | 7.34E-09 | 5.38E-10 | 5.44E-10 | 5.49E-10 | 5.54E-10 |
| 167859.415707509390 | 167859.42 | 3909353.59 | FENCEGRD | 2.01E-08 | 2.02E-08 | 2.03E-08 | 2.03E-08 | 3.06E-09 | 8.80E-09 | 6.71E-10 | 6.80E-10 | 6.87E-10 | 6.96E-10 |
| 167870.864207509390 | 167870.86 | 3909331.83 | FENCEGRD | 1.96E-08 | 1.97E-08 | 1.98E-08 | 1.98E-08 | 5.17E-09 | 1.29E-08 | 1.04E-09 | 1.06E-09 | 1.08E-09 | 1.10E-09 |
| 167882.312707509390 | 167882.31 | 3909310.07 | FENCEGRD | 2.13E-08 | 2.14E-08 | 2.16E-08 | 2.18E-08 | 8.03E-09 | 1.83E-08 | 1.54E-09 | 1.57E-09 | 1.60E-09 | 1.63E-09 |
| 167893.761207509390 | 167893.76 | 3909288.31 | FENCEGRD | 2.57E-08 | 2.61E-08 | 2.65E-08 | 2.70E-08 | 1.00E-08 | 2.14E-08 | 1.83E-09 | 1.87E-09 | 1.90E-09 | 1.94E-09 |
| 167905.209707509390 | 167905.21 | 3909266.55 | FENCEGRD | 2.68E-08 | 2.71E-08 | 2.76E-08 | 2.81E-08 | 1.10E-08 | 2.18E-08 | 1.87E-09 | 1.91E-09 | 1.94E-09 | 1.98E-09 |
| 167916.658207509390 | 167916.66 | 3909244.78 | FENCEGRD | 2.71E-08 | 2.75E-08 | 2.79E-08 | 2.84E-08 | 1.20E-08 | 2.25E-08 | 1.95E-09 | 1.99E-09 | 2.03E-09 | 2.07E-09 |
| 167928.106707509390 | 167928.11 | 3909223.02 | FENCEGRD | 3.18E-08 | 3.25E-08 | 3.34E-08 | 3.43E-08 | 1.42E-08 | 2.57E-08 | 2.28E-09 | 2.33E-09 | 2.37E-09 | 2.43E-09 |
| 167939.555207509390 | 167939.56 | 3909201.26 | FENCEGRD | 4.19E-08 | 4.32E-08 | 4.50E-08 | 4.69E-08 | 1.67E-08 | 3.03E-08 | 2.74E-09 | 2.81E-09 | 2.86E-09 | 2.93E-09 |
| 167951.003707513909 | 167951.00 | 3909179.50 | FENCEGRD | 5.50E-08 | 5.73E-08 | 6.04E-08 | 6.36E-08 | 1.90E-08 | 3.48E-08 | 3.25E-09 | 3.33E-09 | 3.41E-09 | 3.49E-09 |
| 167962.452207513909 | 167962.45 | 3909157.74 | FENCEGRD | 7.15E-08 | 7.54E-08 | 8.05E-08 | 8.57E-08 | 2.10E-08 | 3.91E-08 | 3.78E-09 | 3.87E-09 | 3.97E-09 | 4.07E-09 |
| 167973.900707513909 | 167973.90 | 3909135.98 | FENCEGRD | 9.31E-08 | 9.87E-08 | 1.06E-07 | 1.13E-07 | 2.26E-08 | 4.31E-08 | 4.29E-09 | 4.40E-09 | 4.51E-09 | 4.62E-09 |
| 167985.349207513909 | 167985.35 | 3909114.22 | FENCEGRD | 1.16E-07 | 1.23E-07 | 1.33E-07 | 1.42E-07 | 2.40E-08 | 4.69E-08 | 4.76E-09 | 4.88E-09 | 5.00E-09 | 5.12E-09 |
| 167996.797707513909 | 167996.80 | 3909092.45 | FENCEGRD | 1.46E-07 | 1.56E-07 | 1.68E-07 | 1.80E-07 | 2.51E-08 | 5.08E-08 | 5.21E-09 | 5.34E-09 | 5.47E-09 | 5.60E-09 |
| 168008.246207513909 | 168008.25 | 3909070.69 | FENCEGRD | 1.81E-07 | 1.93E-07 | 2.06E-07 | 2.19E-07 | 2.60E-08 | 5.45E-08 | 5.65E-09 | 5.78E-09 | 5.91E-09 | 6.05E-09 |
| 168019.694707513909 | 168019.69 | 3909048.93 | FENCEGRD | 2.12E-07 | 2.25E-07 | 2.39E-07 | 2.53E-07 | 2.67E-08 | 5.83E-08 | 6.07E-09 | 6.21E-09 | 6.36E-09 | 6.51E-09 |
| 168031.143207513909 | 168031.14 | 3909027.17 | FENCEGRD | 2.39E-07 | 2.52E-07 | 2.68E-07 | 2.84E-07 | 2.71E-08 | 6.22E-08 | 6.51E-09 | 6.66E-09 | 6.82E-09 | 6.99E-09 |
| 168042.591707513909 | 168042.59 | 3909005.41 | FENCEGRD | 2.65E-07 | 2.80E-07 | 2.99E-07 | 3.16E-07 | 2.74E-08 | 6.63E-08 | 6.95E-09 | 7.11E-09 | 7.29E-09 | 7.46E-09 |
| 168054.040207513908 | 168054.04 | 3908983.65 | FENCEGRD | 2.94E-07 | 3.11E-07 | 3.31E-07 | 3.50E-07 | 2.77E-08 | 7.07E-08 | 7.39E-09 | 7.56E-09 | 7.73E-09 | 7.91E-09 |
| 167892.145675789390 | 167892.15 | 3909475.06 | FENCEGRD | 1.93E-08 | 1.92E-08 | 1.91E-08 | 1.91E-08 | 1.47E-09 | 5.37E-09 | 3.98E-10 | 4.00E-10 | 4.02E-10 | 4.03E-10 |
| 167870.721074939094 | 167870.72 | 3909484.68 | FENCEGRD | 1.81E-08 | 1.79E-08 | 1.77E-08 | 1.76E-08 | 1.46E-09 | 5.48E-09 | 3.97E-10 | 3.98E-10 | 3.98E-10 | 3.99E-10 |
| 167849.296474013909 | 167849.30 | 3909494.31 | FENCEGRD | 1.66E-08 | 1.64E-08 | 1.62E-08 | 1.61E-08 | 1.47E-09 | 5.65E-09 | 3.88E-10 | 3.88E-10 | 3.88E-10 | 3.88E-10 |
| 167827.871873123909 | 167827.87 | 3909503.93 | FENCEGRD | 1.53E-08 | 1.53E-08 | 1.52E-08 | 1.51E-08 | 1.52E-09 | 6.00E-09 | 3.80E-10 | 3.80E-10 | 3.80E-10 | 3.80E-10 |
| 167806.447272233909 | 167806.45 | 3909513.55 | FENCEGRD | 1.47E-08 | 1.47E-08 | 1.47E-08 | 1.48E-08 | 1.72E-09 | 6.92E-09 | 3.96E-10 | 3.98E-10 | 3.98E-10 | 3.99E-10 |
| 167785.022671343909 | 167785.02 | 3909523.18 | FENCEGRD | 1.46E-08 | 1.47E-08 | 1.49E-08 | 1.51E-08 | 2.39E-09 | 9.29E-09 | 5.04E-10 | 5.09E-10 | 5.13E-10 | 5.18E-10 |
| 167763.598070453909 | 167763.60 | 3909532.80 | FENCEGRD | 1.59E-08 | 1.63E-08 | 1.69E-08 | 1.74E-08 | 3.65E-09 | 1.33E-08 | 7.26E-10 | 7.39E-10 | 7.50E-10 | 7.63E-10 |
| 167742.173469563909 | 167742.17 | 3909542.42 | FENCEGRD | 2.26E-08 | 2.37E-08 | 2.51E-08 | 2.64E-08 | 4.98E-09 | 1.79E-08 | 1.00E-09 | 1.02E-09 | 1.05E-09 | 1.07E-09 |
| 167720.748868671390 | 167720.75 | 3909552.05 | FENCEGRD | 3.48E-08 | 3.68E-08 | 3.93E-08 | 4.18E-08 | 5.69E-09 | 2.16E-08 | 1.25E-09 | 1.28E-09 | 1.32E-09 | 1.35E-09 |
| 167699.324267781390 | 167699.32 | 3909561.67 | FENCEGRD | 4.78E-08 | 5.06E-08 | 5.43E-08 | 5.76E-08 | 5.78E-09 | 2.41E-08 | 1.47E-09 | 1.51E-09 | 1.55E-09 | 1.59E-09 |
| 167677.899666891390 | 167677.90 | 3909571.29 | FENCEGRD | 5.95E-08 | 6.29E-08 | 6.71E-08 | 7.08E-08 | 5.67E-09 | 2.60E-08 | 1.69E-09 | 1.73E-09 | 1.78E-09 | 1.82E-09 |
| 167656.475066001390 | 167656.48 | 3909580.92 | FENCEGRD | 7.09E-08 | 7.43E-08 | 7.82E-08 | 8.13E-08 | 5.71E-09 | 2.77E-08 | 1.91E-09 | 1.96E-09 | 2.01E-09 | 2.05E-09 |
| 167635.050465111390 | 167635.05 | 3909590.54 | FENCEGRD | 8.44E-08 | 8.71E-08 | 8.98E-08 | 9.19E-08 | 6.04E-09 | 2.92E-08 | 2.12E-09 | 2.15E-09 | 2.19E-09 | 2.22E-09 |
| 167613.625864221390 | 167613.63 | 3909600.17 | FENCEGRD | 9.22E-08 | 9.39E-08 | 9.56E-08 | 9.72E-08 | 6.58E-09 | 3.03E-08 | 2.23E-09 | 2.26E-09 | 2.28E-09 | 2.30E-09 |
| 167592.201263331390 | 167592.20 | 3909609.79 | FENCEGRD | 9.66E-08 | 9.81E-08 | 1.00E-07 | 1.02E-07 | 7.28E-09 | 3.13E-08 | 2.26E-09 | 2.28E-09 | 2.29E-09 | 2.30E-09 |
| 167570.776662442390 | 167570.78 | 3909619.41 | FENCEGRD | 1.02E-07 | 1.04E-07 | 1.07E-07 | 1.10E-07 | 8.01E-09 | 3.26E-08 | 2.29E-09 | 2.31E-09 | 2.33E-09 | 2.35E-09 |
| 167549.352061552390 | 167549.35 | 3909629.04 | FENCEGRD | 1.10E-07 | 1.13E-07 | 1.17E-07 | 1.21E-07 | 8.79E-09 | 3.47E-08 | 2.39E-09 | 2.43E-09 | 2.46E-09 | 2.49E-09 |
| 167527.927460662390 | 167527.93 | 3909638.66 | FENCEGRD | 1.21E-07 | 1.25E-07 | 1.30E-07 | 1.36E-07 | 9.70E-09 | 3.76E-08 | 2.61E-09 | 2.65E-09 | 2.70E-09 | 2.75E-09 |
| 167518.002116919390 | 167518.00 | 3909600.16 | FENCEGRD | 1.36E-07 | 1.41E-07 | 1.48E-07 | 1.54E-07 | 1.07E-08 | 4.13E-08 | 2.89E-09 | 2.95E-09 | 3.02E-09 | 3.08E-09 |
| 167385.289837416390 | 167385.29 | 3909619.12 | FENCEGRD | 1.89E-07 | 1.92E-07 | 1.95E-07 | 1.98E-07 | 1.63E-08 | 5.84E-08 | 4.29E-09 | 4.33E-09 | 4.38E-09 | 4.43E-09 |
| 167391.252787042390 | 167391.25 | 3909575.07 | FENCEGRD | 2.22E-07 | 2.26E-07 | 2.29E-07 | 2.32E-07 | 1.95E-08 | 6.60E-08 | 4.98E-09 | 5.03E-09 | 5.09E-09 | 5.14E-09 |
| 167376.772612852390 | 167376.77 | 3909556.58 | FENCEGRD | 2.42E-07 | 2.45E-07 | 2.48E-07 | 2.51 | | | | | | |

0<2 Dose

| | | | | 0<2 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.158276679390 | 168005.16 | 3909291.34 | FENCEGRD | 2.17E-08 | 2.19E-08 | 2.21E-08 | 2.22E-08 | 4.52E-09 | 1.11E-08 | 8.76E-10 | 8.89E-10 | 9.01E-10 | 9.14E-10 |
| 168016.606776679390 | 168016.61 | 3909269.58 | FENCEGRD | 2.35E-08 | 2.38E-08 | 2.41E-08 | 2.45E-08 | 6.50E-09 | 1.52E-08 | 1.21E-09 | 1.23E-09 | 1.25E-09 | 1.27E-09 |
| 168028.055276679390 | 168028.06 | 3909247.82 | FENCEGRD | 2.89E-08 | 2.95E-08 | 3.03E-08 | 3.10E-08 | 8.47E-09 | 1.94E-08 | 1.55E-09 | 1.58E-09 | 1.61E-09 | 1.63E-09 |
| 168039.503776679390 | 168039.50 | 3909226.06 | FENCEGRD | 3.62E-08 | 3.72E-08 | 3.84E-08 | 3.97E-08 | 1.01E-08 | 2.29E-08 | 1.85E-09 | 1.88E-09 | 1.91E-09 | 1.94E-09 |
| 168050.952276679390 | 168050.95 | 3909204.30 | FENCEGRD | 4.43E-08 | 4.57E-08 | 4.76E-08 | 4.95E-08 | 1.15E-08 | 2.60E-08 | 2.14E-09 | 2.18E-09 | 2.22E-09 | 2.26E-09 |
| 168062.400776679390 | 168062.40 | 3909182.54 | FENCEGRD | 5.46E-08 | 5.68E-08 | 5.96E-08 | 6.24E-08 | 1.28E-08 | 2.91E-08 | 2.46E-09 | 2.51E-09 | 2.56E-09 | 2.60E-09 |
| 168073.849276679390 | 168073.85 | 3909160.77 | FENCEGRD | 6.76E-08 | 7.07E-08 | 7.47E-08 | 7.84E-08 | 1.39E-08 | 3.18E-08 | 2.79E-09 | 2.84E-09 | 2.90E-09 | 2.96E-09 |
| 168085.297776679390 | 168085.30 | 3909139.01 | FENCEGRD | 8.33E-08 | 8.73E-08 | 9.22E-08 | 9.69E-08 | 1.50E-08 | 3.43E-08 | 3.11E-09 | 3.17E-09 | 3.23E-09 | 3.30E-09 |
| 168096.746276679390 | 168096.75 | 3909117.25 | FENCEGRD | 1.00E-07 | 1.05E-07 | 1.11E-07 | 1.17E-07 | 1.60E-08 | 3.67E-08 | 3.41E-09 | 3.48E-09 | 3.54E-09 | 3.61E-09 |
| 168108.194776679390 | 168108.19 | 3909095.49 | FENCEGRD | 1.19E-07 | 1.25E-07 | 1.32E-07 | 1.39E-07 | 1.70E-08 | 3.91E-08 | 3.69E-09 | 3.76E-09 | 3.83E-09 | 3.90E-09 |
| 168119.643276679390 | 168119.64 | 3909073.73 | FENCEGRD | 1.37E-07 | 1.44E-07 | 1.52E-07 | 1.59E-07 | 1.80E-08 | 4.15E-08 | 3.95E-09 | 4.03E-09 | 4.10E-09 | 4.17E-09 |
| 168131.091776679390 | 168131.09 | 3909051.97 | FENCEGRD | 1.55E-07 | 1.62E-07 | 1.70E-07 | 1.78E-07 | 1.89E-08 | 4.40E-08 | 4.22E-09 | 4.29E-09 | 4.36E-09 | 4.44E-09 |
| 168142.540276679390 | 168142.54 | 3909030.21 | FENCEGRD | 1.70E-07 | 1.78E-07 | 1.86E-07 | 1.94E-07 | 1.98E-08 | 4.67E-08 | 4.49E-09 | 4.57E-09 | 4.65E-09 | 4.73E-09 |
| 167980.439739182390 | 167980.44 | 3909521.71 | FENCEGRD | 1.81E-08 | 1.83E-08 | 1.85E-08 | 1.86E-08 | 1.33E-09 | 4.92E-09 | 3.65E-10 | 3.67E-10 | 3.69E-10 | 3.71E-10 |
| 167958.809132514390 | 167958.81 | 3909531.43 | FENCEGRD | 1.83E-08 | 1.84E-08 | 1.84E-08 | 1.85E-08 | 1.31E-09 | 4.86E-09 | 3.65E-10 | 3.66E-10 | 3.68E-10 | 3.70E-10 |
| 167937.178525846390 | 167937.18 | 3909541.14 | FENCEGRD | 1.78E-08 | 1.78E-08 | 1.77E-08 | 1.77E-08 | 1.29E-09 | 4.85E-09 | 3.64E-10 | 3.66E-10 | 3.67E-10 | 3.68E-10 |
| 167915.547919179390 | 167915.55 | 3909550.86 | FENCEGRD | 1.67E-08 | 1.66E-08 | 1.65E-08 | 1.64E-08 | 1.29E-09 | 4.88E-09 | 3.60E-10 | 3.60E-10 | 3.61E-10 | 3.61E-10 |
| 167893.917312511390 | 167893.92 | 3909560.58 | FENCEGRD | 1.55E-08 | 1.54E-08 | 1.53E-08 | 1.52E-08 | 1.29E-09 | 4.99E-09 | 3.52E-10 | 3.52E-10 | 3.51E-10 | 3.51E-10 |
| 167872.286705843390 | 167872.29 | 3909570.29 | FENCEGRD | 1.44E-08 | 1.44E-08 | 1.43E-08 | 1.43E-08 | 1.34E-09 | 5.28E-09 | 3.46E-10 | 3.46E-10 | 3.46E-10 | 3.46E-10 |
| 167850.656099176390 | 167850.66 | 3909580.01 | FENCEGRD | 1.37E-08 | 1.38E-08 | 1.38E-08 | 1.38E-08 | 1.55E-09 | 6.17E-09 | 3.69E-10 | 3.71E-10 | 3.71E-10 | 3.72E-10 |
| 167829.025492508390 | 167829.03 | 3909589.72 | FENCEGRD | 1.35E-08 | 1.36E-08 | 1.37E-08 | 1.38E-08 | 2.09E-09 | 8.06E-09 | 4.58E-10 | 4.62E-10 | 4.64E-10 | 4.68E-10 |
| 167807.394885843909 | 167807.39 | 3909599.44 | FENCEGRD | 1.45E-08 | 1.48E-08 | 1.51E-08 | 1.55E-08 | 2.94E-09 | 1.09E-08 | 6.10E-10 | 6.18E-10 | 6.24E-10 | 6.32E-10 |
| 167785.764279173390 | 167785.76 | 3909609.16 | FENCEGRD | 1.93E-08 | 2.00E-08 | 2.10E-08 | 2.18E-08 | 3.89E-09 | 1.44E-08 | 8.03E-10 | 8.16E-10 | 8.28E-10 | 8.41E-10 |
| 167764.133672505390 | 167764.13 | 3909618.87 | FENCEGRD | 2.90E-08 | 3.03E-08 | 3.21E-08 | 3.37E-08 | 4.49E-09 | 1.77E-08 | 9.90E-10 | 1.01E-09 | 1.03E-09 | 1.05E-09 |
| 167742.503065837390 | 167742.50 | 3909628.59 | FENCEGRD | 4.05E-08 | 4.24E-08 | 4.48E-08 | 4.70E-08 | 4.58E-09 | 2.01E-08 | 1.14E-09 | 1.16E-09 | 1.19E-09 | 1.21E-09 |
| 167720.872459173909 | 167720.87 | 3909638.30 | FENCEGRD | 5.09E-08 | 5.33E-08 | 5.63E-08 | 5.90E-08 | 4.43E-09 | 2.17E-08 | 1.27E-09 | 1.30E-09 | 1.33E-09 | 1.36E-09 |
| 167699.241852502390 | 167699.24 | 3909648.02 | FENCEGRD | 6.03E-08 | 6.30E-08 | 6.63E-08 | 6.92E-08 | 4.35E-09 | 2.31E-08 | 1.41E-09 | 1.44E-09 | 1.47E-09 | 1.50E-09 |
| 167677.611245834390 | 167677.61 | 3909657.74 | FENCEGRD | 6.92E-08 | 7.19E-08 | 7.51E-08 | 7.78E-08 | 4.45E-09 | 2.43E-08 | 1.56E-09 | 1.59E-09 | 1.63E-09 | 1.66E-09 |
| 167655.980639167390 | 167655.98 | 3909667.45 | FENCEGRD | 7.71E-08 | 7.95E-08 | 8.21E-08 | 8.43E-08 | 4.76E-09 | 2.55E-08 | 1.71E-09 | 1.74E-09 | 1.77E-09 | 1.80E-09 |
| 167634.350032499390 | 167634.35 | 3909677.17 | FENCEGRD | 8.35E-08 | 8.54E-08 | 8.74E-08 | 8.91E-08 | 5.30E-09 | 2.67E-08 | 1.86E-09 | 1.88E-09 | 1.91E-09 | 1.93E-09 |
| 167612.719425831390 | 167612.72 | 3909686.88 | FENCEGRD | 8.74E-08 | 8.89E-08 | 9.07E-08 | 9.23E-08 | 6.00E-09 | 2.79E-08 | 1.97E-09 | 1.99E-09 | 2.01E-09 | 2.02E-09 |
| 167591.088819164390 | 167591.09 | 3909696.60 | FENCEGRD | 9.14E-08 | 9.31E-08 | 9.52E-08 | 9.73E-08 | 6.85E-09 | 2.92E-08 | 2.07E-09 | 2.08E-09 | 2.10E-09 | 2.12E-09 |
| 167569.458212496390 | 167569.46 | 3909706.32 | FENCEGRD | 9.75E-08 | 9.97E-08 | 1.03E-07 | 1.06E-07 | 7.83E-09 | 3.12E-08 | 2.19E-09 | 2.21E-09 | 2.23E-09 | 2.26E-09 |
| 167547.827605829390 | 167547.83 | 3909716.03 | FENCEGRD | 1.02E-07 | 1.05E-07 | 1.09E-07 | 1.12E-07 | 8.52E-09 | 3.28E-08 | 2.30E-09 | 2.33E-09 | 2.36E-09 | 2.39E-09 |
| 167482.935785826390 | 167482.94 | 3909745.18 | FENCEGRD | 1.11E-07 | 1.13E-07 | 1.14E-07 | 1.16E-07 | 8.19E-09 | 3.69E-08 | 2.46E-09 | 2.48E-09 | 2.51E-09 | 2.53E-09 |
| 167461.305179158390 | 167461.31 | 3909754.90 | FENCEGRD | 1.09E-07 | 1.11E-07 | 1.13E-07 | 1.14E-07 | 8.19E-09 | 3.66E-08 | 2.46E-09 | 2.48E-09 | 2.51E-09 | 2.53E-09 |
| 167425.055165856390 | 167425.06 | 3909745.94 | FENCEGRD | 1.17E-07 | 1.19E-07 | 1.21E-07 | 1.22E-07 | 9.22E-09 | 3.92E-08 | 2.69E-09 | 2.71E-09 | 2.74E-09 | 2.77E-09 |
| 167410.435759222390 | 167410.44 | 3909727.27 | FENCEGRD | 1.25E-07 | 1.27E-07 | 1.29E-07 | 1.31E-07 | 1.01E-08 | 4.16E-08 | 2.89E-09 | 2.92E-09 | 2.95E-09 | 2.98E-09 |
| 167395.816352588390 | 167395.82 | 3909708.60 | FENCEGRD | 1.34E-07 | 1.36E-07 | 1.38E-07 | 1.40E-07 | 1.11E-08 | 4.41E-08 | 3.10E-09 | 3.13E-09 | 3.17E-09 | 3.20E-09 |
| 167381.196945953390 | 167381.20 | 3909689.93 | FENCEGRD | 1.44E-07 | 1.46E-07 | 1.48E-07 | 1.50E-07 | 1.22E-08 | 4.66E-08 | 3.33E-09 | 3.36E-09 | 3.39E-09 | 3.43E-09 |
| 167366.577539319390 | 167366.58 | 3909671.26 | FENCEGRD | 1.57E-07 | 1.59E-07 | 1.61E-07 | 1.64E-07 | 1.36E-08 | 5.02E-08 | 3.63E-09 | 3.67E-09 | 3.71E-09 | 3.75E-09 |
| 167351.958132685390 | 167351.96 | 3909652.59 | FENCEGRD | 1.73E-07 | 1.76E-07 | 1.78E-07 | 1.80E-07 | 1.54E-08 | 5.49E-08 | 4.04E-09 | 4.07E-09 | 4.12E-09 | 4.16E-09 |
| 167337.338726051390 | 167337.34 | 3909633.92 | FENCEGRD | 1.92E-07 | 1.94E-07 | 1.96E-07 | 1.98E-07 | 1.75E-08 | 6.03E-08 | 4.50E-09 | 4.54E-09 | 4.58E-09 | 4.62E-09 |
| 167322.719319416390 | 167322.72 | 3909615.25 | FENCEGRD | 2.08E-07 | 2.11E-07 | 2.13E-07 | 2.14E-07 | 1.95E-08 | 6.51E-08 | 4.92E-09 | 4.95E-09 | 4.99E-09 | 5.03E-09 |
| 167308.099912782390 | 167308.10 | 3909596.58 | FENCEGRD | 2.23E-07 | 2.25E-07 | 2.27E-07 | 2.28E-07 | 2.15E-08 | 6.94E-08 | 5.29E-09 | 5.32E-09 | 5.36E-09 | 5.39E-09 |
| 167293.480506148390 | 167293.48 | 3909577.92 | FENCEGRD | 2.36E-07 | 2.38E-07 | 2.40E-07 | 2.41E-07 | 2.38E-08 | 7.31E-08 | 5.62E-09 | 5.66E-09 | 5.70E-09 | 5.74E-09 |
| 167278.861099514390 | 167278.86 | 3909559.25 | FENCEGRD | 2.50E-07 | 2.52E-07 | 2.55E-07 | 2.57E-07 | 2.66E-08 | 7.70E-08 | 6.01E-09 | 6.05E-09 | 6.11E-09 | 6.16E-09 |
| 167264.241692879390 | 167264.24 | 3909540.58 | FENCEGRD | 2.69E-07 | 2.72E-07 | 2.75E-07 | 2.78E-07 | 2.95E-08 | 8.21E-08 | 6.56E-09 | 6.62E-09 | 6.68E-09 | 6.74E-09 |
| 167249.622286245390 | 167249.62 | 3909521.91 | FENCEGRD | 2.90E-07 | 2.94E-07 | 2.97E-07 | 3.01E-07 | 3.16E-08 | 8.75E-08 | 7.18E-09 | 7.25E-09 | 7.32E-09 | 7.40E-09 |
| 167235.002879611390 | 167235.00 | 3909503.24 | FENCEGRD | 3.12E-07 | 3.16E-07 | 3.20E-07 | 3.23E-07 | 3.25E-08 | 9.31E-08 | 7.81E-09 | 7.87E-09 | 7.95E-09 | 8.02E-09 |
| 167220.383472977390 | 167220.38 | 3909484.57 | FENCEGRD | 3.35E-07 | 3.39E-07 | 3.42E-07 | 3.44E-07 | 3.21E-08 | 9.91E-08 | 8.39E-09 | 8.45E-09 | 8.51E-09 | 8.56E-09 |
| 167205.764066342390 | 167205.76 | 3909465.90 | FENCEGRD | 3.55E-07 | 3.57E-07 | 3.58E-07 | 3.59E-07 | 3.07E-08 | 1.05E-07 | 8.79E-09 | 8.82E-09 | 8.85E-09 | 8.87E-09 |
| 167191.144659708390 | 167191.14 | 3909447.23 | FENCEGRD | 3.69E-07 | 3.70E-07 | 3.69E-07 | 3.68E-07 | 2.85E-08 | 1.09E-07 | 8.98E-09 | 8.98E-09 | 8.98E-09 | 8.96E-09 |
| 167176.525253074390 | 167176.53 | 3909428.56 | FENCEGRD | 3.78E-07 | 3.76E-07 | 3.73E-07 | 3.70E-07 | 2.61E-08 | 1.14E-07 | 8.97E-09 | 8.93E-09 | 8.90E-09 | 8.86E-09 |
| 167161.905846443909 | 167161.91 | 3909409.89 | FENCEGRD | 3.80E-07 | 3.76E-07 | 3.71E-07 | 3.66E-07 | 2.35E-08 | 1.17E-07 | 8.76E-09 | 8.70E-09 | 8.65E-09 | 8.58E-09 |
| 167147.286439805390 | 167147.29 | 3909391.22 | FENCEGRD | 3.75E-07 | 3.70E-07 | 3.63E-07 | 3.57E-07 | 2.10E-08 | 1.18E-07 | 8.42E-09 | 8.34E-09 | 8.26E-09 | 8.18E-09 |
| 167132.667033171390 | 167132.67 | 3909372.55 | FENCEGRD | 3.64E-07 | 3.57E-07 | 3.49E-07 | 3.42E-07 | 1.85E-08 | 1.18E-07 | 7.94E-09 | 7.85E-09 | 7.76E-09 | 7.68E-09 |
| 167118.047626537390 | 167118.05 | 3909353.88 | FENCEGRD | 3.47E-07 | 3.40E-07 | 3.31E-07 | 3.24E-07 | 1.61E-08 | 1.17E-07 | 7.40E-09 | 7.31E-09 | 7.22E-09 | 7.13E-09 |
| 167103.428219903390 | 167103.43 | 3909335.21 | FENCEGRD | 3.28E-07 | 3.20E-07 | 3.11E-07 | 3.03E-07 | 1.40E-08 | 1.15E-07 | 6.85E-09 | 6.75E-09 | 6.66E-09 | 6.57E-09 |
| 167088.808813268390 | 167088.81 | 3909316.54 | FENCEGRD | 3.06E-07 | 2.98E-07 | 2.89E-07 | 2.82E-07 | 1.20E-08 | 1.11E-07 | 6.29E-09 | 6.19E-09 | 6.11E-09 | 6.02E-09 |
| 167074.189406634390 | 167074.19 | 3909297.87 | FENCEGRD | 2.83E-07 | 2.75E-07 | 2.67E-07 | 2.60E-07 | 1.03E-08 | 1.07E-07 | 5.74E-09 | 5.66E-09 | 5.57E-09 | 5.49E-09 |
| 168002.070345849390 | 168002.07 | 3909511.99 | FENCEGRD | 1.76E-08 | 1.78E-08 | 1.80E-08 | 1.82 | | | | | | |

0<2 Dose

| | | | | 0<2 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168025.259938113390 | 168025.26 | 3909587.89 | FENCEGRD | 1.88E-08 | 1.91E-08 | 1.94E-08 | 1.96E-08 | 2.60E-09 | 8.86E-09 | 6.94E-10 | 7.02E-10 | 7.09E-10 | 7.17E-10 |
| 168003.489779144390 | 168003.49 | 3909597.67 | FENCEGRD | 1.86E-08 | 1.88E-08 | 1.89E-08 | 1.91E-08 | 2.59E-09 | 8.78E-09 | 6.97E-10 | 7.05E-10 | 7.12E-10 | 7.19E-10 |
| 167981.719620175390 | 167981.72 | 3909607.45 | FENCEGRD | 1.79E-08 | 1.80E-08 | 1.81E-08 | 1.82E-08 | 2.58E-09 | 8.76E-09 | 6.98E-10 | 7.05E-10 | 7.11E-10 | 7.17E-10 |
| 167959.949461207390 | 167959.95 | 3909617.23 | FENCEGRD | 1.65E-08 | 1.65E-08 | 1.65E-08 | 1.65E-08 | 2.42E-09 | 8.34E-09 | 6.53E-10 | 6.58E-10 | 6.62E-10 | 6.67E-10 |
| 167938.179302238390 | 167938.18 | 3909627.00 | FENCEGRD | 1.50E-08 | 1.50E-08 | 1.49E-08 | 1.50E-08 | 2.26E-09 | 7.88E-09 | 5.92E-10 | 5.96E-10 | 5.99E-10 | 6.02E-10 |
| 167916.409143269390 | 167916.41 | 3909636.78 | FENCEGRD | 1.42E-08 | 1.42E-08 | 1.43E-08 | 1.43E-08 | 2.35E-09 | 8.16E-09 | 5.83E-10 | 5.87E-10 | 5.89E-10 | 5.92E-10 |
| 167894.638984339090 | 167894.64 | 3909646.56 | FENCEGRD | 1.42E-08 | 1.43E-08 | 1.44E-08 | 1.46E-08 | 2.63E-09 | 9.00E-09 | 6.08E-10 | 6.12E-10 | 6.15E-10 | 6.18E-10 |
| 167872.868825332390 | 167872.87 | 3909656.34 | FENCEGRD | 1.55E-08 | 1.57E-08 | 1.61E-08 | 1.64E-08 | 3.08E-09 | 1.05E-08 | 6.69E-10 | 6.75E-10 | 6.78E-10 | 6.83E-10 |
| 167851.098666363390 | 167851.10 | 3909666.12 | FENCEGRD | 1.94E-08 | 1.98E-08 | 2.05E-08 | 2.12E-08 | 3.62E-09 | 1.25E-08 | 7.62E-10 | 7.69E-10 | 7.75E-10 | 7.82E-10 |
| 167829.328507394390 | 167829.33 | 3909675.90 | FENCEGRD | 2.62E-08 | 2.70E-08 | 2.81E-08 | 2.92E-08 | 3.99E-09 | 1.47E-08 | 8.53E-10 | 8.62E-10 | 8.70E-10 | 8.79E-10 |
| 167807.558348426390 | 167807.56 | 3909685.68 | FENCEGRD | 3.39E-08 | 3.51E-08 | 3.66E-08 | 3.80E-08 | 4.00E-09 | 1.63E-08 | 9.17E-10 | 9.28E-10 | 9.39E-10 | 9.50E-10 |
| 167785.788189457390 | 167785.79 | 3909695.46 | FENCEGRD | 4.08E-08 | 4.23E-08 | 4.41E-08 | 4.57E-08 | 3.83E-09 | 1.76E-08 | 9.71E-10 | 9.84E-10 | 9.99E-10 | 1.01E-09 |
| 167764.018030488390 | 167764.02 | 3909705.23 | FENCEGRD | 4.67E-08 | 4.83E-08 | 5.04E-08 | 5.22E-08 | 3.66E-09 | 1.88E-08 | 1.04E-09 | 1.06E-09 | 1.07E-09 | 1.09E-09 |
| 167742.247871519390 | 167742.25 | 3909715.01 | FENCEGRD | 5.28E-08 | 5.47E-08 | 5.71E-08 | 5.92E-08 | 3.60E-09 | 2.00E-08 | 1.13E-09 | 1.15E-09 | 1.17E-09 | 1.19E-09 |
| 167720.477712551390 | 167720.48 | 3909724.79 | FENCEGRD | 5.91E-08 | 6.13E-08 | 6.40E-08 | 6.63E-08 | 3.69E-09 | 2.13E-08 | 1.25E-09 | 1.27E-09 | 1.30E-09 | 1.32E-09 |
| 167698.707553582390 | 167698.71 | 3909734.57 | FENCEGRD | 6.58E-08 | 6.81E-08 | 7.09E-08 | 7.33E-08 | 3.94E-09 | 2.26E-08 | 1.39E-09 | 1.41E-09 | 1.44E-09 | 1.46E-09 |
| 167676.937394613390 | 167676.94 | 3909744.35 | FENCEGRD | 7.25E-08 | 7.48E-08 | 7.75E-08 | 7.97E-08 | 4.38E-09 | 2.40E-08 | 1.54E-09 | 1.57E-09 | 1.60E-09 | 1.62E-09 |
| 167655.167235645390 | 167655.17 | 3909754.13 | FENCEGRD | 7.81E-08 | 8.02E-08 | 8.26E-08 | 8.46E-08 | 4.95E-09 | 2.52E-08 | 1.70E-09 | 1.72E-09 | 1.75E-09 | 1.77E-09 |
| 167633.397076676390 | 167633.40 | 3909763.91 | FENCEGRD | 8.21E-08 | 8.39E-08 | 8.60E-08 | 8.79E-08 | 5.63E-09 | 2.64E-08 | 1.83E-09 | 1.86E-09 | 1.88E-09 | 1.90E-09 |
| 167611.626917707390 | 167611.63 | 3909773.69 | FENCEGRD | 8.58E-08 | 8.76E-08 | 8.97E-08 | 9.17E-08 | 6.45E-09 | 2.77E-08 | 1.96E-09 | 1.98E-09 | 2.00E-09 | 2.02E-09 |
| 167524.546281832390 | 167524.55 | 3909812.80 | FENCEGRD | 9.19E-08 | 9.32E-08 | 9.41E-08 | 9.49E-08 | 7.22E-09 | 3.09E-08 | 2.11E-09 | 2.12E-09 | 2.13E-09 | 2.14E-09 |
| 167502.776122863390 | 167502.78 | 3909822.58 | FENCEGRD | 9.15E-08 | 9.25E-08 | 9.36E-08 | 9.45E-08 | 7.10E-09 | 3.16E-08 | 2.10E-09 | 2.11E-09 | 2.12E-09 | 2.14E-09 |
| 167481.005963895390 | 167481.01 | 3909832.36 | FENCEGRD | 9.23E-08 | 9.35E-08 | 9.47E-08 | 9.57E-08 | 7.18E-09 | 3.22E-08 | 2.14E-09 | 2.15E-09 | 2.17E-09 | 2.19E-09 |
| 167459.235804926390 | 167459.24 | 3909842.14 | FENCEGRD | 9.33E-08 | 9.45E-08 | 9.58E-08 | 9.70E-08 | 7.33E-09 | 3.29E-08 | 2.19E-09 | 2.21E-09 | 2.23E-09 | 2.25E-09 |
| 167437.465645957390 | 167437.47 | 3909851.92 | FENCEGRD | 9.29E-08 | 9.41E-08 | 9.54E-08 | 9.65E-08 | 7.40E-09 | 3.29E-08 | 2.21E-09 | 2.23E-09 | 2.25E-09 | 2.27E-09 |
| 167400.981761602390 | 167400.98 | 3909842.90 | FENCEGRD | 9.47E-08 | 9.59E-08 | 9.72E-08 | 9.83E-08 | 7.82E-09 | 3.35E-08 | 2.28E-09 | 2.30E-09 | 2.32E-09 | 2.34E-09 |
| 167386.268036215390 | 167386.27 | 3909824.11 | FENCEGRD | 9.95E-08 | 1.01E-07 | 1.02E-07 | 1.03E-07 | 8.38E-09 | 3.49E-08 | 2.40E-09 | 2.42E-09 | 2.45E-09 | 2.47E-09 |
| 167371.554310828390 | 167371.55 | 3909805.32 | FENCEGRD | 1.07E-07 | 1.08E-07 | 1.09E-07 | 1.11E-07 | 9.12E-09 | 3.71E-08 | 2.58E-09 | 2.60E-09 | 2.62E-09 | 2.64E-09 |
| 167356.840585442390 | 167356.84 | 3909786.53 | FENCEGRD | 1.14E-07 | 1.16E-07 | 1.17E-07 | 1.19E-07 | 9.94E-09 | 3.94E-08 | 2.76E-09 | 2.79E-09 | 2.81E-09 | 2.84E-09 |
| 167342.126860055390 | 167342.13 | 3909767.74 | FENCEGRD | 1.22E-07 | 1.23E-07 | 1.25E-07 | 1.27E-07 | 1.08E-08 | 4.16E-08 | 2.95E-09 | 2.97E-09 | 3.00E-09 | 3.03E-09 |
| 167327.413134668390 | 167327.41 | 3909748.95 | FENCEGRD | 1.30E-07 | 1.31E-07 | 1.33E-07 | 1.35E-07 | 1.18E-08 | 4.38E-08 | 3.15E-09 | 3.18E-09 | 3.21E-09 | 3.24E-09 |
| 167312.699409281390 | 167312.70 | 3909730.16 | FENCEGRD | 1.38E-07 | 1.40E-07 | 1.42E-07 | 1.44E-07 | 1.28E-08 | 4.63E-08 | 3.37E-09 | 3.40E-09 | 3.43E-09 | 3.46E-09 |
| 167297.985683895390 | 167297.99 | 3909711.37 | FENCEGRD | 1.48E-07 | 1.50E-07 | 1.52E-07 | 1.53E-07 | 1.40E-08 | 4.92E-08 | 3.62E-09 | 3.65E-09 | 3.69E-09 | 3.72E-09 |
| 167283.271958508390 | 167283.27 | 3909692.58 | FENCEGRD | 1.59E-07 | 1.60E-07 | 1.62E-07 | 1.64E-07 | 1.52E-08 | 5.25E-08 | 3.90E-09 | 3.93E-09 | 3.96E-09 | 3.99E-09 |
| 167268.558233121390 | 167268.56 | 3909673.79 | FENCEGRD | 1.71E-07 | 1.72E-07 | 1.74E-07 | 1.75E-07 | 1.66E-08 | 5.64E-08 | 4.21E-09 | 4.24E-09 | 4.27E-09 | 4.30E-09 |
| 167253.844507735390 | 167253.84 | 3909655.00 | FENCEGRD | 1.83E-07 | 1.84E-07 | 1.85E-07 | 1.87E-07 | 1.82E-08 | 6.00E-08 | 4.51E-09 | 4.54E-09 | 4.57E-09 | 4.60E-09 |
| 167239.130782348390 | 167239.13 | 3909636.21 | FENCEGRD | 1.94E-07 | 1.95E-07 | 1.97E-07 | 1.98E-07 | 2.01E-08 | 6.34E-08 | 4.82E-09 | 4.85E-09 | 4.88E-09 | 4.91E-09 |
| 167224.417056961390 | 167224.42 | 3909617.42 | FENCEGRD | 2.06E-07 | 2.08E-07 | 2.10E-07 | 2.12E-07 | 2.22E-08 | 6.69E-08 | 5.16E-09 | 5.20E-09 | 5.24E-09 | 5.28E-09 |
| 167209.703331574390 | 167209.70 | 3909598.63 | FENCEGRD | 2.20E-07 | 2.22E-07 | 2.25E-07 | 2.27E-07 | 2.44E-08 | 7.07E-08 | 5.57E-09 | 5.61E-09 | 5.67E-09 | 5.72E-09 |
| 167194.989606188390 | 167194.99 | 3909579.84 | FENCEGRD | 2.35E-07 | 2.39E-07 | 2.41E-07 | 2.44E-07 | 2.63E-08 | 7.50E-08 | 6.04E-09 | 6.10E-09 | 6.16E-09 | 6.21E-09 |
| 167180.275880801390 | 167180.28 | 3909561.05 | FENCEGRD | 2.53E-07 | 2.57E-07 | 2.60E-07 | 2.63E-07 | 2.77E-08 | 7.99E-08 | 6.56E-09 | 6.62E-09 | 6.68E-09 | 6.73E-09 |
| 167165.562155414390 | 167165.56 | 3909542.26 | FENCEGRD | 2.72E-07 | 2.75E-07 | 2.78E-07 | 2.80E-07 | 2.83E-08 | 8.51E-08 | 7.06E-09 | 7.12E-09 | 7.17E-09 | 7.22E-09 |
| 167150.848430027390 | 167150.85 | 3909523.47 | FENCEGRD | 2.90E-07 | 2.93E-07 | 2.95E-07 | 2.96E-07 | 2.80E-08 | 9.04E-08 | 7.50E-09 | 7.54E-09 | 7.57E-09 | 7.60E-09 |
| 167136.134704641390 | 167136.13 | 3909504.68 | FENCEGRD | 3.06E-07 | 3.07E-07 | 3.07E-07 | 3.08E-07 | 2.71E-08 | 9.54E-08 | 7.80E-09 | 7.81E-09 | 7.83E-09 | 7.84E-09 |
| 167121.420979254390 | 167121.42 | 3909485.89 | FENCEGRD | 3.17E-07 | 3.17E-07 | 3.16E-07 | 3.14E-07 | 2.58E-08 | 9.98E-08 | 7.94E-09 | 7.94E-09 | 7.93E-09 | 7.91E-09 |
| 167106.707253867390 | 167106.71 | 3909467.10 | FENCEGRD | 3.24E-07 | 3.23E-07 | 3.20E-07 | 3.17E-07 | 2.41E-08 | 1.04E-07 | 7.97E-09 | 7.94E-09 | 7.91E-09 | 7.87E-09 |
| 167091.993528481390 | 167091.99 | 3909448.31 | FENCEGRD | 3.27E-07 | 3.24E-07 | 3.20E-07 | 3.16E-07 | 2.23E-08 | 1.07E-07 | 7.85E-09 | 7.80E-09 | 7.76E-09 | 7.70E-09 |
| 167077.279803094390 | 167077.28 | 3909429.52 | FENCEGRD | 3.23E-07 | 3.18E-07 | 3.13E-07 | 3.08E-07 | 2.04E-08 | 1.08E-07 | 7.58E-09 | 7.52E-09 | 7.46E-09 | 7.40E-09 |
| 167062.566077707390 | 167062.57 | 3909410.73 | FENCEGRD | 3.14E-07 | 3.08E-07 | 3.02E-07 | 2.97E-07 | 1.85E-08 | 1.08E-07 | 7.22E-09 | 7.15E-09 | 7.08E-09 | 7.01E-09 |
| 167047.852352323909 | 167047.85 | 3909391.94 | FENCEGRD | 3.01E-07 | 2.95E-07 | 2.89E-07 | 2.83E-07 | 1.66E-08 | 1.06E-07 | 6.81E-09 | 6.73E-09 | 6.66E-09 | 6.59E-09 |
| 167033.138626934390 | 167033.14 | 3909373.15 | FENCEGRD | 2.86E-07 | 2.80E-07 | 2.73E-07 | 2.68E-07 | 1.49E-08 | 1.04E-07 | 6.37E-09 | 6.29E-09 | 6.22E-09 | 6.15E-09 |
| 167018.424901547390 | 167018.42 | 3909354.36 | FENCEGRD | 2.70E-07 | 2.64E-07 | 2.57E-07 | 2.51E-07 | 1.32E-08 | 1.02E-07 | 5.93E-09 | 5.86E-09 | 5.79E-09 | 5.72E-09 |
| 167003.711176163909 | 167003.71 | 3909335.57 | FENCEGRD | 2.53E-07 | 2.47E-07 | 2.40E-07 | 2.35E-07 | 1.16E-08 | 9.82E-08 | 5.50E-09 | 5.43E-09 | 5.36E-09 | 5.29E-09 |
| 166988.997450773390 | 166989.00 | 3909316.78 | FENCEGRD | 2.35E-07 | 2.30E-07 | 2.23E-07 | 2.18E-07 | 1.01E-08 | 9.41E-08 | 5.07E-09 | 5.01E-09 | 4.94E-09 | 4.88E-09 |
| 166974.283725387390 | 166974.28 | 3909297.99 | FENCEGRD | 2.18E-07 | 2.12E-07 | 2.06E-07 | 2.01E-07 | 8.84E-09 | 8.98E-08 | 4.67E-09 | 4.61E-09 | 4.55E-09 | 4.49E-09 |
| 168090.570415019390 | 168090.57 | 3909558.55 | FENCEGRD | 1.86E-08 | 1.89E-08 | 1.93E-08 | 1.96E-08 | 2.74E-09 | 9.56E-09 | 7.11E-10 | 7.19E-10 | 7.26E-10 | 7.34E-10 |
| 168102.018915019390 | 168102.02 | 3909536.79 | FENCEGRD | 1.75E-08 | 1.77E-08 | 1.80E-08 | 1.83E-08 | 2.58E-09 | 9.12E-09 | 6.74E-10 | 6.81E-10 | 6.88E-10 | 6.95E-10 |
| 168113.467415019390 | 168113.47 | 3909515.03 | FENCEGRD | 1.68E-08 | 1.70E-08 | 1.73E-08 | 1.75E-08 | 2.49E-09 | 8.92E-09 | 6.59E-10 | 6.66E-10 | 6.72E-10 | 6.79E-10 |
| 168124.915915019390 | 168124.92 | 3909493.27 | FENCEGRD | 1.66E-08 | 1.68E-08 | 1.70E-08 | 1.73E-08 | 2.51E-09 | 9.06E-09 | 6.72E-10 | 6.79E-10 | 6.85E-10 | 6.92E-10 |
| 168136.364415019390 | 168136.36 | 3909471.51 | FENCEGRD | 1.69E-08 | 1.71E-08 | 1.74E-08 | 1.76E-08 | 2.57E-09 | 9.35E-09 | 6.94E-10 | 7.02E-10 | 7.08E-10 | 7.15E-10 |
| 168147.812915019390 | 168147.81 | 3909449.75 | FENCEGRD | 1.83E-08 | 1.86E-08 | 1.89E-08 | 1.91E-08 | 2.77E-09 | 1.01E-08 | 7.44E-10 | 7.52E-10 | 7.59E-10 | 7.67E-10 |
| 168159.261415019390 | 168159.26 | 3909427.98 | FENCEGRD | 2.00E-08 | 2.02E-08 | 2.06E-08 | 2.09 | | | | | | |

0<2 Dose

| | | | | 0<2 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167982.231963513390 | 167982.23 | 3909693.53 | FENCEGRD | 2.89E-08 | 2.93E-08 | 2.98E-08 | 3.03E-08 | 3.54E-09 | 1.21E-08 | 9.46E-10 | 9.50E-10 | 9.53E-10 | 9.55E-10 |
| 167960.361016772390 | 167960.36 | 3909703.35 | FENCEGRD | 2.81E-08 | 2.85E-08 | 2.91E-08 | 2.96E-08 | 3.61E-09 | 1.22E-08 | 9.15E-10 | 9.18E-10 | 9.19E-10 | 9.21E-10 |
| 167938.490070033909 | 167938.49 | 3909713.18 | FENCEGRD | 2.77E-08 | 2.82E-08 | 2.88E-08 | 2.94E-08 | 3.66E-09 | 1.23E-08 | 8.77E-10 | 8.80E-10 | 8.81E-10 | 8.83E-10 |
| 167916.619123288390 | 167916.62 | 3909723.00 | FENCEGRD | 2.88E-08 | 2.93E-08 | 3.00E-08 | 3.07E-08 | 3.69E-09 | 1.27E-08 | 8.47E-10 | 8.50E-10 | 8.53E-10 | 8.55E-10 |
| 167894.748176546390 | 167894.75 | 3909732.82 | FENCEGRD | 3.05E-08 | 3.12E-08 | 3.19E-08 | 3.27E-08 | 3.67E-09 | 1.32E-08 | 8.26E-10 | 8.30E-10 | 8.33E-10 | 8.37E-10 |
| 167872.877229805390 | 167872.88 | 3909742.65 | FENCEGRD | 3.21E-08 | 3.28E-08 | 3.37E-08 | 3.45E-08 | 3.59E-09 | 1.38E-08 | 8.16E-10 | 8.21E-10 | 8.26E-10 | 8.32E-10 |
| 167851.006283063390 | 167851.01 | 3909752.47 | FENCEGRD | 3.43E-08 | 3.51E-08 | 3.62E-08 | 3.72E-08 | 3.46E-09 | 1.45E-08 | 8.24E-10 | 8.31E-10 | 8.38E-10 | 8.45E-10 |
| 167829.135336321390 | 167829.14 | 3909762.30 | FENCEGRD | 3.71E-08 | 3.81E-08 | 3.94E-08 | 4.06E-08 | 3.32E-09 | 1.54E-08 | 8.50E-10 | 8.59E-10 | 8.68E-10 | 8.78E-10 |
| 167807.264389583909 | 167807.26 | 3909772.12 | FENCEGRD | 4.05E-08 | 4.18E-08 | 4.33E-08 | 4.47E-08 | 3.22E-09 | 1.64E-08 | 8.95E-10 | 9.07E-10 | 9.19E-10 | 9.31E-10 |
| 167785.393442838390 | 167785.39 | 3909781.94 | FENCEGRD | 4.45E-08 | 4.59E-08 | 4.77E-08 | 4.93E-08 | 3.18E-09 | 1.74E-08 | 9.60E-10 | 9.74E-10 | 9.89E-10 | 1.00E-09 |
| 167763.522496096390 | 167763.52 | 3909791.77 | FENCEGRD | 4.85E-08 | 5.01E-08 | 5.21E-08 | 5.39E-08 | 3.23E-09 | 1.85E-08 | 1.04E-09 | 1.06E-09 | 1.07E-09 | 1.09E-09 |
| 167741.651549354390 | 167741.65 | 3909801.59 | FENCEGRD | 5.28E-08 | 5.46E-08 | 5.68E-08 | 5.87E-08 | 3.37E-09 | 1.95E-08 | 1.13E-09 | 1.15E-09 | 1.17E-09 | 1.19E-09 |
| 167719.780602613390 | 167719.78 | 3909811.42 | FENCEGRD | 5.75E-08 | 5.94E-08 | 6.18E-08 | 6.38E-08 | 3.61E-09 | 2.06E-08 | 1.24E-09 | 1.26E-09 | 1.29E-09 | 1.31E-09 |
| 167697.909655871390 | 167697.91 | 3909821.24 | FENCEGRD | 6.24E-08 | 6.44E-08 | 6.67E-08 | 6.87E-08 | 3.97E-09 | 2.17E-08 | 1.36E-09 | 1.39E-09 | 1.41E-09 | 1.43E-09 |
| 167676.038709129390 | 167676.04 | 3909831.07 | FENCEGRD | 6.71E-08 | 6.90E-08 | 7.11E-08 | 7.30E-08 | 4.42E-09 | 2.28E-08 | 1.49E-09 | 1.52E-09 | 1.54E-09 | 1.56E-09 |
| 167654.167762388390 | 167654.17 | 3909840.89 | FENCEGRD | 7.21E-08 | 7.39E-08 | 7.59E-08 | 7.76E-08 | 5.09E-09 | 2.41E-08 | 1.65E-09 | 1.67E-09 | 1.69E-09 | 1.71E-09 |
| 167566.683975421390 | 167566.68 | 3909880.19 | FENCEGRD | 7.75E-08 | 7.92E-08 | 8.01E-08 | 8.05E-08 | 6.39E-09 | 2.66E-08 | 1.88E-09 | 1.89E-09 | 1.90E-09 | 1.90E-09 |
| 167544.813028679390 | 167544.81 | 3909890.01 | FENCEGRD | 7.70E-08 | 7.74E-08 | 7.78E-08 | 7.82E-08 | 6.22E-09 | 2.71E-08 | 1.82E-09 | 1.82E-09 | 1.83E-09 | 1.83E-09 |
| 167522.942081937390 | 167522.94 | 3909899.83 | FENCEGRD | 7.50E-08 | 7.55E-08 | 7.60E-08 | 7.65E-08 | 6.04E-09 | 2.66E-08 | 1.76E-09 | 1.77E-09 | 1.78E-09 | 1.78E-09 |
| 167501.071135196390 | 167501.07 | 3909909.66 | FENCEGRD | 7.36E-08 | 7.42E-08 | 7.48E-08 | 7.54E-08 | 5.89E-09 | 2.63E-08 | 1.73E-09 | 1.74E-09 | 1.75E-09 | 1.76E-09 |
| 167479.200188454390 | 167479.20 | 3909919.48 | FENCEGRD | 7.25E-08 | 7.33E-08 | 7.41E-08 | 7.47E-08 | 5.79E-09 | 2.62E-08 | 1.72E-09 | 1.73E-09 | 1.74E-09 | 1.75E-09 |
| 167457.329241712390 | 167457.33 | 3909929.31 | FENCEGRD | 7.21E-08 | 7.29E-08 | 7.38E-08 | 7.45E-08 | 5.79E-09 | 2.63E-08 | 1.72E-09 | 1.74E-09 | 1.75E-09 | 1.76E-09 |
| 167435.458294973909 | 167435.46 | 3909939.13 | FENCEGRD | 7.27E-08 | 7.35E-08 | 7.45E-08 | 7.52E-08 | 5.92E-09 | 2.67E-08 | 1.76E-09 | 1.78E-09 | 1.79E-09 | 1.81E-09 |
| 167413.587348229390 | 167413.59 | 3909948.95 | FENCEGRD | 7.38E-08 | 7.47E-08 | 7.56E-08 | 7.64E-08 | 6.12E-09 | 2.74E-08 | 1.82E-09 | 1.83E-09 | 1.85E-09 | 1.86E-09 |
| 167376.934557001390 | 167376.93 | 3909939.90 | FENCEGRD | 7.90E-08 | 8.00E-08 | 8.09E-08 | 8.17E-08 | 6.79E-09 | 2.93E-08 | 1.98E-09 | 2.00E-09 | 2.01E-09 | 2.03E-09 |
| 167362.152712515390 | 167362.15 | 3909921.02 | FENCEGRD | 8.34E-08 | 8.43E-08 | 8.53E-08 | 8.61E-08 | 7.26E-09 | 3.07E-08 | 2.10E-09 | 2.11E-09 | 2.13E-09 | 2.15E-09 |
| 167347.370868033909 | 167347.37 | 3909902.15 | FENCEGRD | 8.81E-08 | 8.91E-08 | 9.01E-08 | 9.10E-08 | 7.78E-09 | 3.23E-08 | 2.22E-09 | 2.23E-09 | 2.25E-09 | 2.27E-09 |
| 167332.589023544390 | 167332.59 | 3909883.27 | FENCEGRD | 9.32E-08 | 9.43E-08 | 9.54E-08 | 9.64E-08 | 8.35E-09 | 3.39E-08 | 2.35E-09 | 2.37E-09 | 2.39E-09 | 2.40E-09 |
| 167317.807179058390 | 167317.81 | 3909864.39 | FENCEGRD | 9.93E-08 | 1.00E-07 | 1.02E-07 | 1.03E-07 | 9.00E-09 | 3.58E-08 | 2.50E-09 | 2.52E-09 | 2.54E-09 | 2.56E-09 |
| 167303.025334572390 | 167303.03 | 3909845.51 | FENCEGRD | 1.05E-07 | 1.07E-07 | 1.08E-07 | 1.09E-07 | 9.70E-09 | 3.77E-08 | 2.66E-09 | 2.68E-09 | 2.71E-09 | 2.73E-09 |
| 167288.243490087390 | 167288.24 | 3909826.64 | FENCEGRD | 1.13E-07 | 1.14E-07 | 1.15E-07 | 1.17E-07 | 1.05E-08 | 3.99E-08 | 2.84E-09 | 2.87E-09 | 2.89E-09 | 2.91E-09 |
| 167273.461645601390 | 167273.46 | 3909807.76 | FENCEGRD | 1.19E-07 | 1.21E-07 | 1.22E-07 | 1.24E-07 | 1.13E-08 | 4.20E-08 | 3.03E-09 | 3.05E-09 | 3.08E-09 | 3.10E-09 |
| 167258.679801115390 | 167258.68 | 3909788.88 | FENCEGRD | 1.27E-07 | 1.28E-07 | 1.30E-07 | 1.31E-07 | 1.22E-08 | 4.42E-08 | 3.22E-09 | 3.24E-09 | 3.27E-09 | 3.30E-09 |
| 167243.897956629390 | 167243.90 | 3909770.01 | FENCEGRD | 1.34E-07 | 1.35E-07 | 1.37E-07 | 1.38E-07 | 1.31E-08 | 4.66E-08 | 3.42E-09 | 3.44E-09 | 3.47E-09 | 3.49E-09 |
| 167229.116112144390 | 167229.12 | 3909751.13 | FENCEGRD | 1.41E-07 | 1.43E-07 | 1.44E-07 | 1.45E-07 | 1.40E-08 | 4.91E-08 | 3.62E-09 | 3.64E-09 | 3.67E-09 | 3.69E-09 |
| 167214.334267658390 | 167214.33 | 3909732.25 | FENCEGRD | 1.49E-07 | 1.50E-07 | 1.51E-07 | 1.52E-07 | 1.50E-08 | 5.16E-08 | 3.83E-09 | 3.85E-09 | 3.87E-09 | 3.90E-09 |
| 167199.552423172390 | 167199.55 | 3909713.37 | FENCEGRD | 1.57E-07 | 1.59E-07 | 1.60E-07 | 1.61E-07 | 1.62E-08 | 5.43E-08 | 4.05E-09 | 4.08E-09 | 4.10E-09 | 4.12E-09 |
| 167184.770578686390 | 167184.77 | 3909694.50 | FENCEGRD | 1.66E-07 | 1.67E-07 | 1.69E-07 | 1.70E-07 | 1.76E-08 | 5.70E-08 | 4.29E-09 | 4.32E-09 | 4.35E-09 | 4.38E-09 |
| 167169.988734201390 | 167169.99 | 3909675.62 | FENCEGRD | 1.75E-07 | 1.76E-07 | 1.78E-07 | 1.80E-07 | 1.92E-08 | 5.96E-08 | 4.56E-09 | 4.59E-09 | 4.63E-09 | 4.66E-09 |
| 167155.206889715390 | 167155.21 | 3909656.74 | FENCEGRD | 1.84E-07 | 1.86E-07 | 1.89E-07 | 1.91E-07 | 2.09E-08 | 6.23E-08 | 4.86E-09 | 4.90E-09 | 4.94E-09 | 4.98E-09 |
| 167140.425045229390 | 167140.43 | 3909637.87 | FENCEGRD | 1.96E-07 | 1.98E-07 | 2.01E-07 | 2.03E-07 | 2.25E-08 | 6.55E-08 | 5.21E-09 | 5.26E-09 | 5.31E-09 | 5.36E-09 |
| 167125.643200743390 | 167125.64 | 3909618.99 | FENCEGRD | 2.09E-07 | 2.12E-07 | 2.14E-07 | 2.17E-07 | 2.38E-08 | 6.92E-08 | 5.61E-09 | 5.66E-09 | 5.71E-09 | 5.76E-09 |
| 167110.861356258390 | 167110.86 | 3909600.11 | FENCEGRD | 2.23E-07 | 2.26E-07 | 2.29E-07 | 2.31E-07 | 2.46E-08 | 7.35E-08 | 6.02E-09 | 6.07E-09 | 6.11E-09 | 6.16E-09 |
| 167096.079511772390 | 167096.08 | 3909581.23 | FENCEGRD | 2.37E-07 | 2.40E-07 | 2.42E-07 | 2.44E-07 | 2.49E-08 | 7.78E-08 | 6.39E-09 | 6.43E-09 | 6.47E-09 | 6.50E-09 |
| 167081.297667286390 | 167081.30 | 3909562.36 | FENCEGRD | 2.51E-07 | 2.53E-07 | 2.54E-07 | 2.55E-07 | 2.48E-08 | 8.24E-08 | 6.71E-09 | 6.74E-09 | 6.76E-09 | 6.78E-09 |
| 167066.515822839099 | 167066.52 | 3909543.48 | FENCEGRD | 2.62E-07 | 2.63E-07 | 2.64E-07 | 2.64E-07 | 2.41E-08 | 8.66E-08 | 6.92E-09 | 6.93E-09 | 6.94E-09 | 6.94E-09 |
| 167051.733978315390 | 167051.73 | 3909524.60 | FENCEGRD | 2.69E-07 | 2.69E-07 | 2.68E-07 | 2.67E-07 | 2.31E-08 | 8.99E-08 | 7.00E-09 | 7.00E-09 | 6.99E-09 | 6.98E-09 |
| 167036.952133829390 | 167036.95 | 3909505.73 | FENCEGRD | 2.73E-07 | 2.72E-07 | 2.70E-07 | 2.68E-07 | 2.19E-08 | 9.27E-08 | 6.99E-09 | 6.97E-09 | 6.95E-09 | 6.92E-09 |
| 167022.170289343390 | 167022.17 | 3909486.85 | FENCEGRD | 2.74E-07 | 2.72E-07 | 2.69E-07 | 2.67E-07 | 2.06E-08 | 9.48E-08 | 6.89E-09 | 6.86E-09 | 6.82E-09 | 6.78E-09 |
| 167007.388444857390 | 167007.39 | 3909467.97 | FENCEGRD | 2.72E-07 | 2.69E-07 | 2.65E-07 | 2.62E-07 | 1.92E-08 | 9.60E-08 | 6.71E-09 | 6.67E-09 | 6.62E-09 | 6.58E-09 |
| 166992.606600372390 | 166992.61 | 3909449.09 | FENCEGRD | 2.67E-07 | 2.63E-07 | 2.58E-07 | 2.55E-07 | 1.77E-08 | 9.64E-08 | 6.47E-09 | 6.42E-09 | 6.37E-09 | 6.32E-09 |
| 166977.824755886390 | 166977.82 | 3909430.22 | FENCEGRD | 2.59E-07 | 2.55E-07 | 2.50E-07 | 2.46E-07 | 1.63E-08 | 9.59E-08 | 6.19E-09 | 6.13E-09 | 6.08E-09 | 6.02E-09 |
| 166963.042911439094 | 166963.04 | 3909411.34 | FENCEGRD | 2.49E-07 | 2.45E-07 | 2.39E-07 | 2.35E-07 | 1.50E-08 | 9.45E-08 | 5.87E-09 | 5.81E-09 | 5.75E-09 | 5.69E-09 |
| 166948.261066914390 | 166948.26 | 3909392.46 | FENCEGRD | 2.38E-07 | 2.33E-07 | 2.28E-07 | 2.23E-07 | 1.36E-08 | 9.24E-08 | 5.53E-09 | 5.47E-09 | 5.41E-09 | 5.36E-09 |
| 166933.479222429390 | 166933.48 | 3909373.59 | FENCEGRD | 2.26E-07 | 2.21E-07 | 2.15E-07 | 2.11E-07 | 1.23E-08 | 9.00E-08 | 5.19E-09 | 5.14E-09 | 5.08E-09 | 5.02E-09 |
| 166918.697377943390 | 166918.70 | 3909354.71 | FENCEGRD | 2.13E-07 | 2.08E-07 | 2.03E-07 | 1.98E-07 | 1.10E-08 | 8.71E-08 | 4.86E-09 | 4.80E-09 | 4.75E-09 | 4.70E-09 |
| 166903.915533457390 | 166903.92 | 3909335.83 | FENCEGRD | 2.00E-07 | 1.95E-07 | 1.90E-07 | 1.86E-07 | 9.85E-09 | 8.39E-08 | 4.54E-09 | 4.48E-09 | 4.43E-09 | 4.38E-09 |
| 166889.133688972390 | 166889.13 | 3909316.95 | FENCEGRD | 1.87E-07 | 1.82E-07 | 1.78E-07 | 1.74E-07 | 8.74E-09 | 8.05E-08 | 4.23E-09 | 4.18E-09 | 4.13E-09 | 4.08E-09 |
| 166874.351844486390 | 166874.35 | 3909298.08 | FENCEGRD | 1.74E-07 | 1.70E-07 | 1.66E-07 | 1.62E-07 | 7.73E-09 | 7.68E-08 | 3.92E-09 | 3.87E-09 | 3.83E-09 | 3.78E-09 |
| 168179.070484189390 | 168179.07 | 3909605.11 | FENCEGRD | 2.04E-08 | 2.08E-08 | 2.13E-08 | 2.18E-08 | 2.76E-09 | 1.03E-08 | 7.36E-10 | 7.43E-10 | 7.49E-10 | 7.56E-10 |
| 168190.518984189390 | 168190.52 | 3909583.35 | FENCEGRD | 1.98E-08 | 2.01E-08 | 2.07E-08 | 2.11E-08 | 2.74E-09 | 1.03E-08 | 7.38E-10 | 7.45E-10 | 7.52E-10 | 7.58E-10 |
| 168201.967484189390 | 168201.97 | 3909561.59 | FENCEGRD | 1.91E-08 | 1.94E-08 | 1.99E-08 | 2.03 | | | | | | |

0<2 Dose

| | | | | 0<2 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167691.681442745390 | 167691.68 | 3908875.12 | FENCEGRD | 4.64E-07 | 4.22E-07 | 3.78E-07 | 3.44E-07 | 1.52E-08 | 1.44E-07 | 5.91E-09 | 5.64E-09 | 5.37E-09 | 5.12E-09 |
| 167670.783442745390 | 167670.78 | 3908888.20 | FENCEGRD | 3.91E-07 | 3.52E-07 | 3.13E-07 | 2.83E-07 | 1.36E-08 | 1.23E-07 | 4.98E-09 | 4.73E-09 | 4.49E-09 | 4.27E-09 |
| 167762.006885491390 | 167762.01 | 3908801.59 | FENCEGRD | 5.01E-07 | 4.73E-07 | 4.41E-07 | 4.13E-07 | 1.73E-08 | 1.65E-07 | 7.22E-09 | 6.99E-09 | 6.76E-09 | 6.55E-09 |
| 167741.108885491390 | 167741.11 | 3908814.67 | FENCEGRD | 4.72E-07 | 4.41E-07 | 4.07E-07 | 3.80E-07 | 1.62E-08 | 1.36E-07 | 6.59E-09 | 6.36E-09 | 6.13E-09 | 5.92E-09 |
| 167720.210885491390 | 167720.21 | 3908827.76 | FENCEGRD | 4.36E-07 | 4.04E-07 | 3.70E-07 | 3.42E-07 | 1.51E-08 | 1.13E-07 | 5.95E-09 | 5.72E-09 | 5.50E-09 | 5.29E-09 |
| 167699.312885491390 | 167699.31 | 3908840.84 | FENCEGRD | 3.88E-07 | 3.57E-07 | 3.24E-07 | 2.98E-07 | 1.37E-08 | 9.37E-08 | 5.21E-09 | 4.99E-09 | 4.78E-09 | 4.58E-09 |
| 167678.414885491390 | 167678.41 | 3908853.93 | FENCEGRD | 3.41E-07 | 3.11E-07 | 2.80E-07 | 2.57E-07 | 1.25E-08 | 8.20E-08 | 4.52E-09 | 4.32E-09 | 4.12E-09 | 3.94E-09 |
| 167657.516885491390 | 167657.52 | 3908867.01 | FENCEGRD | 2.91E-07 | 2.65E-07 | 2.38E-07 | 2.18E-07 | 1.13E-08 | 7.51E-08 | 3.85E-09 | 3.67E-09 | 3.50E-09 | 3.34E-09 |
| 167794.142777813390 | 167794.14 | 3908784.69 | FENCEGRD | 5.22E-07 | 5.04E-07 | 4.80E-07 | 4.56E-07 | 1.89E-08 | 2.01E-07 | 8.01E-09 | 7.84E-09 | 7.64E-09 | 7.44E-09 |
| 167816.844002601390 | 167816.84 | 3908786.84 | FENCEGRD | 5.42E-07 | 5.29E-07 | 5.15E-07 | 5.03E-07 | 2.08E-08 | 2.48E-07 | 8.52E-09 | 8.41E-09 | 8.29E-09 | 8.19E-09 |
| 167748.740328236390 | 167748.74 | 3908780.40 | FENCEGRD | 4.02E-07 | 3.77E-07 | 3.51E-07 | 3.29E-07 | 1.48E-08 | 1.13E-07 | 5.91E-09 | 5.71E-09 | 5.52E-09 | 5.35E-09 |
| 167727.842328236390 | 167727.84 | 3908793.49 | FENCEGRD | 3.77E-07 | 3.52E-07 | 3.24E-07 | 3.02E-07 | 1.39E-08 | 9.42E-08 | 5.41E-09 | 5.22E-09 | 5.03E-09 | 4.85E-09 |
| 167706.944328236390 | 167706.94 | 3908806.57 | FENCEGRD | 3.42E-07 | 3.17E-07 | 2.90E-07 | 2.69E-07 | 1.28E-08 | 7.65E-08 | 4.82E-09 | 4.63E-09 | 4.45E-09 | 4.28E-09 |
| 167686.046328236390 | 167686.05 | 3908819.65 | FENCEGRD | 3.07E-07 | 2.82E-07 | 2.57E-07 | 2.38E-07 | 1.18E-08 | 6.41E-08 | 4.25E-09 | 4.08E-09 | 3.91E-09 | 3.75E-09 |
| 167665.148328236390 | 167665.15 | 3908832.74 | FENCEGRD | 2.68E-07 | 2.46E-07 | 2.23E-07 | 2.06E-07 | 1.07E-08 | 5.57E-08 | 3.67E-09 | 3.52E-09 | 3.36E-09 | 3.23E-09 |
| 167644.250328236390 | 167644.25 | 3908845.82 | FENCEGRD | 2.29E-07 | 2.10E-07 | 1.91E-07 | 1.77E-07 | 9.63E-09 | 5.09E-08 | 3.11E-09 | 2.98E-09 | 2.85E-09 | 2.74E-09 |
| 167783.903050533908 | 167783.90 | 3908763.79 | FENCEGRD | 4.53E-07 | 4.30E-07 | 4.05E-07 | 3.83E-07 | 1.68E-08 | 1.59E-07 | 6.95E-09 | 6.75E-09 | 6.56E-09 | 6.38E-09 |
| 167808.117690304390 | 167808.12 | 3908766.08 | FENCEGRD | 4.93E-07 | 4.80E-07 | 4.61E-07 | 4.40E-07 | 1.87E-08 | 1.96E-07 | 7.88E-09 | 7.73E-09 | 7.57E-09 | 7.38E-09 |
| 167868.842829443390 | 167868.84 | 3908842.58 | FENCEGRD | 6.22E-07 | 6.11E-07 | 5.99E-07 | 5.87E-07 | 2.26E-08 | 2.67E-07 | 1.04E-08 | 1.03E-08 | 1.01E-08 | 9.89E-09 |
| 167735.473770981390 | 167735.47 | 3908759.21 | FENCEGRD | 3.36E-07 | 3.15E-07 | 2.92E-07 | 2.74E-07 | 1.31E-08 | 8.70E-08 | 5.06E-09 | 4.89E-09 | 4.72E-09 | 4.57E-09 |
| 167714.575770981390 | 167714.58 | 3908772.30 | FENCEGRD | 3.10E-07 | 2.89E-07 | 2.66E-07 | 2.48E-07 | 1.22E-08 | 7.16E-08 | 4.57E-09 | 4.40E-09 | 4.24E-09 | 4.09E-09 |
| 167693.677770981390 | 167693.68 | 3908785.38 | FENCEGRD | 2.80E-07 | 2.60E-07 | 2.38E-07 | 2.22E-07 | 1.12E-08 | 5.87E-08 | 4.06E-09 | 3.90E-09 | 3.75E-09 | 3.61E-09 |
| 167672.779770981390 | 167672.78 | 3908798.46 | FENCEGRD | 2.49E-07 | 2.30E-07 | 2.10E-07 | 1.95E-07 | 1.03E-08 | 4.87E-08 | 3.54E-09 | 3.40E-09 | 3.26E-09 | 3.14E-09 |
| 167651.881770981390 | 167651.88 | 3908811.55 | FENCEGRD | 2.17E-07 | 2.00E-07 | 1.83E-07 | 1.71E-07 | 9.28E-09 | 4.18E-08 | 3.05E-09 | 2.93E-09 | 2.81E-09 | 2.70E-09 |
| 167630.983770981390 | 167630.98 | 3908824.63 | FENCEGRD | 1.87E-07 | 1.73E-07 | 1.59E-07 | 1.49E-07 | 8.30E-09 | 3.75E-08 | 2.59E-09 | 2.49E-09 | 2.39E-09 | 2.31E-09 |
| 167731.641881263908 | 167731.64 | 3908718.98 | FENCEGRD | 2.78E-07 | 2.61E-07 | 2.43E-07 | 2.28E-07 | 1.16E-08 | 7.20E-08 | 4.38E-09 | 4.24E-09 | 4.10E-09 | 3.97E-09 |
| 167754.343106049390 | 167754.34 | 3908721.12 | FENCEGRD | 3.22E-07 | 3.03E-07 | 2.83E-07 | 2.67E-07 | 1.31E-08 | 9.35E-08 | 5.12E-09 | 4.96E-09 | 4.80E-09 | 4.66E-09 |
| 167777.044330837390 | 167777.04 | 3908723.27 | FENCEGRD | 3.67E-07 | 3.48E-07 | 3.27E-07 | 3.09E-07 | 1.47E-08 | 1.20E-07 | 5.91E-09 | 5.74E-09 | 5.57E-09 | 5.41E-09 |
| 167799.745555625390 | 167799.75 | 3908725.42 | FENCEGRD | 4.04E-07 | 3.89E-07 | 3.69E-07 | 3.51E-07 | 1.62E-08 | 1.44E-07 | 6.66E-09 | 6.51E-09 | 6.34E-09 | 6.17E-09 |
| 167822.446780414390 | 167822.45 | 3908727.56 | FENCEGRD | 4.26E-07 | 4.15E-07 | 4.03E-07 | 3.90E-07 | 1.76E-08 | 1.68E-07 | 7.21E-09 | 7.12E-09 | 7.00E-09 | 6.87E-09 |
| 167845.148005202390 | 167845.15 | 3908729.71 | FENCEGRD | 4.45E-07 | 4.36E-07 | 4.27E-07 | 4.17E-07 | 1.89E-08 | 1.92E-07 | 7.62E-09 | 7.55E-09 | 7.45E-09 | 7.38E-09 |
| 167902.077823145390 | 167902.08 | 3908801.43 | FENCEGRD | 5.53E-07 | 5.44E-07 | 5.34E-07 | 5.25E-07 | 2.15E-08 | 2.57E-07 | 9.40E-09 | 9.26E-09 | 9.12E-09 | 8.99E-09 |
| 167905.920279267390 | 167905.92 | 3908823.90 | FENCEGRD | 5.60E-07 | 5.54E-07 | 5.47E-07 | 5.40E-07 | 2.25E-08 | 2.47E-07 | 1.03E-08 | 1.02E-08 | 1.00E-08 | 9.87E-09 |
| 167909.762735389390 | 167909.76 | 3908846.38 | FENCEGRD | 5.60E-07 | 5.61E-07 | 5.60E-07 | 5.58E-07 | 2.41E-08 | 2.25E-07 | 1.13E-08 | 1.12E-08 | 1.11E-08 | 1.09E-08 |
| 167913.605191511390 | 167913.61 | 3908868.86 | FENCEGRD | 5.41E-07 | 5.50E-07 | 5.58E-07 | 5.63E-07 | 2.60E-08 | 2.03E-07 | 1.22E-08 | 1.22E-08 | 1.21E-08 | 1.20E-08 |
| 167917.447647633390 | 167917.45 | 3908891.33 | FENCEGRD | 5.17E-07 | 5.33E-07 | 5.51E-07 | 5.64E-07 | 2.81E-08 | 1.81E-07 | 1.29E-08 | 1.29E-08 | 1.29E-08 | 1.29E-08 |
| 167708.940656472390 | 167708.94 | 3908716.83 | FENCEGRD | 2.38E-07 | 2.23E-07 | 2.07E-07 | 1.94E-07 | 1.03E-08 | 5.61E-08 | 3.73E-09 | 3.61E-09 | 3.48E-09 | 3.37E-09 |
| 167688.042656472390 | 167688.04 | 3908729.92 | FENCEGRD | 2.15E-07 | 2.01E-07 | 1.86E-07 | 1.75E-07 | 9.47E-09 | 4.65E-08 | 3.31E-09 | 3.20E-09 | 3.08E-09 | 2.98E-09 |
| 167667.144656472390 | 167667.14 | 3908743.00 | FENCEGRD | 1.93E-07 | 1.80E-07 | 1.67E-07 | 1.57E-07 | 8.65E-09 | 3.86E-08 | 2.91E-09 | 2.81E-09 | 2.71E-09 | 2.62E-09 |
| 167646.246656472390 | 167646.25 | 3908756.08 | FENCEGRD | 1.71E-07 | 1.60E-07 | 1.49E-07 | 1.40E-07 | 7.85E-09 | 3.24E-08 | 2.54E-09 | 2.45E-09 | 2.36E-09 | 2.29E-09 |
| 167625.348656472390 | 167625.35 | 3908769.17 | FENCEGRD | 1.52E-07 | 1.43E-07 | 1.33E-07 | 1.26E-07 | 7.07E-09 | 2.78E-08 | 2.20E-09 | 2.13E-09 | 2.06E-09 | 2.00E-09 |
| 167604.450656472390 | 167604.45 | 3908782.25 | FENCEGRD | 1.34E-07 | 1.27E-07 | 1.18E-07 | 1.12E-07 | 6.34E-09 | 2.47E-08 | 1.91E-09 | 1.86E-09 | 1.80E-09 | 1.75E-09 |
| 167706.622181736390 | 167706.62 | 3908676.74 | FENCEGRD | 2.04E-07 | 1.92E-07 | 1.79E-07 | 1.69E-07 | 9.37E-09 | 5.04E-08 | 3.35E-09 | 3.24E-09 | 3.14E-09 | 3.04E-09 |
| 167730.836821511390 | 167730.84 | 3908679.03 | FENCEGRD | 2.40E-07 | 2.26E-07 | 2.11E-07 | 1.99E-07 | 1.07E-08 | 6.48E-08 | 3.97E-09 | 3.84E-09 | 3.72E-09 | 3.61E-09 |
| 167755.051461285390 | 167755.05 | 3908681.32 | FENCEGRD | 2.80E-07 | 2.65E-07 | 2.48E-07 | 2.35E-07 | 1.22E-08 | 8.30E-08 | 4.69E-09 | 4.55E-09 | 4.41E-09 | 4.28E-09 |
| 167779.266101059390 | 167779.27 | 3908683.61 | FENCEGRD | 3.08E-07 | 2.98E-07 | 2.87E-07 | 2.75E-07 | 1.39E-08 | 9.86E-08 | 5.36E-09 | 5.27E-09 | 5.16E-09 | 5.04E-09 |
| 167803.480740834390 | 167803.48 | 3908685.90 | FENCEGRD | 3.28E-07 | 3.18E-07 | 3.08E-07 | 2.99E-07 | 1.53E-08 | 1.15E-07 | 5.71E-09 | 5.63E-09 | 5.52E-09 | 5.44E-09 |
| 167827.695380608390 | 167827.70 | 3908688.19 | FENCEGRD | 3.53E-07 | 3.44E-07 | 3.34E-07 | 3.26E-07 | 1.63E-08 | 1.36E-07 | 6.18E-09 | 6.10E-09 | 6.01E-09 | 5.93E-09 |
| 167851.910020382390 | 167851.91 | 3908690.47 | FENCEGRD | 3.72E-07 | 3.64E-07 | 3.56E-07 | 3.48E-07 | 1.71E-08 | 1.55E-07 | 6.56E-09 | 6.49E-09 | 6.40E-09 | 6.33E-09 |
| 167876.124660157390 | 167876.12 | 3908692.76 | FENCEGRD | 3.84E-07 | 3.76E-07 | 3.69E-07 | 3.62E-07 | 1.74E-08 | 1.71E-07 | 6.80E-09 | 6.73E-09 | 6.65E-09 | 6.58E-09 |
| 167900.339299931390 | 167900.34 | 3908695.05 | FENCEGRD | 4.03E-07 | 3.96E-07 | 3.89E-07 | 3.83E-07 | 1.84E-08 | 1.88E-07 | 7.24E-09 | 7.17E-09 | 7.09E-09 | 7.02E-09 |
| 167936.849799296390 | 167936.85 | 3908769.26 | FENCEGRD | 5.42E-07 | 5.34E-07 | 5.28E-07 | 5.21E-07 | 2.27E-08 | 2.28E-07 | 9.43E-09 | 9.34E-09 | 9.24E-09 | 9.15E-09 |
| 167940.948419159390 | 167940.95 | 3908793.24 | FENCEGRD | 5.68E-07 | 5.64E-07 | 5.58E-07 | 5.52E-07 | 2.33E-08 | 2.15E-07 | 9.88E-09 | 9.79E-09 | 9.69E-09 | 9.59E-09 |
| 167945.047039022390 | 167945.05 | 3908817.21 | FENCEGRD | 5.93E-07 | 5.92E-07 | 5.90E-07 | 5.86E-07 | 2.43E-08 | 2.00E-07 | 1.05E-08 | 1.04E-08 | 1.03E-08 | 1.02E-08 |
| 167949.145658886390 | 167949.15 | 3908841.19 | FENCEGRD | 6.06E-07 | 6.11E-07 | 6.16E-07 | 6.17E-07 | 2.58E-08 | 1.84E-07 | 1.11E-08 | 1.11E-08 | 1.10E-08 | 1.10E-08 |
| 167953.244278749390 | 167953.24 | 3908865.16 | FENCEGRD | 6.00E-07 | 6.12E-07 | 6.25E-07 | 6.33E-07 | 2.74E-08 | 1.68E-07 | 1.17E-08 | 1.17E-08 | 1.17E-08 | 1.17E-08 |
| 167957.342898613390 | 167957.34 | 3908889.14 | FENCEGRD | 5.74E-07 | 5.92E-07 | 6.13E-07 | 6.28E-07 | 2.91E-08 | 1.52E-07 | 1.20E-08 | 1.20E-08 | 1.21E-08 | 1.22E-08 |
| 167961.441518476390 | 167961.44 | 3908913.11 | FENCEGRD | 5.51E-07 | 5.74E-07 | 5.99E-07 | 6.20E-07 | 3.07E-08 | 1.36E-07 | 1.19E-08 | 1.21E-08 | 1.22E-08 | 1.23E-08 |
| 167682.407541962390 | 167682.41 | 3908674.45 | FENCEGRD | 1.73E-07 | 1.63E-07 | 1.52E-07 | 1.44E-07 | 8.19E-09 | 3.98E-08 | 2.81E-09 | 2.72E-09 | 2.64E-09 | 2.55E-09 |
| 167661.509541962390 | 167661.51 | 3908687.54 | FENCEGRD | 1.56E-07 | 1.47E-07 | 1.38E-07 | 1.30E-07 | 7.46E-09 | 3.33E-08 | 2.48E-09 | 2.40E-09 | 2.32E-09 | 2.25E-09 |
| 167640.611541962390 | 167640.61 | 3908700.62 | FENCEGRD | 1.40E-07 | 1.33E-07 | 1.24E-07 | 1.18E-07 | 6.76E-09 | 2.81E-08 | 2.17E-09 | 2.11E-09 | 2.04E-09 | 1.99E-09 |
| 167619.713541962390 | 167619.71 | 3908713.71 | FENCEGRD | 1.27E-07 | 1.20E-07 | 1.13E-07 | 1.08 | | | | | | |

0<2 Dose

| | | | | 0<2 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.849192287390 | 168005.85 | 3908937.31 | FENCEGRD | 4.73E-07 | 4.96E-07 | 5.23E-07 | 5.45E-07 | 3.11E-08 | 1.01E-07 | 1.02E-08 | 1.03E-08 | 1.05E-08 | 1.07E-08 |
| 167655.874427453390 | 167655.87 | 3908632.07 | FENCEGRD | 1.29E-07 | 1.22E-07 | 1.15E-07 | 1.10E-07 | 6.48E-09 | 2.95E-08 | 2.14E-09 | 2.08E-09 | 2.02E-09 | 1.96E-09 |
| 167634.976427453390 | 167634.98 | 3908645.16 | FENCEGRD | 1.18E-07 | 1.12E-07 | 1.06E-07 | 1.02E-07 | 5.92E-09 | 2.53E-08 | 1.90E-09 | 1.85E-09 | 1.80E-09 | 1.76E-09 |
| 167614.078427453390 | 167614.08 | 3908658.24 | FENCEGRD | 1.08E-07 | 1.03E-07 | 9.81E-08 | 9.39E-08 | 5.40E-09 | 2.19E-08 | 1.71E-09 | 1.66E-09 | 1.62E-09 | 1.58E-09 |
| 167593.180427453390 | 167593.18 | 3908671.33 | FENCEGRD | 9.99E-08 | 9.54E-08 | 9.05E-08 | 8.66E-08 | 4.94E-09 | 1.92E-08 | 1.54E-09 | 1.50E-09 | 1.47E-09 | 1.43E-09 |
| 167572.282427453390 | 167572.28 | 3908684.41 | FENCEGRD | 9.13E-08 | 8.70E-08 | 8.24E-08 | 7.88E-08 | 4.53E-09 | 1.70E-08 | 1.38E-09 | 1.35E-09 | 1.32E-09 | 1.29E-09 |
| 167551.384427453390 | 167551.38 | 3908697.49 | FENCEGRD | 8.22E-08 | 7.83E-08 | 7.40E-08 | 7.07E-08 | 4.16E-09 | 1.52E-08 | 1.24E-09 | 1.21E-09 | 1.18E-09 | 1.15E-09 |
| 167653.555952718390 | 167653.56 | 3908591.98 | FENCEGRD | 1.16E-07 | 1.10E-07 | 1.04E-07 | 9.99E-08 | 5.98E-09 | 2.79E-08 | 1.97E-09 | 1.92E-09 | 1.87E-09 | 1.83E-09 |
| 167677.770592492390 | 167677.77 | 3908594.27 | FENCEGRD | 1.33E-07 | 1.26E-07 | 1.19E-07 | 1.14E-07 | 6.83E-09 | 3.39E-08 | 2.32E-09 | 2.25E-09 | 2.19E-09 | 2.13E-09 |
| 167701.985232266390 | 167701.99 | 3908596.56 | FENCEGRD | 1.55E-07 | 1.47E-07 | 1.39E-07 | 1.32E-07 | 7.84E-09 | 4.23E-08 | 2.75E-09 | 2.67E-09 | 2.59E-09 | 2.52E-09 |
| 167726.199872043908 | 167726.20 | 3908598.85 | FENCEGRD | 1.79E-07 | 1.71E-07 | 1.62E-07 | 1.54E-07 | 8.97E-09 | 5.09E-08 | 3.25E-09 | 3.16E-09 | 3.07E-09 | 2.99E-09 |
| 167750.414511815390 | 167750.41 | 3908601.14 | FENCEGRD | 1.94E-07 | 1.88E-07 | 1.81E-07 | 1.76E-07 | 1.02E-08 | 5.85E-08 | 3.63E-09 | 3.57E-09 | 3.50E-09 | 3.44E-09 |
| 167774.629151589390 | 167774.63 | 3908603.43 | FENCEGRD | 2.09E-07 | 2.02E-07 | 1.94E-07 | 1.88E-07 | 1.10E-08 | 6.71E-08 | 3.89E-09 | 3.83E-09 | 3.75E-09 | 3.68E-09 |
| 167798.843791363390 | 167798.84 | 3908605.72 | FENCEGRD | 2.25E-07 | 2.17E-07 | 2.10E-07 | 2.03E-07 | 1.15E-08 | 7.76E-08 | 4.19E-09 | 4.12E-09 | 4.04E-09 | 3.96E-09 |
| 167823.058431138390 | 167823.06 | 3908608.00 | FENCEGRD | 2.43E-07 | 2.36E-07 | 2.28E-07 | 2.21E-07 | 1.22E-08 | 9.01E-08 | 4.54E-09 | 4.47E-09 | 4.39E-09 | 4.31E-09 |
| 167847.273070912390 | 167847.27 | 3908610.29 | FENCEGRD | 2.62E-07 | 2.55E-07 | 2.48E-07 | 2.41E-07 | 1.31E-08 | 1.04E-07 | 4.92E-09 | 4.85E-09 | 4.77E-09 | 4.70E-09 |
| 167871.487710686390 | 167871.49 | 3908612.58 | FENCEGRD | 2.78E-07 | 2.72E-07 | 2.65E-07 | 2.59E-07 | 1.38E-08 | 1.16E-07 | 5.25E-09 | 5.18E-09 | 5.12E-09 | 5.05E-09 |
| 167895.702350461390 | 167895.70 | 3908614.87 | FENCEGRD | 2.91E-07 | 2.86E-07 | 2.80E-07 | 2.75E-07 | 1.45E-08 | 1.28E-07 | 5.55E-09 | 5.49E-09 | 5.43E-09 | 5.37E-09 |
| 167919.916990235390 | 167919.92 | 3908617.16 | FENCEGRD | 3.03E-07 | 2.98E-07 | 2.93E-07 | 2.88E-07 | 1.51E-08 | 1.38E-07 | 5.81E-09 | 5.76E-09 | 5.70E-09 | 5.65E-09 |
| 167944.131630009390 | 167944.13 | 3908619.45 | FENCEGRD | 3.11E-07 | 3.07E-07 | 3.02E-07 | 2.98E-07 | 1.56E-08 | 1.48E-07 | 6.03E-09 | 5.98E-09 | 5.93E-09 | 5.88E-09 |
| 167968.346269784390 | 167968.35 | 3908621.74 | FENCEGRD | 3.28E-07 | 3.23E-07 | 3.18E-07 | 3.14E-07 | 1.65E-08 | 1.60E-07 | 6.42E-09 | 6.37E-09 | 6.31E-09 | 6.26E-09 |
| 167996.659529421390 | 167996.66 | 3908648.00 | FENCEGRD | 3.84E-07 | 3.80E-07 | 3.75E-07 | 3.71E-07 | 1.95E-08 | 1.92E-07 | 7.75E-09 | 7.70E-09 | 7.64E-09 | 7.60E-09 |
| 168000.758149285390 | 168000.76 | 3908671.98 | FENCEGRD | 4.18E-07 | 4.13E-07 | 4.09E-07 | 4.04E-07 | 2.07E-08 | 2.04E-07 | 8.37E-09 | 8.33E-09 | 8.27E-09 | 8.22E-09 |
| 168004.856769148390 | 168004.86 | 3908695.95 | FENCEGRD | 4.50E-07 | 4.46E-07 | 4.42E-07 | 4.37E-07 | 2.21E-08 | 2.10E-07 | 8.92E-09 | 8.87E-09 | 8.82E-09 | 8.77E-09 |
| 168008.955389012390 | 168008.96 | 3908719.92 | FENCEGRD | 4.78E-07 | 4.75E-07 | 4.72E-07 | 4.68E-07 | 2.31E-08 | 2.06E-07 | 9.33E-09 | 9.28E-09 | 9.23E-09 | 9.18E-09 |
| 168013.054008875390 | 168013.05 | 3908743.90 | FENCEGRD | 5.02E-07 | 5.01E-07 | 4.99E-07 | 4.97E-07 | 2.39E-08 | 1.97E-07 | 9.69E-09 | 9.65E-09 | 9.61E-09 | 9.56E-09 |
| 168017.152628739390 | 168017.15 | 3908767.87 | FENCEGRD | 5.26E-07 | 5.27E-07 | 5.29E-07 | 5.29E-07 | 2.53E-08 | 1.85E-07 | 1.02E-08 | 1.02E-08 | 1.01E-08 | 1.01E-08 |
| 168021.251248602390 | 168021.25 | 3908791.85 | FENCEGRD | 5.40E-07 | 5.45E-07 | 5.50E-07 | 5.54E-07 | 2.65E-08 | 1.71E-07 | 1.05E-08 | 1.05E-08 | 1.05E-08 | 1.05E-08 |
| 168025.349868465390 | 168025.35 | 3908815.82 | FENCEGRD | 5.44E-07 | 5.53E-07 | 5.62E-07 | 5.69E-07 | 2.76E-08 | 1.56E-07 | 1.07E-08 | 1.07E-08 | 1.08E-08 | 1.08E-08 |
| 168029.448488329390 | 168029.45 | 3908839.80 | FENCEGRD | 5.37E-07 | 5.49E-07 | 5.63E-07 | 5.73E-07 | 2.86E-08 | 1.41E-07 | 1.07E-08 | 1.08E-08 | 1.08E-08 | 1.09E-08 |
| 168033.547108192390 | 168033.55 | 3908863.77 | FENCEGRD | 5.21E-07 | 5.36E-07 | 5.53E-07 | 5.67E-07 | 2.94E-08 | 1.27E-07 | 1.05E-08 | 1.07E-08 | 1.08E-08 | 1.09E-08 |
| 168037.645728056390 | 168037.65 | 3908887.75 | FENCEGRD | 4.94E-07 | 5.11E-07 | 5.31E-07 | 5.47E-07 | 2.99E-08 | 1.13E-07 | 1.02E-08 | 1.04E-08 | 1.05E-08 | 1.06E-08 |
| 168041.744347919390 | 168041.74 | 3908911.72 | FENCEGRD | 4.55E-07 | 4.74E-07 | 4.96E-07 | 5.15E-07 | 2.99E-08 | 1.01E-07 | 9.74E-09 | 9.89E-09 | 1.00E-08 | 1.02E-08 |
| 168045.842967783390 | 168045.84 | 3908935.70 | FENCEGRD | 4.04E-07 | 4.25E-07 | 4.48E-07 | 4.69E-07 | 2.95E-08 | 8.98E-08 | 9.08E-09 | 9.25E-09 | 9.42E-09 | 9.58E-09 |
| 168049.941587646390 | 168049.94 | 3908959.67 | FENCEGRD | 3.48E-07 | 3.67E-07 | 3.90E-07 | 4.11E-07 | 2.88E-08 | 7.97E-08 | 8.28E-09 | 8.45E-09 | 8.63E-09 | 8.81E-09 |
| 167629.341312943390 | 167629.34 | 3908589.69 | FENCEGRD | 1.02E-07 | 9.77E-08 | 9.30E-08 | 8.93E-08 | 5.29E-09 | 2.34E-08 | 1.71E-09 | 1.67E-09 | 1.63E-09 | 1.59E-09 |
| 167608.443312943390 | 167608.44 | 3908602.78 | FENCEGRD | 9.52E-08 | 9.12E-08 | 8.70E-08 | 8.36E-08 | 4.86E-09 | 2.05E-08 | 1.55E-09 | 1.52E-09 | 1.48E-09 | 1.45E-09 |
| 167587.545312943390 | 167587.55 | 3908615.86 | FENCEGRD | 8.85E-08 | 8.48E-08 | 8.09E-08 | 7.76E-08 | 4.48E-09 | 1.81E-08 | 1.41E-09 | 1.38E-09 | 1.35E-09 | 1.33E-09 |
| 167566.647312943390 | 167566.65 | 3908628.95 | FENCEGRD | 8.16E-08 | 7.82E-08 | 7.44E-08 | 7.13E-08 | 4.13E-09 | 1.60E-08 | 1.29E-09 | 1.26E-09 | 1.23E-09 | 1.20E-09 |
| 167545.749312943390 | 167545.75 | 3908642.03 | FENCEGRD | 7.44E-08 | 7.12E-08 | 6.76E-08 | 6.48E-08 | 3.83E-09 | 1.43E-08 | 1.16E-09 | 1.14E-09 | 1.11E-09 | 1.08E-09 |
| 167524.851312943390 | 167524.85 | 3908655.11 | FENCEGRD | 6.74E-08 | 6.44E-08 | 6.12E-08 | 5.88E-08 | 3.56E-09 | 1.29E-08 | 1.04E-09 | 1.01E-09 | 9.89E-10 | 9.67E-10 |
| 167600.489723699390 | 167600.49 | 3908507.23 | FENCEGRD | 8.02E-08 | 7.74E-08 | 7.43E-08 | 7.18E-08 | 4.28E-09 | 1.96E-08 | 1.40E-09 | 1.37E-09 | 1.34E-09 | 1.32E-09 |
| 167624.704363473390 | 167624.70 | 3908509.51 | FENCEGRD | 8.68E-08 | 8.37E-08 | 8.02E-08 | 7.74E-08 | 4.70E-09 | 2.22E-08 | 1.54E-09 | 1.51E-09 | 1.48E-09 | 1.45E-09 |
| 167648.919003247390 | 167648.92 | 3908511.80 | FENCEGRD | 9.54E-08 | 9.16E-08 | 8.76E-08 | 8.43E-08 | 5.21E-09 | 2.56E-08 | 1.73E-09 | 1.69E-09 | 1.65E-09 | 1.61E-09 |
| 167673.133643022390 | 167673.13 | 3908514.09 | FENCEGRD | 1.06E-07 | 1.02E-07 | 9.70E-08 | 9.31E-08 | 5.82E-09 | 2.98E-08 | 1.96E-09 | 1.91E-09 | 1.87E-09 | 1.82E-09 |
| 167697.348282796390 | 167697.35 | 3908516.38 | FENCEGRD | 1.19E-07 | 1.14E-07 | 1.08E-07 | 1.04E-07 | 6.49E-09 | 3.50E-08 | 2.24E-09 | 2.18E-09 | 2.12E-09 | 2.07E-09 |
| 167721.562922573908 | 167721.56 | 3908518.67 | FENCEGRD | 1.34E-07 | 1.29E-07 | 1.22E-07 | 1.17E-07 | 7.27E-09 | 4.15E-08 | 2.57E-09 | 2.50E-09 | 2.44E-09 | 2.38E-09 |
| 167745.777562345390 | 167745.78 | 3908520.96 | FENCEGRD | 1.48E-07 | 1.44E-07 | 1.39E-07 | 1.33E-07 | 8.24E-09 | 4.71E-08 | 2.95E-09 | 2.90E-09 | 2.83E-09 | 2.77E-09 |
| 167769.992202119390 | 167769.99 | 3908523.25 | FENCEGRD | 1.58E-07 | 1.53E-07 | 1.48E-07 | 1.44E-07 | 9.14E-09 | 5.22E-08 | 3.14E-09 | 3.09E-09 | 3.03E-09 | 2.98E-09 |
| 167794.206841893390 | 167794.21 | 3908525.54 | FENCEGRD | 1.68E-07 | 1.63E-07 | 1.57E-07 | 1.53E-07 | 9.48E-09 | 5.84E-08 | 3.34E-09 | 3.29E-09 | 3.23E-09 | 3.17E-09 |
| 167818.421481668390 | 167818.42 | 3908527.82 | FENCEGRD | 1.82E-07 | 1.77E-07 | 1.71E-07 | 1.67E-07 | 1.01E-08 | 6.69E-08 | 3.64E-09 | 3.58E-09 | 3.52E-09 | 3.46E-09 |
| 167842.636121442390 | 167842.64 | 3908530.11 | FENCEGRD | 1.98E-07 | 1.93E-07 | 1.88E-07 | 1.83E-07 | 1.09E-08 | 7.67E-08 | 3.97E-09 | 3.92E-09 | 3.85E-09 | 3.80E-09 |
| 167866.850761216390 | 167866.85 | 3908532.40 | FENCEGRD | 2.13E-07 | 2.08E-07 | 2.02E-07 | 1.98E-07 | 1.16E-08 | 8.64E-08 | 4.28E-09 | 4.22E-09 | 4.16E-09 | 4.11E-09 |
| 167891.065400991390 | 167891.07 | 3908534.69 | FENCEGRD | 2.26E-07 | 2.21E-07 | 2.16E-07 | 2.12E-07 | 1.22E-08 | 9.58E-08 | 4.56E-09 | 4.51E-09 | 4.46E-09 | 4.41E-09 |
| 167915.280040765390 | 167915.28 | 3908536.98 | FENCEGRD | 2.37E-07 | 2.32E-07 | 2.28E-07 | 2.24E-07 | 1.28E-08 | 1.04E-07 | 4.82E-09 | 4.78E-09 | 4.73E-09 | 4.68E-09 |
| 167939.494680539390 | 167939.49 | 3908539.27 | FENCEGRD | 2.47E-07 | 2.44E-07 | 2.40E-07 | 2.36E-07 | 1.35E-08 | 1.13E-07 | 5.08E-09 | 5.04E-09 | 4.99E-09 | 4.95E-09 |
| 167963.709320314390 | 167963.71 | 3908541.56 | FENCEGRD | 2.58E-07 | 2.54E-07 | 2.51E-07 | 2.47E-07 | 1.41E-08 | 1.21E-07 | 5.34E-09 | 5.30E-09 | 5.26E-09 | 5.22E-09 |
| 167987.923960088390 | 167987.92 | 3908543.84 | FENCEGRD | 2.69E-07 | 2.66E-07 | 2.63E-07 | 2.60E-07 | 1.49E-08 | 1.31E-07 | 5.67E-09 | 5.64E-09 | 5.60E-09 | 5.56E-09 |
| 168012.138599862390 | 168012.14 | 3908546.13 | FENCEGRD | 2.86E-07 | 2.83E-07 | 2.79E-07 | 2.75E-07 | 1.57E-08 | 1.46E-07 | 6.25E-09 | 6.22E-09 | 6.18E-09 | 6.12E-09 |
| 168036.353239637390 | 168036.35 | 3908548.42 | FENCEGRD | 2.94E-07 | 2.88E-07 | 2.82E-07 | 2.76E-07 | 1.57E-08 | 1.57E-07 | 6.40E-09 | 6.31E-09 | 6.23E-09 | 6.15E-09 |
| 168064.666499274390 | 168064.67 | 3908574.69 | FENCEGRD | 3.23E-07 | 3.18E-07 | 3.12E-07 | 3.06E-07 | 1.73E-08 | 1.72E-07 | 7.13E-09 | 7.06E-09 | 6.98E-09 | 6.89E-09 |
| 168068.765119138390 | 168068.77 | 3908598.66 | FENCEGRD | 3.44E-07 | 3.41E-07 | 3.37E-07 | 3.32 | | | | | | |

0<2 Dose

| | | | | 0<2 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167471.785083924390 | 167471.79 | 3908570.36 | FENCEGRD | 5.09E-08 | 4.90E-08 | 4.69E-08 | 4.53E-08 | 2.84E-09 | 1.05E-08 | 7.97E-10 | 7.81E-10 | 7.64E-10 | 7.49E-10 |
| 167547.423494683908 | 167547.42 | 3908422.47 | FENCEGRD | 5.66E-08 | 5.57E-08 | 5.49E-08 | 5.43E-08 | 3.52E-09 | 1.43E-08 | 1.08E-09 | 1.07E-09 | 1.06E-09 | 1.05E-09 |
| 167571.638134454390 | 167571.64 | 3908424.76 | FENCEGRD | 6.18E-08 | 6.09E-08 | 6.02E-08 | 5.96E-08 | 3.83E-09 | 1.60E-08 | 1.18E-09 | 1.17E-09 | 1.16E-09 | 1.15E-09 |
| 167595.852774228390 | 167595.85 | 3908427.04 | FENCEGRD | 6.71E-08 | 6.63E-08 | 6.56E-08 | 6.52E-08 | 4.14E-09 | 1.81E-08 | 1.30E-09 | 1.29E-09 | 1.27E-09 | 1.26E-09 |
| 167620.067414003390 | 167620.07 | 3908429.33 | FENCEGRD | 7.28E-08 | 7.18E-08 | 7.11E-08 | 7.05E-08 | 4.46E-09 | 2.04E-08 | 1.43E-09 | 1.41E-09 | 1.40E-09 | 1.39E-09 |
| 167644.282053777390 | 167644.28 | 3908431.62 | FENCEGRD | 7.93E-08 | 7.81E-08 | 7.72E-08 | 7.54E-08 | 4.84E-09 | 2.31E-08 | 1.58E-09 | 1.56E-09 | 1.54E-09 | 1.52E-09 |
| 167668.496693551390 | 167668.50 | 3908433.91 | FENCEGRD | 8.72E-08 | 8.57E-08 | 8.33E-08 | 8.08E-08 | 5.26E-09 | 2.63E-08 | 1.76E-09 | 1.73E-09 | 1.70E-09 | 1.67E-09 |
| 167692.711333325390 | 167692.71 | 3908436.20 | FENCEGRD | 9.68E-08 | 9.39E-08 | 9.03E-08 | 8.71E-08 | 5.72E-09 | 3.00E-08 | 1.95E-09 | 1.91E-09 | 1.87E-09 | 1.83E-09 |
| 167716.925973139084 | 167716.93 | 3908438.49 | FENCEGRD | 1.07E-07 | 1.03E-07 | 9.85E-08 | 9.48E-08 | 6.23E-09 | 3.43E-08 | 2.17E-09 | 2.12E-09 | 2.07E-09 | 2.03E-09 |
| 167741.140612874390 | 167741.14 | 3908440.78 | FENCEGRD | 1.17E-07 | 1.13E-07 | 1.08E-07 | 1.04E-07 | 6.81E-09 | 3.90E-08 | 2.41E-09 | 2.36E-09 | 2.30E-09 | 2.25E-09 |
| 167765.355252648390 | 167765.36 | 3908443.07 | FENCEGRD | 1.26E-07 | 1.23E-07 | 1.19E-07 | 1.15E-07 | 7.52E-09 | 4.36E-08 | 2.66E-09 | 2.62E-09 | 2.58E-09 | 2.53E-09 |
| 167789.569892423390 | 167789.57 | 3908445.35 | FENCEGRD | 1.34E-07 | 1.30E-07 | 1.27E-07 | 1.24E-07 | 8.28E-09 | 4.80E-08 | 2.83E-09 | 2.80E-09 | 2.75E-09 | 2.71E-09 |
| 167813.784532197390 | 167813.78 | 3908447.64 | FENCEGRD | 1.44E-07 | 1.41E-07 | 1.37E-07 | 1.33E-07 | 8.76E-09 | 5.38E-08 | 3.06E-09 | 3.02E-09 | 2.97E-09 | 2.93E-09 |
| 167837.999171971390 | 167838.00 | 3908449.93 | FENCEGRD | 1.55E-07 | 1.51E-07 | 1.47E-07 | 1.43E-07 | 9.27E-09 | 6.01E-08 | 3.29E-09 | 3.24E-09 | 3.19E-09 | 3.15E-09 |
| 167862.213811746390 | 167862.21 | 3908452.22 | FENCEGRD | 1.68E-07 | 1.63E-07 | 1.59E-07 | 1.56E-07 | 9.95E-09 | 6.79E-08 | 3.57E-09 | 3.53E-09 | 3.48E-09 | 3.44E-09 |
| 167886.428451523908 | 167886.43 | 3908454.51 | FENCEGRD | 1.80E-07 | 1.76E-07 | 1.72E-07 | 1.68E-07 | 1.06E-08 | 7.59E-08 | 3.86E-09 | 3.81E-09 | 3.77E-09 | 3.72E-09 |
| 167910.643091294390 | 167910.64 | 3908456.80 | FENCEGRD | 1.90E-07 | 1.87E-07 | 1.83E-07 | 1.80E-07 | 1.12E-08 | 8.35E-08 | 4.12E-09 | 4.08E-09 | 4.03E-09 | 3.99E-09 |
| 167934.857731068390 | 167934.86 | 3908459.09 | FENCEGRD | 2.01E-07 | 1.97E-07 | 1.94E-07 | 1.90E-07 | 1.19E-08 | 9.10E-08 | 4.37E-09 | 4.34E-09 | 4.29E-09 | 4.26E-09 |
| 167959.072370843390 | 167959.07 | 3908461.38 | FENCEGRD | 2.11E-07 | 2.08E-07 | 2.05E-07 | 2.02E-07 | 1.26E-08 | 9.96E-08 | 4.69E-09 | 4.65E-09 | 4.62E-09 | 4.59E-09 |
| 167983.287010617390 | 167983.29 | 3908463.66 | FENCEGRD | 2.21E-07 | 2.19E-07 | 2.15E-07 | 2.12E-07 | 1.29E-08 | 1.08E-07 | 5.00E-09 | 4.98E-09 | 4.94E-09 | 4.89E-09 |
| 168007.501650391390 | 168007.50 | 3908465.95 | FENCEGRD | 2.29E-07 | 2.24E-07 | 2.19E-07 | 2.14E-07 | 1.30E-08 | 1.17E-07 | 5.13E-09 | 5.07E-09 | 5.01E-09 | 4.94E-09 |
| 168031.716290166390 | 168031.72 | 3908468.24 | FENCEGRD | 2.30E-07 | 2.25E-07 | 2.20E-07 | 2.16E-07 | 1.30E-08 | 1.19E-07 | 5.16E-09 | 5.09E-09 | 5.03E-09 | 4.98E-09 |
| 168055.930929943908 | 168055.93 | 3908470.53 | FENCEGRD | 2.34E-07 | 2.29E-07 | 2.24E-07 | 2.20E-07 | 1.33E-08 | 1.24E-07 | 5.29E-09 | 5.22E-09 | 5.16E-09 | 5.10E-09 |
| 168080.145569714390 | 168080.15 | 3908472.82 | FENCEGRD | 2.38E-07 | 2.34E-07 | 2.29E-07 | 2.24E-07 | 1.36E-08 | 1.28E-07 | 5.43E-09 | 5.36E-09 | 5.30E-09 | 5.25E-09 |
| 168104.360209489390 | 168104.36 | 3908475.11 | FENCEGRD | 2.43E-07 | 2.38E-07 | 2.33E-07 | 2.29E-07 | 1.40E-08 | 1.33E-07 | 5.59E-09 | 5.53E-09 | 5.47E-09 | 5.40E-09 |
| 168132.673469126390 | 168132.67 | 3908501.37 | FENCEGRD | 2.68E-07 | 2.64E-07 | 2.59E-07 | 2.55E-07 | 1.55E-08 | 1.51E-07 | 6.29E-09 | 6.22E-09 | 6.15E-09 | 6.08E-09 |
| 168136.772088993908 | 168136.77 | 3908525.35 | FENCEGRD | 2.88E-07 | 2.84E-07 | 2.79E-07 | 2.74E-07 | 1.65E-08 | 1.59E-07 | 6.76E-09 | 6.68E-09 | 6.61E-09 | 6.54E-09 |
| 168140.870708853390 | 168140.87 | 3908549.32 | FENCEGRD | 3.06E-07 | 3.03E-07 | 2.99E-07 | 2.94E-07 | 1.76E-08 | 1.64E-07 | 7.19E-09 | 7.13E-09 | 7.07E-09 | 7.00E-09 |
| 168144.969328717390 | 168144.97 | 3908573.30 | FENCEGRD | 3.24E-07 | 3.21E-07 | 3.16E-07 | 3.12E-07 | 1.84E-08 | 1.70E-07 | 7.57E-09 | 7.50E-09 | 7.43E-09 | 7.36E-09 |
| 168149.067948583908 | 168149.07 | 3908597.27 | FENCEGRD | 3.41E-07 | 3.39E-07 | 3.37E-07 | 3.35E-07 | 1.97E-08 | 1.71E-07 | 7.96E-09 | 7.94E-09 | 7.92E-09 | 7.88E-09 |
| 168153.166568444390 | 168153.17 | 3908621.24 | FENCEGRD | 3.54E-07 | 3.54E-07 | 3.53E-07 | 3.52E-07 | 2.09E-08 | 1.66E-07 | 8.07E-09 | 8.06E-09 | 8.05E-09 | 8.04E-09 |
| 168157.265188307390 | 168157.27 | 3908645.22 | FENCEGRD | 3.66E-07 | 3.67E-07 | 3.68E-07 | 3.68E-07 | 2.15E-08 | 1.62E-07 | 8.27E-09 | 8.28E-09 | 8.27E-09 | 8.27E-09 |
| 168161.363808171390 | 168161.36 | 3908669.19 | FENCEGRD | 3.78E-07 | 3.80E-07 | 3.82E-07 | 3.83E-07 | 2.24E-08 | 1.57E-07 | 8.54E-09 | 8.55E-09 | 8.56E-09 | 8.57E-09 |
| 168165.462428034390 | 168165.46 | 3908693.17 | FENCEGRD | 3.82E-07 | 3.86E-07 | 3.90E-07 | 3.93E-07 | 2.30E-08 | 1.49E-07 | 8.60E-09 | 8.63E-09 | 8.66E-09 | 8.68E-09 |
| 168169.561047897390 | 168169.56 | 3908717.14 | FENCEGRD | 3.81E-07 | 3.86E-07 | 3.92E-07 | 3.97E-07 | 2.33E-08 | 1.38E-07 | 8.56E-09 | 8.61E-09 | 8.65E-09 | 8.69E-09 |
| 168173.659667761390 | 168173.66 | 3908741.12 | FENCEGRD | 3.75E-07 | 3.81E-07 | 3.89E-07 | 3.95E-07 | 2.37E-08 | 1.27E-07 | 8.46E-09 | 8.52E-09 | 8.58E-09 | 8.63E-09 |
| 168177.758287624390 | 168177.76 | 3908765.09 | FENCEGRD | 3.70E-07 | 3.78E-07 | 3.87E-07 | 3.95E-07 | 2.42E-08 | 1.19E-07 | 8.41E-09 | 8.49E-09 | 8.56E-09 | 8.63E-09 |
| 168181.856907488390 | 168181.86 | 3908789.07 | FENCEGRD | 3.65E-07 | 3.74E-07 | 3.85E-07 | 3.93E-07 | 2.47E-08 | 1.10E-07 | 8.35E-09 | 8.44E-09 | 8.52E-09 | 8.60E-09 |
| 168185.955527351390 | 168185.96 | 3908813.04 | FENCEGRD | 3.51E-07 | 3.61E-07 | 3.73E-07 | 3.83E-07 | 2.48E-08 | 1.01E-07 | 8.11E-09 | 8.21E-09 | 8.31E-09 | 8.40E-09 |
| 168190.054147215390 | 168190.05 | 3908837.02 | FENCEGRD | 3.31E-07 | 3.42E-07 | 3.54E-07 | 3.65E-07 | 2.45E-08 | 9.17E-08 | 7.76E-09 | 7.86E-09 | 7.97E-09 | 8.07E-09 |
| 168194.152767078390 | 168194.15 | 3908860.99 | FENCEGRD | 3.06E-07 | 3.18E-07 | 3.31E-07 | 3.43E-07 | 2.41E-08 | 8.28E-08 | 7.34E-09 | 7.45E-09 | 7.57E-09 | 7.68E-09 |
| 168198.251386942390 | 168198.25 | 3908884.97 | FENCEGRD | 2.80E-07 | 2.92E-07 | 3.06E-07 | 3.18E-07 | 2.36E-08 | 7.49E-08 | 6.88E-09 | 7.00E-09 | 7.12E-09 | 7.23E-09 |
| 168202.350006805390 | 168202.35 | 3908908.94 | FENCEGRD | 2.47E-07 | 2.58E-07 | 2.71E-07 | 2.83E-07 | 2.26E-08 | 6.67E-08 | 6.25E-09 | 6.36E-09 | 6.48E-09 | 6.60E-09 |
| 168206.448626668390 | 168206.45 | 3908932.92 | FENCEGRD | 2.16E-07 | 2.26E-07 | 2.38E-07 | 2.48E-07 | 2.14E-08 | 5.96E-08 | 5.62E-09 | 5.73E-09 | 5.84E-09 | 5.95E-09 |
| 168210.547246532390 | 168210.55 | 3908956.89 | FENCEGRD | 1.92E-07 | 2.00E-07 | 2.10E-07 | 2.19E-07 | 2.02E-08 | 5.37E-08 | 5.05E-09 | 5.14E-09 | 5.24E-09 | 5.34E-09 |
| 168214.645866395390 | 168214.65 | 3908980.87 | FENCEGRD | 1.73E-07 | 1.80E-07 | 1.88E-07 | 1.96E-07 | 1.90E-08 | 4.86E-08 | 4.54E-09 | 4.62E-09 | 4.70E-09 | 4.79E-09 |
| 168218.744486259390 | 168218.74 | 3909004.84 | FENCEGRD | 1.55E-07 | 1.61E-07 | 1.68E-07 | 1.75E-07 | 1.75E-08 | 4.41E-08 | 4.08E-09 | 4.15E-09 | 4.22E-09 | 4.29E-09 |
| 168222.843106122390 | 168222.84 | 3909028.82 | FENCEGRD | 1.38E-07 | 1.43E-07 | 1.50E-07 | 1.55E-07 | 1.60E-08 | 4.01E-08 | 3.69E-09 | 3.75E-09 | 3.81E-09 | 3.86E-09 |
| 168226.941725986390 | 168226.94 | 3909052.79 | FENCEGRD | 1.22E-07 | 1.27E-07 | 1.32E-07 | 1.37E-07 | 1.45E-08 | 3.67E-08 | 3.36E-09 | 3.41E-09 | 3.46E-09 | 3.51E-09 |
| 167523.208854905390 | 167523.21 | 3908420.18 | FENCEGRD | 5.16E-08 | 5.07E-08 | 4.99E-08 | 4.92E-08 | 3.26E-09 | 1.27E-08 | 9.87E-10 | 9.77E-10 | 9.65E-10 | 9.54E-10 |
| 167502.310854905390 | 167502.31 | 3908433.26 | FENCEGRD | 5.03E-08 | 4.95E-08 | 4.87E-08 | 4.82E-08 | 3.23E-09 | 1.20E-08 | 9.46E-10 | 9.36E-10 | 9.24E-10 | 9.14E-10 |
| 167481.412854905390 | 167481.41 | 3908446.35 | FENCEGRD | 4.93E-08 | 4.86E-08 | 4.81E-08 | 4.75E-08 | 3.06E-09 | 1.14E-08 | 9.06E-10 | 8.97E-10 | 8.85E-10 | 8.74E-10 |
| 167460.514854905390 | 167460.51 | 3908459.43 | FENCEGRD | 4.87E-08 | 4.75E-08 | 4.59E-08 | 4.44E-08 | 2.84E-09 | 1.08E-08 | 8.41E-10 | 8.28E-10 | 8.11E-10 | 7.95E-10 |
| 167439.616854905390 | 167439.62 | 3908472.51 | FENCEGRD | 4.59E-08 | 4.44E-08 | 4.27E-08 | 4.13E-08 | 2.62E-09 | 1.02E-08 | 7.58E-10 | 7.43E-10 | 7.28E-10 | 7.14E-10 |
| 167418.718854905390 | 167418.72 | 3908485.60 | FENCEGRD | 4.28E-08 | 4.14E-08 | 3.98E-08 | 3.86E-08 | 2.41E-09 | 9.48E-09 | 6.83E-10 | 6.70E-10 | 6.57E-10 | 6.45E-10 |
| 167494.357265661390 | 167494.36 | 3908337.71 | FENCEGRD | 3.36E-08 | 3.29E-08 | 3.22E-08 | 3.17E-08 | 2.37E-09 | 9.69E-09 | 7.23E-10 | 7.14E-10 | 7.04E-10 | 6.95E-10 |
| 167518.571905435390 | 167518.57 | 3908340.00 | FENCEGRD | 3.74E-08 | 3.67E-08 | 3.60E-08 | 3.54E-08 | 2.54E-09 | 1.08E-08 | 7.93E-10 | 7.84E-10 | 7.74E-10 | 7.65E-10 |
| 167542.786545209390 | 167542.79 | 3908342.29 | FENCEGRD | 4.13E-08 | 4.06E-08 | 3.99E-08 | 3.93E-08 | 2.73E-09 | 1.20E-08 | 8.63E-10 | 8.54E-10 | 8.45E-10 | 8.36E-10 |
| 167567.001184984390 | 167567.00 | 3908344.57 | FENCEGRD | 4.50E-08 | 4.43E-08 | 4.36E-08 | 4.31E-08 | 2.94E-09 | 1.33E-08 | 9.32E-10 | 9.24E-10 | 9.14E-10 | 9.06E-10 |
| 167591.215824758390 | 167591.22 | 3908346.86 | FENCEGRD | 4.84E-08 | 4.77E-08 | 4.71E-08 | 4.66E-08 | 3.17E-09 | 1.47E-08 | 1.00E-09 | 9.96E-10 | 9.85E-10 | 9.76E-10 |
| 167615.430464532390 | 167615.43 | 3908349.15 | FENCEGRD | 5.19E-08 | 5.11E-08 | 5.04E-08 | 4.98E-08 | 3.44E-09 | 1.63E-08 | 1.09E-09 | 1.07E-09 | 1.06E-09 | 1.05E-09 |
| 167639.645104307390 | 167639.65 | 3908351.44 | FENCEGRD | 5.57E-08 | 5.48E-08 | 5.38E-08 | 5.32 | | | | | | |

0<2 Dose

| | | | | 0<2 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168200.680438979390 | 168200.68 | 3908428.06 | FENCEGRD | 2.30E-07 | 2.26E-07 | 2.23E-07 | 2.19E-07 | 1.43E-08 | 1.33E-07 | 5.72E-09 | 5.66E-09 | 5.61E-09 | 5.55E-09 |
| 168204.779058843390 | 168204.78 | 3908452.03 | FENCEGRD | 2.44E-07 | 2.41E-07 | 2.37E-07 | 2.34E-07 | 1.51E-08 | 1.39E-07 | 6.07E-09 | 6.01E-09 | 5.96E-09 | 5.90E-09 |
| 168208.877678706390 | 168208.88 | 3908476.01 | FENCEGRD | 2.57E-07 | 2.55E-07 | 2.52E-07 | 2.49E-07 | 1.59E-08 | 1.44E-07 | 6.42E-09 | 6.37E-09 | 6.32E-09 | 6.26E-09 |
| 168212.976298573908 | 168212.98 | 3908499.98 | FENCEGRD | 2.71E-07 | 2.69E-07 | 2.67E-07 | 2.65E-07 | 1.69E-08 | 1.48E-07 | 6.73E-09 | 6.72E-09 | 6.69E-09 | 6.65E-09 |
| 168217.074918433390 | 168217.07 | 3908523.96 | FENCEGRD | 2.84E-07 | 2.82E-07 | 2.81E-07 | 2.79E-07 | 1.80E-08 | 1.48E-07 | 6.91E-09 | 6.90E-09 | 6.88E-09 | 6.87E-09 |
| 168221.173538297390 | 168221.17 | 3908547.93 | FENCEGRD | 2.95E-07 | 2.94E-07 | 2.94E-07 | 2.93E-07 | 1.84E-08 | 1.47E-07 | 7.06E-09 | 7.05E-09 | 7.04E-09 | 7.02E-09 |
| 168225.272158163908 | 168225.27 | 3908571.90 | FENCEGRD | 3.06E-07 | 3.06E-07 | 3.06E-07 | 3.06E-07 | 1.91E-08 | 1.46E-07 | 7.28E-09 | 7.28E-09 | 7.28E-09 | 7.27E-09 |
| 168229.370778023390 | 168229.37 | 3908595.88 | FENCEGRD | 3.16E-07 | 3.17E-07 | 3.18E-07 | 3.19E-07 | 2.00E-08 | 1.46E-07 | 7.55E-09 | 7.56E-09 | 7.56E-09 | 7.57E-09 |
| 168233.469397887390 | 168233.47 | 3908619.85 | FENCEGRD | 3.25E-07 | 3.27E-07 | 3.29E-07 | 3.30E-07 | 2.09E-08 | 1.43E-07 | 7.78E-09 | 7.80E-09 | 7.82E-09 | 7.83E-09 |
| 168237.568017753908 | 168237.57 | 3908643.83 | FENCEGRD | 3.31E-07 | 3.34E-07 | 3.37E-07 | 3.39E-07 | 2.16E-08 | 1.39E-07 | 7.94E-09 | 7.97E-09 | 8.00E-09 | 8.03E-09 |
| 168241.666637614390 | 168241.67 | 3908667.80 | FENCEGRD | 3.33E-07 | 3.37E-07 | 3.42E-07 | 3.45E-07 | 2.23E-08 | 1.33E-07 | 8.01E-09 | 8.06E-09 | 8.10E-09 | 8.14E-09 |
| 168245.765257477390 | 168245.77 | 3908691.78 | FENCEGRD | 3.33E-07 | 3.38E-07 | 3.44E-07 | 3.48E-07 | 2.28E-08 | 1.26E-07 | 8.02E-09 | 8.08E-09 | 8.13E-09 | 8.19E-09 |
| 168249.863877341390 | 168249.86 | 3908715.75 | FENCEGRD | 3.30E-07 | 3.36E-07 | 3.43E-07 | 3.48E-07 | 2.30E-08 | 1.18E-07 | 7.93E-09 | 8.00E-09 | 8.07E-09 | 8.13E-09 |
| 168253.962497204390 | 168253.96 | 3908739.73 | FENCEGRD | 3.20E-07 | 3.27E-07 | 3.35E-07 | 3.41E-07 | 2.28E-08 | 1.08E-07 | 7.68E-09 | 7.75E-09 | 7.82E-09 | 7.90E-09 |
| 168258.061117067390 | 168258.06 | 3908763.70 | FENCEGRD | 3.02E-07 | 3.09E-07 | 3.18E-07 | 3.25E-07 | 2.22E-08 | 9.69E-08 | 7.26E-09 | 7.34E-09 | 7.42E-09 | 7.49E-09 |
| 168262.159736931390 | 168262.16 | 3908787.68 | FENCEGRD | 2.85E-07 | 2.93E-07 | 3.02E-07 | 3.10E-07 | 2.17E-08 | 8.84E-08 | 6.95E-09 | 7.03E-09 | 7.11E-09 | 7.19E-09 |
| 168266.258356794390 | 168266.26 | 3908811.65 | FENCEGRD | 2.66E-07 | 2.75E-07 | 2.85E-07 | 2.93E-07 | 2.13E-08 | 8.07E-08 | 6.62E-09 | 6.70E-09 | 6.79E-09 | 6.87E-09 |
| 168270.356976658390 | 168270.36 | 3908835.63 | FENCEGRD | 2.43E-07 | 2.52E-07 | 2.63E-07 | 2.72E-07 | 2.07E-08 | 7.31E-08 | 6.22E-09 | 6.31E-09 | 6.40E-09 | 6.49E-09 |
| 168274.455596521390 | 168274.46 | 3908859.60 | FENCEGRD | 2.20E-07 | 2.28E-07 | 2.39E-07 | 2.48E-07 | 2.00E-08 | 6.61E-08 | 5.77E-09 | 5.87E-09 | 5.96E-09 | 6.05E-09 |
| 168278.554216385390 | 168278.55 | 3908883.58 | FENCEGRD | 1.99E-07 | 2.08E-07 | 2.18E-07 | 2.26E-07 | 1.94E-08 | 6.01E-08 | 5.34E-09 | 5.43E-09 | 5.53E-09 | 5.62E-09 |
| 168282.652836248390 | 168282.65 | 3908907.55 | FENCEGRD | 1.80E-07 | 1.88E-07 | 1.97E-07 | 2.05E-07 | 1.86E-08 | 5.46E-08 | 4.89E-09 | 4.98E-09 | 5.07E-09 | 5.16E-09 |
| 168286.751456111390 | 168286.75 | 3908931.53 | FENCEGRD | 1.61E-07 | 1.67E-07 | 1.75E-07 | 1.82E-07 | 1.76E-08 | 4.94E-08 | 4.43E-09 | 4.50E-09 | 4.58E-09 | 4.66E-09 |
| 168290.850075975390 | 168290.85 | 3908955.50 | FENCEGRD | 1.44E-07 | 1.49E-07 | 1.56E-07 | 1.62E-07 | 1.64E-08 | 4.48E-08 | 3.99E-09 | 4.06E-09 | 4.13E-09 | 4.19E-09 |
| 168294.948695838390 | 168294.95 | 3908979.48 | FENCEGRD | 1.31E-07 | 1.35E-07 | 1.40E-07 | 1.45E-07 | 1.51E-08 | 4.09E-08 | 3.62E-09 | 3.68E-09 | 3.73E-09 | 3.79E-09 |
| 168299.047315702390 | 168299.05 | 3909003.45 | FENCEGRD | 1.17E-07 | 1.21E-07 | 1.26E-07 | 1.30E-07 | 1.38E-08 | 3.73E-08 | 3.29E-09 | 3.34E-09 | 3.39E-09 | 3.44E-09 |
| 168303.145935565390 | 168303.15 | 3909027.42 | FENCEGRD | 1.04E-07 | 1.08E-07 | 1.13E-07 | 1.17E-07 | 1.26E-08 | 3.42E-08 | 3.03E-09 | 3.07E-09 | 3.11E-09 | 3.15E-09 |
| 168307.244555429390 | 168307.24 | 3909051.40 | FENCEGRD | 9.28E-08 | 9.65E-08 | 1.01E-07 | 1.05E-07 | 1.15E-08 | 3.15E-08 | 2.79E-09 | 2.83E-09 | 2.87E-09 | 2.91E-09 |
| 168311.343175292390 | 168311.34 | 3909075.37 | FENCEGRD | 8.27E-08 | 8.58E-08 | 8.96E-08 | 9.31E-08 | 1.06E-08 | 2.92E-08 | 2.56E-09 | 2.60E-09 | 2.64E-09 | 2.67E-09 |
| 168315.441795156390 | 168315.44 | 3909099.35 | FENCEGRD | 7.41E-08 | 7.68E-08 | 8.00E-08 | 8.30E-08 | 9.74E-09 | 2.72E-08 | 2.34E-09 | 2.37E-09 | 2.40E-09 | 2.44E-09 |
| 167470.142625886390 | 167470.14 | 3908335.42 | FENCEGRD | 3.05E-08 | 2.99E-08 | 2.93E-08 | 2.88E-08 | 2.23E-09 | 8.76E-09 | 6.58E-10 | 6.50E-10 | 6.40E-10 | 6.32E-10 |
| 167449.244625886390 | 167449.24 | 3908348.50 | FENCEGRD | 2.98E-08 | 2.93E-08 | 2.87E-08 | 2.84E-08 | 2.18E-09 | 8.22E-09 | 6.22E-10 | 6.14E-10 | 6.06E-10 | 5.98E-10 |
| 167428.346625886390 | 167428.35 | 3908361.59 | FENCEGRD | 2.90E-08 | 2.85E-08 | 2.81E-08 | 2.77E-08 | 2.10E-09 | 7.74E-09 | 5.85E-10 | 5.78E-10 | 5.71E-10 | 5.64E-10 |
| 167407.448625886390 | 167407.45 | 3908374.67 | FENCEGRD | 2.85E-08 | 2.81E-08 | 2.77E-08 | 2.74E-08 | 2.02E-09 | 7.36E-09 | 5.55E-10 | 5.49E-10 | 5.43E-10 | 5.37E-10 |
| 167386.550625886390 | 167386.55 | 3908387.76 | FENCEGRD | 2.80E-08 | 2.76E-08 | 2.72E-08 | 2.70E-08 | 1.93E-09 | 7.07E-09 | 5.28E-10 | 5.23E-10 | 5.17E-10 | 5.12E-10 |
| 167365.652625886390 | 167365.65 | 3908400.84 | FENCEGRD | 2.69E-08 | 2.65E-08 | 2.62E-08 | 2.60E-08 | 1.82E-09 | 6.78E-09 | 4.98E-10 | 4.93E-10 | 4.87E-10 | 4.83E-10 |
| 167441.291036642390 | 167441.29 | 3908252.95 | FENCEGRD | 2.21E-08 | 2.18E-08 | 2.14E-08 | 2.12E-08 | 1.82E-09 | 7.34E-09 | 5.34E-10 | 5.27E-10 | 5.20E-10 | 5.14E-10 |
| 167465.505676416390 | 167465.51 | 3908255.24 | FENCEGRD | 2.48E-08 | 2.44E-08 | 2.39E-08 | 2.36E-08 | 1.95E-09 | 8.11E-09 | 5.90E-10 | 5.82E-10 | 5.74E-10 | 5.67E-10 |
| 167489.720316193908 | 167489.72 | 3908257.53 | FENCEGRD | 2.80E-08 | 2.75E-08 | 2.70E-08 | 2.66E-08 | 2.09E-09 | 8.98E-09 | 6.49E-10 | 6.41E-10 | 6.33E-10 | 6.25E-10 |
| 167513.934955965390 | 167513.93 | 3908259.82 | FENCEGRD | 3.17E-08 | 3.12E-08 | 3.06E-08 | 3.02E-08 | 2.25E-09 | 9.97E-09 | 7.11E-10 | 7.04E-10 | 6.95E-10 | 6.88E-10 |
| 167538.149595739390 | 167538.15 | 3908262.11 | FENCEGRD | 3.57E-08 | 3.52E-08 | 3.47E-08 | 3.43E-08 | 2.44E-09 | 1.11E-08 | 7.78E-10 | 7.71E-10 | 7.63E-10 | 7.56E-10 |
| 167562.364235513390 | 167562.36 | 3908264.39 | FENCEGRD | 3.96E-08 | 3.91E-08 | 3.86E-08 | 3.82E-08 | 2.66E-09 | 1.24E-08 | 8.49E-10 | 8.42E-10 | 8.35E-10 | 8.28E-10 |
| 167586.578875288390 | 167586.58 | 3908266.68 | FENCEGRD | 4.32E-08 | 4.27E-08 | 4.23E-08 | 4.19E-08 | 2.90E-09 | 1.38E-08 | 9.22E-10 | 9.15E-10 | 9.07E-10 | 9.00E-10 |
| 167610.793515062390 | 167610.79 | 3908268.97 | FENCEGRD | 4.68E-08 | 4.62E-08 | 4.57E-08 | 4.53E-08 | 3.16E-09 | 1.53E-08 | 1.00E-09 | 9.93E-10 | 9.84E-10 | 9.75E-10 |
| 167635.008154836390 | 167635.01 | 3908271.26 | FENCEGRD | 5.04E-08 | 4.96E-08 | 4.90E-08 | 4.86E-08 | 3.45E-09 | 1.69E-08 | 1.09E-09 | 1.08E-09 | 1.07E-09 | 1.06E-09 |
| 167659.222794611390 | 167659.22 | 3908273.55 | FENCEGRD | 5.38E-08 | 5.29E-08 | 5.22E-08 | 5.15E-08 | 3.72E-09 | 1.85E-08 | 1.18E-09 | 1.17E-09 | 1.15E-09 | 1.14E-09 |
| 167683.437434385390 | 167683.44 | 3908275.84 | FENCEGRD | 5.81E-08 | 5.70E-08 | 5.60E-08 | 5.52E-08 | 4.04E-09 | 2.03E-08 | 1.29E-09 | 1.27E-09 | 1.25E-09 | 1.24E-09 |
| 167707.652074159390 | 167707.65 | 3908278.13 | FENCEGRD | 6.31E-08 | 6.19E-08 | 6.05E-08 | 5.95E-08 | 4.39E-09 | 2.25E-08 | 1.41E-09 | 1.39E-09 | 1.37E-09 | 1.36E-09 |
| 167731.866713934390 | 167731.87 | 3908280.41 | FENCEGRD | 6.89E-08 | 6.74E-08 | 6.58E-08 | 6.46E-08 | 4.77E-09 | 2.50E-08 | 1.55E-09 | 1.53E-09 | 1.51E-09 | 1.49E-09 |
| 167756.081353708390 | 167756.08 | 3908282.70 | FENCEGRD | 7.54E-08 | 7.37E-08 | 7.19E-08 | 7.05E-08 | 5.19E-09 | 2.79E-08 | 1.71E-09 | 1.69E-09 | 1.66E-09 | 1.64E-09 |
| 167780.295993482390 | 167780.30 | 3908284.99 | FENCEGRD | 8.29E-08 | 8.09E-08 | 7.90E-08 | 7.74E-08 | 5.67E-09 | 3.14E-08 | 1.89E-09 | 1.87E-09 | 1.84E-09 | 1.82E-09 |
| 167804.510633257390 | 167804.51 | 3908287.28 | FENCEGRD | 9.06E-08 | 8.86E-08 | 8.64E-08 | 8.48E-08 | 6.17E-09 | 3.53E-08 | 2.08E-09 | 2.06E-09 | 2.03E-09 | 2.01E-09 |
| 167828.725273031390 | 167828.73 | 3908289.57 | FENCEGRD | 9.82E-08 | 9.60E-08 | 9.38E-08 | 9.19E-08 | 6.65E-09 | 3.94E-08 | 2.27E-09 | 2.25E-09 | 2.22E-09 | 2.19E-09 |
| 167852.939912805390 | 167852.94 | 3908291.86 | FENCEGRD | 1.06E-07 | 1.03E-07 | 1.01E-07 | 9.90E-08 | 7.11E-09 | 4.37E-08 | 2.46E-09 | 2.43E-09 | 2.40E-09 | 2.37E-09 |
| 167877.154552583908 | 167877.15 | 3908294.15 | FENCEGRD | 1.13E-07 | 1.11E-07 | 1.08E-07 | 1.06E-07 | 7.58E-09 | 4.82E-08 | 2.64E-09 | 2.62E-09 | 2.58E-09 | 2.56E-09 |
| 167901.369192354390 | 167901.37 | 3908296.44 | FENCEGRD | 1.21E-07 | 1.18E-07 | 1.16E-07 | 1.14E-07 | 8.04E-09 | 5.30E-08 | 2.84E-09 | 2.81E-09 | 2.77E-09 | 2.75E-09 |
| 167925.583832128390 | 167925.58 | 3908298.72 | FENCEGRD | 1.28E-07 | 1.26E-07 | 1.23E-07 | 1.21E-07 | 8.53E-09 | 5.81E-08 | 3.03E-09 | 3.01E-09 | 2.97E-09 | 2.94E-09 |
| 167949.798471903390 | 167949.80 | 3908301.01 | FENCEGRD | 1.38E-07 | 1.36E-07 | 1.33E-07 | 1.31E-07 | 9.01E-09 | 6.53E-08 | 3.34E-09 | 3.31E-09 | 3.28E-09 | 3.25E-09 |
| 167974.013111677390 | 167974.01 | 3908303.30 | FENCEGRD | 1.44E-07 | 1.41E-07 | 1.37E-07 | 1.34E-07 | 9.07E-09 | 7.15E-08 | 3.45E-09 | 3.40E-09 | 3.35E-09 | 3.30E-09 |
| 167998.227751451390 | 167998.23 | 3908305.59 | FENCEGRD | 1.47E-07 | 1.44E-07 | 1.40E-07 | 1.37E-07 | 9.20E-09 | 7.32E-08 | 3.50E-09 | 3.45E-09 | 3.41E-09 | 3.37E-09 |
| 168022.442391225390 | 168022.44 | 3908307.88 | FENCEGRD | 1.50E-07 | 1.47E-07 | 1.43E-07 | 1.40E-07 | 9.40E-09 | 7.56E-08 | 3.58E-09 | 3.54E-09 | 3.49E-09 | 3.45E-09 |
| 168046.657031390830 | 168046.66 | 3908310.17 | FENCEGRD | 1.54E-07 | 1.51E-07 | 1.48E-07 | 1.45E-07 | 9.69E-09 | 7.89E-08 | 3.70E-09 | 3.66E-09 | 3.62E-09 | 3.58E-09 |
| 168070.871670774390 | 168070.87 | 3908312.46 | FENCEGRD | 1.58E-07 | 1.55E-07 | 1.52E-07 | 1.49 | | | | | | |

0<2 Dose

| | | | | 0<2 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168330.166706784390 | 168330.17 | 3908714.36 | FENCEGRD | 2.61E-07 | 2.67E-07 | 2.74E-07 | 2.79E-07 | 1.99E-08 | 9.17E-08 | 6.54E-09 | 6.60E-09 | 6.66E-09 | 6.72E-09 |
| 168334.265326647390 | 168334.27 | 3908738.34 | FENCEGRD | 2.47E-07 | 2.54E-07 | 2.61E-07 | 2.67E-07 | 1.95E-08 | 8.42E-08 | 6.26E-09 | 6.32E-09 | 6.39E-09 | 6.45E-09 |
| 168338.363946511390 | 168338.36 | 3908762.31 | FENCEGRD | 2.25E-07 | 2.32E-07 | 2.39E-07 | 2.46E-07 | 1.86E-08 | 7.63E-08 | 5.88E-09 | 5.95E-09 | 6.01E-09 | 6.08E-09 |
| 168342.462566374390 | 168342.46 | 3908786.29 | FENCEGRD | 2.04E-07 | 2.11E-07 | 2.19E-07 | 2.26E-07 | 1.80E-08 | 6.96E-08 | 5.54E-09 | 5.61E-09 | 5.68E-09 | 5.75E-09 |
| 168346.561186237390 | 168346.56 | 3908810.26 | FENCEGRD | 1.88E-07 | 1.95E-07 | 2.03E-07 | 2.10E-07 | 1.76E-08 | 6.39E-08 | 5.24E-09 | 5.31E-09 | 5.39E-09 | 5.46E-09 |
| 168350.659806101390 | 168350.66 | 3908834.24 | FENCEGRD | 1.73E-07 | 1.80E-07 | 1.88E-07 | 1.95E-07 | 1.71E-08 | 5.87E-08 | 4.91E-09 | 4.99E-09 | 5.07E-09 | 5.14E-09 |
| 168354.758425964390 | 168354.76 | 3908858.21 | FENCEGRD | 1.58E-07 | 1.65E-07 | 1.72E-07 | 1.79E-07 | 1.66E-08 | 5.38E-08 | 4.56E-09 | 4.64E-09 | 4.71E-09 | 4.79E-09 |
| 168358.857045828390 | 168358.86 | 3908882.19 | FENCEGRD | 1.45E-07 | 1.51E-07 | 1.57E-07 | 1.63E-07 | 1.59E-08 | 4.93E-08 | 4.21E-09 | 4.28E-09 | 4.35E-09 | 4.42E-09 |
| 168362.955665691390 | 168362.96 | 3908906.16 | FENCEGRD | 1.34E-07 | 1.39E-07 | 1.45E-07 | 1.51E-07 | 1.52E-08 | 4.53E-08 | 3.88E-09 | 3.95E-09 | 4.01E-09 | 4.08E-09 |
| 168367.054285555390 | 168367.05 | 3908930.14 | FENCEGRD | 1.23E-07 | 1.28E-07 | 1.33E-07 | 1.37E-07 | 1.43E-08 | 4.15E-08 | 3.56E-09 | 3.61E-09 | 3.67E-09 | 3.73E-09 |
| 168371.152905418390 | 168371.15 | 3908954.11 | FENCEGRD | 1.12E-07 | 1.16E-07 | 1.20E-07 | 1.24E-07 | 1.33E-08 | 3.80E-08 | 3.24E-09 | 3.29E-09 | 3.34E-09 | 3.39E-09 |
| 168375.251525281390 | 168375.25 | 3908978.08 | FENCEGRD | 1.01E-07 | 1.04E-07 | 1.08E-07 | 1.11E-07 | 1.21E-08 | 3.46E-08 | 2.96E-09 | 3.00E-09 | 3.04E-09 | 3.08E-09 |
| 168379.350145145390 | 168379.35 | 3909002.06 | FENCEGRD | 9.01E-08 | 9.31E-08 | 9.67E-08 | 9.99E-08 | 1.11E-08 | 3.18E-08 | 2.73E-09 | 2.76E-09 | 2.80E-09 | 2.83E-09 |
| 168383.448765008390 | 168383.45 | 3909026.03 | FENCEGRD | 8.00E-08 | 8.29E-08 | 8.63E-08 | 8.94E-08 | 1.01E-08 | 2.92E-08 | 2.52E-09 | 2.56E-09 | 2.59E-09 | 2.62E-09 |
| 168387.547384872390 | 168387.55 | 3909050.01 | FENCEGRD | 7.07E-08 | 7.33E-08 | 7.65E-08 | 7.94E-08 | 9.27E-09 | 2.70E-08 | 2.33E-09 | 2.36E-09 | 2.40E-09 | 2.43E-09 |
| 168391.646004735390 | 168391.65 | 3909073.98 | FENCEGRD | 6.30E-08 | 6.53E-08 | 6.80E-08 | 7.06E-08 | 8.58E-09 | 2.50E-08 | 2.14E-09 | 2.18E-09 | 2.21E-09 | 2.24E-09 |
| 168395.744624599390 | 168395.74 | 3909097.96 | FENCEGRD | 5.70E-08 | 5.89E-08 | 6.13E-08 | 6.34E-08 | 8.00E-09 | 2.33E-08 | 1.96E-09 | 1.99E-09 | 2.02E-09 | 2.05E-09 |
| 168399.843244462390 | 168399.84 | 3909121.93 | FENCEGRD | 5.20E-08 | 5.36E-08 | 5.56E-08 | 5.74E-08 | 7.48E-09 | 2.18E-08 | 1.79E-09 | 1.81E-09 | 1.84E-09 | 1.86E-09 |
| 168403.941864325390 | 168403.94 | 3909145.91 | FENCEGRD | 4.72E-08 | 4.86E-08 | 5.04E-08 | 5.20E-08 | 6.97E-09 | 2.03E-08 | 1.63E-09 | 1.65E-09 | 1.67E-09 | 1.69E-09 |
| 167417.076396867390 | 167417.08 | 3908250.66 | FENCEGRD | 1.99E-08 | 1.96E-08 | 1.94E-08 | 1.92E-08 | 1.68E-09 | 6.67E-09 | 4.84E-10 | 4.78E-10 | 4.72E-10 | 4.67E-10 |
| 167396.178396867390 | 167396.18 | 3908263.75 | FENCEGRD | 1.89E-08 | 1.87E-08 | 1.85E-08 | 1.83E-08 | 1.59E-09 | 6.22E-09 | 4.53E-10 | 4.48E-10 | 4.43E-10 | 4.38E-10 |
| 167375.280396867390 | 167375.28 | 3908276.83 | FENCEGRD | 1.82E-08 | 1.80E-08 | 1.78E-08 | 1.77E-08 | 1.50E-09 | 5.86E-09 | 4.28E-10 | 4.24E-10 | 4.19E-10 | 4.15E-10 |
| 167354.382396867390 | 167354.38 | 3908289.91 | FENCEGRD | 1.76E-08 | 1.74E-08 | 1.71E-08 | 1.70E-08 | 1.41E-09 | 5.57E-09 | 4.06E-10 | 4.02E-10 | 3.98E-10 | 3.94E-10 |
| 167333.484396867390 | 167333.48 | 3908303.00 | FENCEGRD | 1.66E-08 | 1.64E-08 | 1.62E-08 | 1.60E-08 | 1.33E-09 | 5.30E-09 | 3.84E-10 | 3.80E-10 | 3.76E-10 | 3.72E-10 |
| 167312.586396867390 | 167312.59 | 3908316.08 | FENCEGRD | 1.56E-08 | 1.54E-08 | 1.51E-08 | 1.50E-08 | 1.26E-09 | 5.07E-09 | 3.61E-10 | 3.57E-10 | 3.52E-10 | 3.48E-10 |
| 167640.127983382390 | 167640.13 | 3908885.50 | FENCEGRD | 2.58E-07 | 2.34E-07 | 2.09E-07 | 1.92E-07 | 1.06E-08 | 7.99E-08 | 3.42E-09 | 3.25E-09 | 3.09E-09 | 2.95E-09 |
| 167628.894347019390 | 167628.89 | 3908906.15 | FENCEGRD | 2.41E-07 | 2.17E-07 | 1.93E-07 | 1.77E-07 | 1.04E-08 | 9.44E-08 | 3.23E-09 | 3.07E-09 | 2.92E-09 | 2.78E-09 |
| 167617.660710655390 | 167617.66 | 3908926.80 | FENCEGRD | 2.17E-07 | 1.94E-07 | 1.72E-07 | 1.56E-07 | 1.01E-08 | 1.10E-07 | 3.03E-09 | 2.88E-09 | 2.73E-09 | 2.60E-09 |
| 167618.166975073390 | 167618.17 | 3908873.55 | FENCEGRD | 1.91E-07 | 1.75E-07 | 1.59E-07 | 1.48E-07 | 8.59E-09 | 5.62E-08 | 2.58E-09 | 2.47E-09 | 2.37E-09 | 2.28E-09 |
| 167606.933338713908 | 167606.93 | 3908894.20 | FENCEGRD | 1.76E-07 | 1.61E-07 | 1.46E-07 | 1.35E-07 | 8.34E-09 | 6.69E-08 | 2.42E-09 | 2.32E-09 | 2.22E-09 | 2.13E-09 |
| 167595.699702346390 | 167595.70 | 3908914.85 | FENCEGRD | 1.55E-07 | 1.41E-07 | 1.28E-07 | 1.18E-07 | 8.04E-09 | 7.93E-08 | 2.24E-09 | 2.15E-09 | 2.05E-09 | 1.97E-09 |
| 167584.466065983390 | 167584.47 | 3908935.50 | FENCEGRD | 1.29E-07 | 1.18E-07 | 1.06E-07 | 9.89E-08 | 7.70E-09 | 9.18E-08 | 2.05E-09 | 1.96E-09 | 1.87E-09 | 1.79E-09 |
| 167573.232429619390 | 167573.23 | 3908956.15 | FENCEGRD | 1.02E-07 | 9.34E-08 | 8.54E-08 | 8.02E-08 | 7.32E-09 | 1.03E-07 | 1.83E-09 | 1.75E-09 | 1.66E-09 | 1.59E-09 |
| 167607.798568173908 | 167607.80 | 3908849.28 | FENCEGRD | 1.60E-07 | 1.49E-07 | 1.37E-07 | 1.28E-07 | 7.44E-09 | 3.93E-08 | 2.20E-09 | 2.12E-09 | 2.04E-09 | 1.97E-09 |
| 167584.972330401390 | 167584.97 | 3908882.26 | FENCEGRD | 1.34E-07 | 1.24E-07 | 1.14E-07 | 1.07E-07 | 6.78E-09 | 5.01E-08 | 1.89E-09 | 1.82E-09 | 1.75E-09 | 1.69E-09 |
| 167573.738694037390 | 167573.74 | 3908902.91 | FENCEGRD | 1.18E-07 | 1.09E-07 | 1.00E-07 | 9.41E-08 | 6.52E-09 | 6.02E-08 | 1.74E-09 | 1.67E-09 | 1.60E-09 | 1.54E-09 |
| 167562.505057674390 | 167562.51 | 3908923.56 | FENCEGRD | 9.84E-08 | 9.18E-08 | 8.53E-08 | 8.10E-08 | 6.23E-09 | 7.11E-08 | 1.57E-09 | 1.51E-09 | 1.44E-09 | 1.39E-09 |
| 167551.271421313908 | 167551.27 | 3908944.21 | FENCEGRD | 8.00E-08 | 7.57E-08 | 7.14E-08 | 6.87E-08 | 5.92E-09 | 8.21E-08 | 1.38E-09 | 1.33E-09 | 1.27E-09 | 1.22E-09 |
| 167540.037784946390 | 167540.04 | 3908964.86 | FENCEGRD | 6.51E-08 | 6.30E-08 | 6.08E-08 | 5.95E-08 | 5.59E-09 | 9.26E-08 | 1.19E-09 | 1.14E-09 | 1.09E-09 | 1.05E-09 |
| 167528.804148583390 | 167528.80 | 3908985.51 | FENCEGRD | 5.58E-08 | 5.53E-08 | 5.50E-08 | 5.49E-08 | 5.22E-09 | 1.02E-07 | 1.00E-09 | 9.68E-10 | 9.33E-10 | 9.04E-10 |
| 167517.570512219390 | 167517.57 | 3909006.16 | FENCEGRD | 5.26E-08 | 5.33E-08 | 5.41E-08 | 5.47E-08 | 4.81E-09 | 1.11E-07 | 8.59E-10 | 8.38E-10 | 8.16E-10 | 7.97E-10 |
| 167506.336875855390 | 167506.34 | 3909026.81 | FENCEGRD | 5.33E-08 | 5.46E-08 | 5.58E-08 | 5.68E-08 | 4.35E-09 | 1.19E-07 | 7.87E-10 | 7.74E-10 | 7.60E-10 | 7.49E-10 |
| 167495.103239492390 | 167495.10 | 3909047.46 | FENCEGRD | 5.62E-08 | 5.79E-08 | 5.95E-08 | 6.07E-08 | 3.85E-09 | 1.26E-07 | 7.90E-10 | 7.79E-10 | 7.68E-10 | 7.59E-10 |
| 167565.325626728390 | 167565.33 | 3908823.85 | FENCEGRD | 1.05E-07 | 9.89E-08 | 9.22E-08 | 8.71E-08 | 5.30E-09 | 2.50E-08 | 1.49E-09 | 1.44E-09 | 1.40E-09 | 1.35E-09 |
| 167541.050313783390 | 167541.05 | 3908858.36 | FENCEGRD | 8.63E-08 | 8.14E-08 | 7.63E-08 | 7.27E-08 | 4.81E-09 | 3.15E-08 | 1.23E-09 | 1.19E-09 | 1.15E-09 | 1.11E-09 |
| 167529.816677423908 | 167529.82 | 3908879.01 | FENCEGRD | 7.76E-08 | 7.37E-08 | 6.96E-08 | 6.66E-08 | 4.60E-09 | 3.80E-08 | 1.10E-09 | 1.07E-09 | 1.03E-09 | 9.98E-10 |
| 167518.583041056390 | 167518.58 | 3908899.66 | FENCEGRD | 6.92E-08 | 6.64E-08 | 6.34E-08 | 6.12E-08 | 4.38E-09 | 4.57E-08 | 9.73E-10 | 9.43E-10 | 9.12E-10 | 8.84E-10 |
| 167507.349404692390 | 167507.35 | 3908920.32 | FENCEGRD | 6.19E-08 | 6.02E-08 | 5.84E-08 | 5.70E-08 | 4.12E-09 | 5.43E-08 | 8.49E-10 | 8.25E-10 | 8.00E-10 | 7.78E-10 |
| 167496.115768329390 | 167496.12 | 3908940.97 | FENCEGRD | 5.70E-08 | 5.65E-08 | 5.59E-08 | 5.53E-08 | 3.82E-09 | 6.33E-08 | 7.41E-10 | 7.23E-10 | 7.05E-10 | 6.89E-10 |
| 167484.882131965390 | 167484.88 | 3908961.62 | FENCEGRD | 5.56E-08 | 5.59E-08 | 5.62E-08 | 5.63E-08 | 3.49E-09 | 7.26E-08 | 6.62E-10 | 6.52E-10 | 6.40E-10 | 6.31E-10 |
| 167473.648495601390 | 167473.65 | 3908982.27 | FENCEGRD | 5.71E-08 | 5.77E-08 | 5.83E-08 | 5.87E-08 | 3.16E-09 | 8.19E-08 | 6.27E-10 | 6.20E-10 | 6.14E-10 | 6.08E-10 |
| 167462.414859238390 | 167462.41 | 3909002.92 | FENCEGRD | 5.97E-08 | 6.04E-08 | 6.11E-08 | 6.16E-08 | 2.81E-09 | 9.11E-08 | 6.36E-10 | 6.31E-10 | 6.26E-10 | 6.22E-10 |
| 167451.181222874390 | 167451.18 | 3909023.57 | FENCEGRD | 6.41E-08 | 6.49E-08 | 6.58E-08 | 6.63E-08 | 2.49E-09 | 9.97E-08 | 6.85E-10 | 6.79E-10 | 6.74E-10 | 6.69E-10 |
| 167439.947586511390 | 167439.95 | 3909044.22 | FENCEGRD | 7.40E-08 | 7.47E-08 | 7.57E-08 | 7.62E-08 | 2.21E-09 | 1.08E-07 | 7.93E-10 | 7.82E-10 | 7.74E-10 | 7.67E-10 |
| 167522.273055216390 | 167522.27 | 3908799.03 | FENCEGRD | 7.39E-08 | 7.03E-08 | 6.65E-08 | 6.37E-08 | 4.04E-09 | 1.81E-08 | 1.04E-09 | 1.02E-09 | 9.86E-10 | 9.59E-10 |
| 167550.095298589390 | 167550.10 | 3908769.45 | FENCEGRD | 8.85E-08 | 8.38E-08 | 7.88E-08 | 7.51E-08 | 4.51E-09 | 1.74E-08 | 1.28E-09 | 1.25E-09 | 1.21E-09 | 1.18E-09 |
| 167497.128297166390 | 167497.13 | 3908834.47 | FENCEGRD | 6.26E-08 | 6.00E-08 | 5.73E-08 | 5.52E-08 | 3.61E-09 | 2.22E-08 | 8.37E-10 | 8.16E-10 | 7.93E-10 | 7.73E-10 |
| 167485.894660802390 | 167485.89 | 3908855.12 | FENCEGRD | 5.82E-08 | 5.61E-08 | 5.38E-08 | 5.22E-08 | 3.40E-09 | 2.64E-08 | 7.49E-10 | 7.31E-10 | 7.11E-10 | 6.94E-10 |
| 167474.661024438390 | 167474.66 | 3908875.77 | FENCEGRD | 5.48E-08 | 5.32E-08 | 5.15E-08 | 5.02E-08 | 3.17E-09 | 3.19E-08 | 6.68E-10 | 6.53E-10 | 6.38E-10 | 6.24E-10 |
| 167463.427388075390 | 167463.43 | 3908896.42 | FENCEGRD | 5.31E-08 | 5.20E-08 | 5.09E-08 | 5.00E-08 | 2.93E-09 | 3.83E-08 | 6.00E-10 | 5.90E-10 | 5.78E-10 | 5.69E-10 |
| 167452.193751711390 | 167452.19 | 3908917.07 | FENCEGRD | 5.36E-08 | 5.29E-08 | 5.22E-08 | 5.16E-08 | 2.69E-09 | 4.54E-08 | 5.53E-10 | 5.46E-10 | 5.39E-10 | 5.33E-10 |
| 167440.960115347390 | 167440.96 | 3908937.73 | FENCEGRD | 5.59E-08 | 5.55E-08 | 5.49E-08 | 5.43 | | | | | | |

0<2 Dose

| | | | | 0<2 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167398.050627566390 | 167398.05 | 3908807.34 | FENCEGRD | 4.11E-08 | 4.03E-08 | 3.95E-08 | 3.88E-08 | 1.95E-09 | 1.63E-08 | 4.47E-10 | 4.42E-10 | 4.37E-10 | 4.32E-10 |
| 167386.816991203390 | 167386.82 | 3908827.99 | FENCEGRD | 4.20E-08 | 4.13E-08 | 4.06E-08 | 4.00E-08 | 1.81E-09 | 1.90E-08 | 4.29E-10 | 4.25E-10 | 4.22E-10 | 4.19E-10 |
| 167375.583354839390 | 167375.58 | 3908848.64 | FENCEGRD | 4.37E-08 | 4.31E-08 | 4.24E-08 | 4.18E-08 | 1.68E-09 | 2.24E-08 | 4.25E-10 | 4.23E-10 | 4.21E-10 | 4.19E-10 |
| 167364.349718476390 | 167364.35 | 3908869.29 | FENCEGRD | 4.60E-08 | 4.54E-08 | 4.47E-08 | 4.41E-08 | 1.56E-09 | 2.65E-08 | 4.38E-10 | 4.36E-10 | 4.35E-10 | 4.34E-10 |
| 167353.116082112390 | 167353.12 | 3908889.94 | FENCEGRD | 4.84E-08 | 4.77E-08 | 4.69E-08 | 4.63E-08 | 1.45E-09 | 3.13E-08 | 4.63E-10 | 4.61E-10 | 4.60E-10 | 4.59E-10 |
| 167341.882445748390 | 167341.88 | 3908910.59 | FENCEGRD | 5.05E-08 | 4.97E-08 | 4.88E-08 | 4.81E-08 | 1.37E-09 | 3.64E-08 | 4.95E-10 | 4.93E-10 | 4.91E-10 | 4.89E-10 |
| 167330.648809385390 | 167330.65 | 3908931.24 | FENCEGRD | 5.27E-08 | 5.18E-08 | 5.09E-08 | 5.01E-08 | 1.31E-09 | 4.18E-08 | 5.30E-10 | 5.27E-10 | 5.24E-10 | 5.22E-10 |
| 167319.415173021390 | 167319.42 | 3908951.89 | FENCEGRD | 5.63E-08 | 5.53E-08 | 5.43E-08 | 5.34E-08 | 1.30E-09 | 4.75E-08 | 5.69E-10 | 5.65E-10 | 5.62E-10 | 5.59E-10 |
| 167308.181536657390 | 167308.18 | 3908972.54 | FENCEGRD | 6.22E-08 | 6.10E-08 | 5.98E-08 | 5.86E-08 | 1.33E-09 | 5.34E-08 | 6.23E-10 | 6.18E-10 | 6.13E-10 | 6.10E-10 |
| 167296.947900294390 | 167296.95 | 3908993.19 | FENCEGRD | 7.04E-08 | 6.88E-08 | 6.72E-08 | 6.58E-08 | 1.39E-09 | 5.94E-08 | 7.03E-10 | 6.96E-10 | 6.89E-10 | 6.84E-10 |
| 167348.130668932390 | 167348.13 | 3908701.82 | FENCEGRD | 3.32E-08 | 3.24E-08 | 3.17E-08 | 3.10E-08 | 1.59E-09 | 9.44E-09 | 3.90E-10 | 3.85E-10 | 3.81E-10 | 3.76E-10 |
| 167379.044272683908 | 167379.04 | 3908668.95 | FENCEGRD | 3.56E-08 | 3.46E-08 | 3.35E-08 | 3.26E-08 | 1.84E-09 | 8.67E-09 | 4.59E-10 | 4.51E-10 | 4.44E-10 | 4.37E-10 |
| 167394.501074554390 | 167394.50 | 3908652.52 | FENCEGRD | 3.73E-08 | 3.62E-08 | 3.49E-08 | 3.40E-08 | 1.97E-09 | 8.52E-09 | 5.00E-10 | 4.92E-10 | 4.83E-10 | 4.75E-10 |
| 167409.957876428390 | 167409.96 | 3908636.09 | FENCEGRD | 3.94E-08 | 3.81E-08 | 3.68E-08 | 3.57E-08 | 2.13E-09 | 8.57E-09 | 5.48E-10 | 5.38E-10 | 5.28E-10 | 5.19E-10 |
| 167440.871480176390 | 167440.87 | 3908603.22 | FENCEGRD | 4.47E-08 | 4.31E-08 | 4.14E-08 | 4.01E-08 | 2.48E-09 | 9.21E-09 | 6.60E-10 | 6.48E-10 | 6.35E-10 | 6.23E-10 |
| 167456.328282053908 | 167456.33 | 3908586.79 | FENCEGRD | 4.77E-08 | 4.60E-08 | 4.41E-08 | 4.26E-08 | 2.66E-09 | 9.77E-09 | 7.26E-10 | 7.11E-10 | 6.97E-10 | 6.83E-10 |
| 167332.673867058390 | 167332.67 | 3908718.25 | FENCEGRD | 3.28E-08 | 3.22E-08 | 3.15E-08 | 3.10E-08 | 1.47E-09 | 1.01E-08 | 3.68E-10 | 3.64E-10 | 3.61E-10 | 3.58E-10 |
| 167321.440230695390 | 167321.44 | 3908738.90 | FENCEGRD | 3.33E-08 | 3.27E-08 | 3.22E-08 | 3.17E-08 | 1.37E-09 | 1.10E-08 | 3.58E-10 | 3.56E-10 | 3.54E-10 | 3.52E-10 |
| 167310.206594331390 | 167310.21 | 3908759.55 | FENCEGRD | 3.42E-08 | 3.37E-08 | 3.32E-08 | 3.27E-08 | 1.29E-09 | 1.23E-08 | 3.59E-10 | 3.57E-10 | 3.55E-10 | 3.54E-10 |
| 167298.972957967390 | 167298.97 | 3908780.20 | FENCEGRD | 3.55E-08 | 3.50E-08 | 3.45E-08 | 3.40E-08 | 1.21E-09 | 1.38E-08 | 3.68E-10 | 3.66E-10 | 3.65E-10 | 3.64E-10 |
| 167287.739321604390 | 167287.74 | 3908800.85 | FENCEGRD | 3.70E-08 | 3.65E-08 | 3.60E-08 | 3.55E-08 | 1.15E-09 | 1.56E-08 | 3.84E-10 | 3.83E-10 | 3.82E-10 | 3.81E-10 |
| 167276.505685243908 | 167276.51 | 3908821.50 | FENCEGRD | 3.86E-08 | 3.81E-08 | 3.75E-08 | 3.69E-08 | 1.10E-09 | 1.79E-08 | 4.06E-10 | 4.05E-10 | 4.04E-10 | 4.03E-10 |
| 167265.272048877390 | 167265.27 | 3908842.15 | FENCEGRD | 4.00E-08 | 3.94E-08 | 3.87E-08 | 3.81E-08 | 1.08E-09 | 2.05E-08 | 4.31E-10 | 4.29E-10 | 4.28E-10 | 4.26E-10 |
| 167254.038412513390 | 167254.04 | 3908862.81 | FENCEGRD | 4.13E-08 | 4.06E-08 | 3.99E-08 | 3.93E-08 | 1.08E-09 | 2.36E-08 | 4.56E-10 | 4.53E-10 | 4.52E-10 | 4.50E-10 |
| 167242.804776149390 | 167242.80 | 3908883.46 | FENCEGRD | 4.28E-08 | 4.21E-08 | 4.14E-08 | 4.07E-08 | 1.11E-09 | 2.71E-08 | 4.80E-10 | 4.77E-10 | 4.75E-10 | 4.72E-10 |
| 167231.571139786390 | 167231.57 | 3908904.11 | FENCEGRD | 4.53E-08 | 4.45E-08 | 4.37E-08 | 4.30E-08 | 1.16E-09 | 3.09E-08 | 5.06E-10 | 5.03E-10 | 5.00E-10 | 4.98E-10 |
| 167220.337503422390 | 167220.34 | 3908924.76 | FENCEGRD | 4.91E-08 | 4.81E-08 | 4.72E-08 | 4.63E-08 | 1.22E-09 | 3.50E-08 | 5.42E-10 | 5.38E-10 | 5.34E-10 | 5.31E-10 |
| 167209.103867058390 | 167209.10 | 3908945.41 | FENCEGRD | 5.39E-08 | 5.28E-08 | 5.17E-08 | 5.07E-08 | 1.29E-09 | 3.92E-08 | 5.94E-10 | 5.88E-10 | 5.84E-10 | 5.80E-10 |
| 167260.637926649390 | 167260.64 | 3908653.66 | FENCEGRD | 2.84E-08 | 2.80E-08 | 2.74E-08 | 2.70E-08 | 1.15E-09 | 8.31E-09 | 3.23E-10 | 3.21E-10 | 3.19E-10 | 3.17E-10 |
| 167276.446019474390 | 167276.45 | 3908636.85 | FENCEGRD | 2.86E-08 | 2.81E-08 | 2.75E-08 | 2.69E-08 | 1.25E-09 | 7.99E-09 | 3.34E-10 | 3.31E-10 | 3.28E-10 | 3.25E-10 |
| 167292.254112339086 | 167292.25 | 3908620.05 | FENCEGRD | 2.92E-08 | 2.86E-08 | 2.79E-08 | 2.73E-08 | 1.35E-09 | 7.79E-09 | 3.54E-10 | 3.50E-10 | 3.46E-10 | 3.42E-10 |
| 167308.062205126390 | 167308.06 | 3908603.24 | FENCEGRD | 3.03E-08 | 2.95E-08 | 2.86E-08 | 2.80E-08 | 1.47E-09 | 7.69E-09 | 3.80E-10 | 3.75E-10 | 3.70E-10 | 3.65E-10 |
| 167323.870297951390 | 167323.87 | 3908586.43 | FENCEGRD | 3.16E-08 | 3.07E-08 | 2.98E-08 | 2.90E-08 | 1.58E-09 | 7.68E-09 | 4.13E-10 | 4.06E-10 | 4.00E-10 | 3.94E-10 |
| 167339.678390777390 | 167339.68 | 3908569.63 | FENCEGRD | 3.31E-08 | 3.21E-08 | 3.11E-08 | 3.02E-08 | 1.69E-09 | 7.76E-09 | 4.49E-10 | 4.42E-10 | 4.34E-10 | 4.27E-10 |
| 167355.486483603390 | 167355.49 | 3908552.82 | FENCEGRD | 3.47E-08 | 3.36E-08 | 3.24E-08 | 3.15E-08 | 1.81E-09 | 7.90E-09 | 4.88E-10 | 4.80E-10 | 4.71E-10 | 4.63E-10 |
| 167371.294576428390 | 167371.29 | 3908536.02 | FENCEGRD | 3.65E-08 | 3.54E-08 | 3.41E-08 | 3.31E-08 | 1.94E-09 | 8.17E-09 | 5.32E-10 | 5.23E-10 | 5.13E-10 | 5.04E-10 |
| 167387.102669254390 | 167387.10 | 3908519.21 | FENCEGRD | 3.85E-08 | 3.73E-08 | 3.59E-08 | 3.48E-08 | 2.09E-09 | 8.52E-09 | 5.79E-10 | 5.69E-10 | 5.58E-10 | 5.48E-10 |
| 167402.910762083908 | 167402.91 | 3908502.40 | FENCEGRD | 4.06E-08 | 3.93E-08 | 3.78E-08 | 3.66E-08 | 2.24E-09 | 8.94E-09 | 6.28E-10 | 6.17E-10 | 6.06E-10 | 5.95E-10 |
| 167244.829833823390 | 167244.83 | 3908670.46 | FENCEGRD | 2.86E-08 | 2.81E-08 | 2.76E-08 | 2.72E-08 | 1.07E-09 | 8.75E-09 | 3.20E-10 | 3.19E-10 | 3.17E-10 | 3.16E-10 |
| 167233.596197459390 | 167233.60 | 3908691.11 | FENCEGRD | 2.92E-08 | 2.87E-08 | 2.82E-08 | 2.78E-08 | 1.01E-09 | 9.41E-09 | 3.26E-10 | 3.24E-10 | 3.23E-10 | 3.22E-10 |
| 167222.362561096390 | 167222.36 | 3908711.77 | FENCEGRD | 2.99E-08 | 2.95E-08 | 2.90E-08 | 2.86E-08 | 9.68E-10 | 1.02E-08 | 3.35E-10 | 3.34E-10 | 3.33E-10 | 3.32E-10 |
| 167211.128924732390 | 167211.13 | 3908732.42 | FENCEGRD | 3.08E-08 | 3.04E-08 | 2.99E-08 | 2.95E-08 | 9.40E-10 | 1.12E-08 | 3.49E-10 | 3.48E-10 | 3.47E-10 | 3.46E-10 |
| 167199.895288368390 | 167199.90 | 3908753.07 | FENCEGRD | 3.18E-08 | 3.14E-08 | 3.09E-08 | 3.04E-08 | 9.28E-10 | 1.23E-08 | 3.66E-10 | 3.64E-10 | 3.63E-10 | 3.62E-10 |
| 167188.661652005390 | 167188.66 | 3908773.72 | FENCEGRD | 3.27E-08 | 3.22E-08 | 3.16E-08 | 3.11E-08 | 9.33E-10 | 1.36E-08 | 3.83E-10 | 3.81E-10 | 3.80E-10 | 3.79E-10 |
| 167177.428015641390 | 167177.43 | 3908794.37 | FENCEGRD | 3.33E-08 | 3.28E-08 | 3.22E-08 | 3.17E-08 | 9.53E-10 | 1.52E-08 | 4.00E-10 | 3.98E-10 | 3.97E-10 | 3.95E-10 |
| 167166.194379277390 | 167166.19 | 3908815.02 | FENCEGRD | 3.39E-08 | 3.34E-08 | 3.28E-08 | 3.23E-08 | 9.86E-10 | 1.69E-08 | 4.16E-10 | 4.13E-10 | 4.12E-10 | 4.10E-10 |
| 167154.960742914390 | 167154.96 | 3908835.67 | FENCEGRD | 3.49E-08 | 3.44E-08 | 3.38E-08 | 3.32E-08 | 1.03E-09 | 1.89E-08 | 4.30E-10 | 4.28E-10 | 4.26E-10 | 4.24E-10 |
| 167143.727106553908 | 167143.73 | 3908856.32 | FENCEGRD | 3.66E-08 | 3.60E-08 | 3.54E-08 | 3.48E-08 | 1.08E-09 | 2.13E-08 | 4.48E-10 | 4.45E-10 | 4.43E-10 | 4.40E-10 |
| 167132.493470187390 | 167132.49 | 3908876.97 | FENCEGRD | 3.91E-08 | 3.84E-08 | 3.77E-08 | 3.71E-08 | 1.14E-09 | 2.39E-08 | 4.73E-10 | 4.70E-10 | 4.67E-10 | 4.65E-10 |
| 167121.259833823390 | 167121.26 | 3908897.62 | FENCEGRD | 4.24E-08 | 4.16E-08 | 4.08E-08 | 4.01E-08 | 1.20E-09 | 2.69E-08 | 5.12E-10 | 5.08E-10 | 5.04E-10 | 5.01E-10 |
| 167173.037094841390 | 167173.04 | 3908605.61 | FENCEGRD | 2.63E-08 | 2.59E-08 | 2.54E-08 | 2.49E-08 | 9.32E-10 | 7.84E-09 | 3.12E-10 | 3.10E-10 | 3.08E-10 | 3.07E-10 |
| 167189.088389095390 | 167189.09 | 3908588.55 | FENCEGRD | 2.65E-08 | 2.61E-08 | 2.55E-08 | 2.51E-08 | 1.00E-09 | 7.70E-09 | 3.15E-10 | 3.12E-10 | 3.11E-10 | 3.09E-10 |
| 167205.139683349390 | 167205.14 | 3908571.49 | FENCEGRD | 2.68E-08 | 2.63E-08 | 2.58E-08 | 2.53E-08 | 1.09E-09 | 7.62E-09 | 3.23E-10 | 3.20E-10 | 3.18E-10 | 3.15E-10 |
| 167221.190977602390 | 167221.19 | 3908554.42 | FENCEGRD | 2.73E-08 | 2.67E-08 | 2.61E-08 | 2.56E-08 | 1.19E-09 | 7.64E-09 | 3.39E-10 | 3.36E-10 | 3.33E-10 | 3.30E-10 |
| 167237.242271856390 | 167237.24 | 3908537.36 | FENCEGRD | 2.61E-08 | 2.63E-08 | 2.68E-08 | 2.64E-08 | 1.33E-09 | 7.24E-09 | 3.59E-10 | 3.58E-10 | 3.56E-10 | 3.54E-10 |
| 167253.293566113908 | 167253.29 | 3908520.29 | FENCEGRD | 2.45E-08 | 2.45E-08 | 2.46E-08 | 2.48E-08 | 1.42E-09 | 6.81E-09 | 3.58E-10 | 3.56E-10 | 3.54E-10 | 3.53E-10 |
| 167269.344860364390 | 167269.34 | 3908503.23 | FENCEGRD | 2.38E-08 | 2.37E-08 | 2.36E-08 | 2.37E-08 | 1.44E-09 | 6.54E-09 | 3.64E-10 | 3.62E-10 | 3.59E-10 | 3.57E-10 |
| 167285.396154618390 | 167285.40 | 3908486.16 | FENCEGRD | 2.38E-08 | 2.37E-08 | 2.35E-08 | 2.35E-08 | 1.49E-09 | 6.43E-09 | 3.78E-10 | 3.76E-10 | 3.72E-10 | 3.70E-10 |
| 167301.447448871390 | 167301.45 | 3908469.10 | FENCEGRD | 2.40E-08 | 2.39E-08 | 2.38E-08 | 2.37E-08 | 1.54E-09 | 6.39E-09 | 3.98E-10 | 3.95E-10 | 3.91E-10 | 3.88E-10 |
| 167317.498743125390 | 167317.50 | 3908452.03 | FENCEGRD | 2.45E-08 | 2.43E-08 | 2.42E-08 | 2.41E-08 | 1.61E-09 | 6.42E-09 | 4.22E-10 | 4.18E-10 | 4.14E-10 | 4.10E-10 |
| 167333.550037379390 | 167333.55 | 3908434.97 | FENCEGRD | 2.53E-08 | 2.51E-08 | 2.49E-08 | 2.48E-08 | 1.68E-09 | 6.52E-09 | 4.49E-10 | 4.45E-10 | 4.40E-10 | 4.36E-10 |
| 167349.601331633390 | 167349.60 | 3908417.90 | FENCEGRD | 2.62E-08 | 2.59E-08 | 2.56E-08 | 2.55 | | | | | | |

0<2 Dose

| | | | | 0<2 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167024.207221897390 | 167024.21 | 3908657.50 | FENCEGRD | 2.37E-08 | 2.34E-08 | 2.30E-08 | 2.26E-08 | 7.95E-10 | 8.72E-09 | 3.23E-10 | 3.22E-10 | 3.20E-10 | 3.19E-10 |
| 167012.973585534390 | 167012.97 | 3908678.15 | FENCEGRD | 2.39E-08 | 2.36E-08 | 2.32E-08 | 2.28E-08 | 8.22E-10 | 9.36E-09 | 3.33E-10 | 3.31E-10 | 3.30E-10 | 3.28E-10 |
| 167001.739949173908 | 167001.74 | 3908698.80 | FENCEGRD | 2.40E-08 | 2.36E-08 | 2.32E-08 | 2.29E-08 | 8.50E-10 | 1.00E-08 | 3.39E-10 | 3.37E-10 | 3.35E-10 | 3.33E-10 |
| 166990.506312807390 | 166990.51 | 3908719.45 | FENCEGRD | 2.42E-08 | 2.39E-08 | 2.35E-08 | 2.32E-08 | 8.80E-10 | 1.08E-08 | 3.44E-10 | 3.42E-10 | 3.40E-10 | 3.38E-10 |
| 166979.272676443390 | 166979.27 | 3908740.10 | FENCEGRD | 2.47E-08 | 2.43E-08 | 2.40E-08 | 2.36E-08 | 9.12E-10 | 1.16E-08 | 3.48E-10 | 3.47E-10 | 3.45E-10 | 3.43E-10 |
| 166968.039040079390 | 166968.04 | 3908760.75 | FENCEGRD | 2.55E-08 | 2.51E-08 | 2.47E-08 | 2.44E-08 | 9.44E-10 | 1.26E-08 | 3.57E-10 | 3.55E-10 | 3.53E-10 | 3.51E-10 |
| 166956.805403716390 | 166956.81 | 3908781.40 | FENCEGRD | 2.66E-08 | 2.62E-08 | 2.58E-08 | 2.54E-08 | 9.73E-10 | 1.36E-08 | 3.70E-10 | 3.68E-10 | 3.66E-10 | 3.64E-10 |
| 166945.571767352390 | 166945.57 | 3908802.05 | FENCEGRD | 2.81E-08 | 2.76E-08 | 2.72E-08 | 2.68E-08 | 9.99E-10 | 1.48E-08 | 3.92E-10 | 3.89E-10 | 3.87E-10 | 3.85E-10 |
| 167371.888474415390 | 167371.89 | 3909070.62 | FENCEGRD | 1.22E-07 | 1.19E-07 | 1.15E-07 | 1.12E-07 | 1.69E-09 | 1.04E-07 | 1.19E-09 | 1.17E-09 | 1.14E-09 | 1.12E-09 |
| 167324.488572333390 | 167324.49 | 3909054.72 | FENCEGRD | 1.09E-07 | 1.06E-07 | 1.02E-07 | 9.93E-08 | 1.62E-09 | 8.72E-08 | 1.10E-09 | 1.07E-09 | 1.06E-09 | 1.04E-09 |
| 167277.083364552390 | 167277.08 | 3909038.83 | FENCEGRD | 9.59E-08 | 9.31E-08 | 9.02E-08 | 8.77E-08 | 1.59E-09 | 7.33E-08 | 1.02E-09 | 1.00E-09 | 9.88E-10 | 9.75E-10 |
| 167287.015632423390 | 167287.02 | 3909016.01 | FENCEGRD | 8.17E-08 | 7.96E-08 | 7.76E-08 | 7.57E-08 | 1.49E-09 | 6.65E-08 | 8.34E-10 | 8.23E-10 | 8.13E-10 | 8.05E-10 |
| 167182.264672139090 | 167182.26 | 3909007.07 | FENCEGRD | 7.44E-08 | 7.25E-08 | 7.05E-08 | 6.88E-08 | 1.51E-09 | 5.29E-08 | 8.95E-10 | 8.83E-10 | 8.72E-10 | 8.63E-10 |
| 167192.329370213908 | 167192.33 | 3908983.95 | FENCEGRD | 6.56E-08 | 6.40E-08 | 6.25E-08 | 6.11E-08 | 1.42E-09 | 4.76E-08 | 7.53E-10 | 7.44E-10 | 7.37E-10 | 7.30E-10 |
| 167087.440283725390 | 167087.44 | 3908975.32 | FENCEGRD | 5.94E-08 | 5.80E-08 | 5.66E-08 | 5.53E-08 | 1.41E-09 | 4.00E-08 | 7.99E-10 | 7.89E-10 | 7.81E-10 | 7.73E-10 |
| 167096.458830418390 | 167096.46 | 3908954.60 | FENCEGRD | 5.40E-08 | 5.28E-08 | 5.16E-08 | 5.05E-08 | 1.34E-09 | 3.62E-08 | 6.98E-10 | 6.90E-10 | 6.84E-10 | 6.78E-10 |
| 167106.604695447390 | 167106.60 | 3908931.29 | FENCEGRD | 4.87E-08 | 4.77E-08 | 4.66E-08 | 4.57E-08 | 1.27E-09 | 3.22E-08 | 6.05E-10 | 5.99E-10 | 5.94E-10 | 5.90E-10 |
| 166992.612970415390 | 166992.61 | 3908943.58 | FENCEGRD | 4.83E-08 | 4.72E-08 | 4.62E-08 | 4.53E-08 | 1.30E-09 | 3.08E-08 | 7.13E-10 | 7.05E-10 | 6.99E-10 | 6.92E-10 |
| 167001.680266009390 | 167001.68 | 3908922.75 | FENCEGRD | 4.46E-08 | 4.37E-08 | 4.28E-08 | 4.20E-08 | 1.24E-09 | 2.80E-08 | 6.35E-10 | 6.29E-10 | 6.24E-10 | 6.19E-10 |
| 167010.747561603390 | 167010.75 | 3908901.92 | FENCEGRD | 4.12E-08 | 4.04E-08 | 3.96E-08 | 3.89E-08 | 1.19E-09 | 2.52E-08 | 5.67E-10 | 5.62E-10 | 5.57E-10 | 5.53E-10 |
| 167019.814857197390 | 167019.81 | 3908881.09 | FENCEGRD | 3.80E-08 | 3.73E-08 | 3.66E-08 | 3.60E-08 | 1.15E-09 | 2.26E-08 | 5.08E-10 | 5.04E-10 | 5.00E-10 | 4.97E-10 |
| 166897.783956562390 | 166897.78 | 3908911.84 | FENCEGRD | 3.99E-08 | 3.92E-08 | 3.84E-08 | 3.77E-08 | 1.20E-09 | 2.42E-08 | 6.38E-10 | 6.31E-10 | 6.26E-10 | 6.21E-10 |
| 166906.886396713390 | 166906.89 | 3908890.93 | FENCEGRD | 3.71E-08 | 3.65E-08 | 3.58E-08 | 3.51E-08 | 1.13E-09 | 2.20E-08 | 5.75E-10 | 5.70E-10 | 5.65E-10 | 5.61E-10 |
| 166915.988836863390 | 166915.99 | 3908870.02 | FENCEGRD | 3.46E-08 | 3.39E-08 | 3.33E-08 | 3.28E-08 | 1.09E-09 | 2.00E-08 | 5.19E-10 | 5.14E-10 | 5.11E-10 | 5.07E-10 |
| 166925.091277014390 | 166925.09 | 3908849.11 | FENCEGRD | 3.23E-08 | 3.18E-08 | 3.12E-08 | 3.07E-08 | 1.05E-09 | 1.82E-08 | 4.71E-10 | 4.67E-10 | 4.64E-10 | 4.61E-10 |
| 166934.193717164390 | 166934.19 | 3908828.19 | FENCEGRD | 3.03E-08 | 2.98E-08 | 2.93E-08 | 2.89E-08 | 1.03E-09 | 1.66E-08 | 4.31E-10 | 4.27E-10 | 4.25E-10 | 4.22E-10 |
| 167363.014395385390 | 167363.01 | 3909118.12 | FENCEGRD | 2.20E-07 | 2.10E-07 | 1.99E-07 | 1.90E-07 | 1.99E-09 | 1.23E-07 | 2.27E-09 | 2.18E-09 | 2.10E-09 | 2.04E-09 |
| 167359.573909162.59 | 167359.57 | 3909162.59 | FENCEGRD | 3.54E-07 | 3.38E-07 | 3.21E-07 | 3.07E-07 | 2.72E-09 | 1.39E-07 | 4.33E-09 | 4.14E-09 | 3.97E-09 | 3.82E-09 |
| 167359.573909185.91 | 167359.57 | 3909185.91 | FENCEGRD | 4.25E-07 | 4.07E-07 | 3.88E-07 | 3.71E-07 | 3.48E-09 | 1.47E-07 | 5.86E-09 | 5.63E-09 | 5.42E-09 | 5.22E-09 |
| 167359.573909209.23 | 167359.57 | 3909209.24 | FENCEGRD | 4.91E-07 | 4.72E-07 | 4.51E-07 | 4.33E-07 | 4.74E-09 | 1.54E-07 | 7.61E-09 | 7.34E-09 | 7.10E-09 | 6.87E-09 |
| 167359.573909232.55 | 167359.57 | 3909232.56 | FENCEGRD | 5.46E-07 | 5.28E-07 | 5.08E-07 | 4.90E-07 | 6.84E-09 | 1.58E-07 | 9.41E-09 | 9.12E-09 | 8.86E-09 | 8.61E-09 |
| 167359.573909255.87 | 167359.57 | 3909255.88 | FENCEGRD | 5.85E-07 | 5.70E-07 | 5.52E-07 | 5.36E-07 | 1.01E-08 | 1.60E-07 | 1.10E-08 | 1.08E-08 | 1.05E-08 | 1.02E-08 |
| 167312.799120674390 | 167312.80 | 3909119.44 | FENCEGRD | 2.14E-07 | 2.03E-07 | 1.93E-07 | 1.84E-07 | 2.15E-09 | 1.13E-07 | 2.33E-09 | 2.25E-09 | 2.18E-09 | 2.12E-09 |
| 167319.257362021390 | 167319.26 | 3909079.78 | FENCEGRD | 1.39E-07 | 1.34E-07 | 1.28E-07 | 1.24E-07 | 1.77E-09 | 9.70E-08 | 1.44E-09 | 1.40E-09 | 1.37E-09 | 1.35E-09 |
| 167309.573909162.59 | 167309.57 | 3909162.59 | FENCEGRD | 3.18E-07 | 3.03E-07 | 2.88E-07 | 2.75E-07 | 3.00E-09 | 1.29E-07 | 3.97E-09 | 3.83E-09 | 3.69E-09 | 3.58E-09 |
| 167309.573909185.91 | 167309.57 | 3909185.91 | FENCEGRD | 3.75E-07 | 3.58E-07 | 3.42E-07 | 3.27E-07 | 3.79E-09 | 1.37E-07 | 5.19E-09 | 5.01E-09 | 4.84E-09 | 4.69E-09 |
| 167309.573909209.23 | 167309.57 | 3909209.24 | FENCEGRD | 4.30E-07 | 4.12E-07 | 3.94E-07 | 3.78E-07 | 5.01E-09 | 1.45E-07 | 6.55E-09 | 6.35E-09 | 6.16E-09 | 5.99E-09 |
| 167309.573909232.55 | 167309.57 | 3909232.56 | FENCEGRD | 4.82E-07 | 4.64E-07 | 4.44E-07 | 4.27E-07 | 6.89E-09 | 1.51E-07 | 7.97E-09 | 7.75E-09 | 7.55E-09 | 7.35E-09 |
| 167309.573909255.87 | 167309.57 | 3909255.88 | FENCEGRD | 5.19E-07 | 5.02E-07 | 4.83E-07 | 4.67E-07 | 9.56E-09 | 1.53E-07 | 9.24E-09 | 9.01E-09 | 8.80E-09 | 8.60E-09 |
| 167309.573909279.2 | 167309.57 | 3909279.20 | FENCEGRD | 5.38E-07 | 5.25E-07 | 5.08E-07 | 4.94E-07 | 1.30E-08 | 1.51E-07 | 1.02E-08 | 1.00E-08 | 9.85E-09 | 9.65E-09 |
| 167262.669955847390 | 167262.67 | 3909120.23 | FENCEGRD | 1.99E-07 | 1.89E-07 | 1.80E-07 | 1.72E-07 | 2.32E-09 | 1.03E-07 | 2.33E-09 | 2.26E-09 | 2.20E-09 | 2.14E-09 |
| 167268.869867543909 | 167268.87 | 3909082.16 | FENCEGRD | 1.39E-07 | 1.33E-07 | 1.27E-07 | 1.23E-07 | 1.86E-09 | 8.84E-08 | 1.55E-09 | 1.52E-09 | 1.48E-09 | 1.46E-09 |
| 167259.573909162.59 | 167259.57 | 3909162.59 | FENCEGRD | 2.83E-07 | 2.71E-07 | 2.57E-07 | 2.46E-07 | 3.25E-09 | 1.19E-07 | 3.71E-09 | 3.58E-09 | 3.47E-09 | 3.37E-09 |
| 167259.573909185.91 | 167259.57 | 3909185.91 | FENCEGRD | 3.30E-07 | 3.16E-07 | 3.02E-07 | 2.89E-07 | 4.07E-09 | 1.28E-07 | 4.70E-09 | 4.55E-09 | 4.42E-09 | 4.30E-09 |
| 167259.573909209.23 | 167259.57 | 3909209.24 | FENCEGRD | 3.73E-07 | 3.58E-07 | 3.42E-07 | 3.29E-07 | 5.23E-09 | 1.35E-07 | 5.77E-09 | 5.61E-09 | 5.46E-09 | 5.32E-09 |
| 167259.573909232.55 | 167259.57 | 3909232.56 | FENCEGRD | 4.11E-07 | 3.95E-07 | 3.79E-07 | 3.65E-07 | 6.84E-09 | 1.39E-07 | 6.82E-09 | 6.65E-09 | 6.49E-09 | 6.34E-09 |
| 167259.573909255.87 | 167259.57 | 3909255.88 | FENCEGRD | 4.41E-07 | 4.26E-07 | 4.10E-07 | 3.96E-07 | 9.02E-09 | 1.41E-07 | 7.77E-09 | 7.59E-09 | 7.44E-09 | 7.28E-09 |
| 167259.573909279.2 | 167259.57 | 3909279.20 | FENCEGRD | 4.62E-07 | 4.49E-07 | 4.34E-07 | 4.21E-07 | 1.18E-08 | 1.40E-07 | 8.59E-09 | 8.43E-09 | 8.27E-09 | 8.11E-09 |
| 167163.014395385390 | 167163.01 | 3909118.12 | FENCEGRD | 1.62E-07 | 1.55E-07 | 1.49E-07 | 1.43E-07 | 2.58E-09 | 8.43E-08 | 2.18E-09 | 2.12E-09 | 2.08E-09 | 2.03E-09 |
| 167169.903186155390 | 167169.90 | 3909075.82 | FENCEGRD | 1.18E-07 | 1.14E-07 | 1.09E-07 | 1.06E-07 | 1.98E-09 | 7.21E-08 | 1.53E-09 | 1.50E-09 | 1.48E-09 | 1.45E-09 |
| 167176.791976925390 | 167176.79 | 3909033.51 | FENCEGRD | 8.76E-08 | 8.49E-08 | 8.23E-08 | 8.00E-08 | 1.64E-09 | 5.99E-08 | 1.10E-09 | 1.08E-09 | 1.06E-09 | 1.05E-09 |
| 167159.573909162.59 | 167159.57 | 3909162.59 | FENCEGRD | 2.18E-07 | 2.09E-07 | 2.00E-07 | 1.93E-07 | 3.59E-09 | 9.67E-08 | 3.17E-09 | 3.08E-09 | 3.01E-09 | 2.94E-09 |
| 167159.573909185.91 | 167159.57 | 3909185.91 | FENCEGRD | 2.47E-07 | 2.38E-07 | 2.28E-07 | 2.20E-07 | 4.35E-09 | 1.03E-07 | 3.83E-09 | 3.73E-09 | 3.64E-09 | 3.56E-09 |
| 167159.573909209.23 | 167159.57 | 3909209.24 | FENCEGRD | 2.74E-07 | 2.65E-07 | 2.54E-07 | 2.46E-07 | 5.32E-09 | 1.09E-07 | 4.53E-09 | 4.43E-09 | 4.33E-09 | 4.24E-09 |
| 167159.573909232.55 | 167159.57 | 3909232.56 | FENCEGRD | 2.99E-07 | 2.89E-07 | 2.78E-07 | 2.69E-07 | 6.56E-09 | 1.13E-07 | 5.23E-09 | 5.12E-09 | 5.02E-09 | 4.93E-09 |
| 167159.573909255.87 | 167159.57 | 3909255.88 | FENCEGRD | 3.21E-07 | 3.11E-07 | 3.00E-07 | 2.91E-07 | 8.12E-09 | 1.17E-07 | 5.89E-09 | 5.78E-09 | 5.68E-09 | 5.58E-09 |
| 167159.573909279.2 | 167159.57 | 3909279.20 | FENCEGRD | 3.42E-07 | 3.31E-07 | 3.20E-07 | 3.11E-07 | 1.00E-08 | 1.20E-07 | 6.50E-09 | 6.39E-09 | 6.28E-09 | 6.18E-09 |
| 167063.260423627390 | 167063.26 | 3909116.61 | FENCEGRD | 1.33E-07 | 1.28E-07 | 1.23E-07 | 1.19E-07 | 2.79E-09 | 7.01E-08 | 2.01E-09 | 1.96E-09 | 1.93E-09 | 1.89E-09 |
| 167066.950847254390 | 167066.95 | 3909093.95 | FENCEGRD | 1.16E-07 | 1.12E-07 | 1.08E-07 | 1.04E-07 | 2.42E-09 | 6.52E-08 | 1.72E-09 | 1.69E-09 | 1.66E-09 | 1.63E-09 |
| 167070.641270881390 | 167070.64 | 3909071.28 | FENCEGRD | 1.01E-07 | 9.75E-08 | 9.40E-08 | 9.10E-08 | 2.11E-09 | 6.03E-08 | 1.48E-09 | 1.45E-09 | 1.43E-09 | 1.41E-09 |
| 167074.331694508390 | 167074.33 | 3909048.62 | FENCEGRD | 8.80E-08 | 8.52E-08 | 8.24E-08 | 8.00E-08 | 1.87E-09 | 5.53E-08 | 1.28E-09 | 1.26E-09 | 1.24E-09 | 1.22E-09 |
| 167078.022118134390 | 167078.02 | 3909025.96 | FENCEGRD | 7.72E-08 | 7.50E-08 | 7.27E-08 | 7.07E-0 | | | | | | |

0<2 Dose

| | | | | 0<2 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 166881.269690926390 | 166881.27 | 3909006.02 | FENCEGRD | 5.67E-08 | 5.53E-08 | 5.39E-08 | 5.27E-08 | 1.73E-09 | 3.57E-08 | 9.85E-10 | 9.73E-10 | 9.62E-10 | 9.53E-10 |
| 166884.886306083908 | 166884.89 | 3908983.81 | FENCEGRD | 5.19E-08 | 5.07E-08 | 4.95E-08 | 4.84E-08 | 1.57E-09 | 3.28E-08 | 8.90E-10 | 8.80E-10 | 8.71E-10 | 8.62E-10 |
| 166888.502921235390 | 166888.50 | 3908961.60 | FENCEGRD | 4.77E-08 | 4.67E-08 | 4.56E-08 | 4.47E-08 | 1.43E-09 | 3.01E-08 | 8.04E-10 | 7.95E-10 | 7.87E-10 | 7.80E-10 |
| 166859.573909139.27 | 166859.57 | 3909139.27 | FENCEGRD | 1.01E-07 | 9.84E-08 | 9.53E-08 | 9.26E-08 | 3.25E-09 | 5.32E-08 | 1.88E-09 | 1.85E-09 | 1.82E-09 | 1.79E-09 |
| 166859.573909162.59 | 166859.57 | 3909162.59 | FENCEGRD | 1.12E-07 | 1.09E-07 | 1.06E-07 | 1.03E-07 | 3.64E-09 | 5.66E-08 | 2.13E-09 | 2.09E-09 | 2.06E-09 | 2.03E-09 |
| 166859.573909185.91 | 166859.57 | 3909185.91 | FENCEGRD | 1.24E-07 | 1.20E-07 | 1.16E-07 | 1.13E-07 | 4.10E-09 | 6.00E-08 | 2.41E-09 | 2.36E-09 | 2.33E-09 | 2.29E-09 |
| 166859.573909209.23 | 166859.57 | 3909209.24 | FENCEGRD | 1.35E-07 | 1.31E-07 | 1.27E-07 | 1.24E-07 | 4.64E-09 | 6.35E-08 | 2.71E-09 | 2.67E-09 | 2.62E-09 | 2.58E-09 |
| 166859.573909232.55 | 166859.57 | 3909232.56 | FENCEGRD | 1.44E-07 | 1.41E-07 | 1.37E-07 | 1.34E-07 | 5.26E-09 | 6.68E-08 | 3.02E-09 | 2.98E-09 | 2.93E-09 | 2.89E-09 |
| 166859.573909255.87 | 166859.57 | 3909255.88 | FENCEGRD | 1.54E-07 | 1.50E-07 | 1.46E-07 | 1.43E-07 | 5.99E-09 | 7.00E-08 | 3.33E-09 | 3.28E-09 | 3.24E-09 | 3.19E-09 |
| 166859.573909279.2 | 166859.57 | 3909279.20 | FENCEGRD | 1.62E-07 | 1.58E-07 | 1.54E-07 | 1.51E-07 | 6.84E-09 | 7.30E-08 | 3.62E-09 | 3.57E-09 | 3.53E-09 | 3.48E-09 |
| 167540.497012865390 | 167540.50 | 3909215.75 | | 2.89E-07 | 2.97E-07 | 3.07E-07 | 3.15E-07 | 1.13E-08 | 1.84E-07 | 2.36E-08 | 2.35E-08 | 2.34E-08 | 2.27E-08 |
| 167541.642759649390 | 167541.64 | 3909179.96 | | 2.26E-07 | 2.22E-07 | 2.23E-07 | 2.23E-07 | 9.18E-09 | 1.79E-07 | 1.58E-08 | 1.44E-08 | 1.30E-08 | 1.17E-08 |
| 167537.739545029390 | 167537.74 | 3909149.96 | | 1.42E-07 | 1.40E-07 | 1.38E-07 | 1.36E-07 | 7.65E-09 | 1.73E-07 | 7.16E-09 | 6.10E-09 | 5.21E-09 | 4.59E-09 |
| 167536.333909120.68 | 167536.33 | 3909120.68 | | 7.41E-08 | 7.23E-08 | 7.21E-08 | 7.19E-08 | 6.97E-09 | 1.65E-07 | 2.47E-09 | 2.20E-09 | 1.98E-09 | 1.85E-09 |
| 167536.333909106.64 | 167536.33 | 3909106.64 | | 5.60E-08 | 5.62E-08 | 5.74E-08 | 5.86E-08 | 6.79E-09 | 1.61E-07 | 1.66E-09 | 1.55E-09 | 1.46E-09 | 1.39E-09 |
| 167534.583909076.82 | 167534.58 | 3909076.82 | | 4.87E-08 | 4.96E-08 | 5.09E-08 | 5.22E-08 | 6.30E-09 | 1.51E-07 | 1.13E-09 | 1.10E-09 | 1.06E-09 | 1.03E-09 |
| 167559.143909104.89 | 167559.14 | 3909104.89 | | 4.78E-08 | 4.83E-08 | 4.89E-08 | 4.97E-08 | 9.75E-09 | 1.76E-07 | 2.02E-09 | 1.87E-09 | 1.75E-09 | 1.65E-09 |
| 167557.393909075.06 | 167557.39 | 3909075.06 | | 4.71E-08 | 4.74E-08 | 4.75E-08 | 4.79E-08 | 8.50E-09 | 1.60E-07 | 1.55E-09 | 1.48E-09 | 1.40E-09 | 1.34E-09 |
| 167589.843909052.25 | 167589.84 | 3909052.25 | | 7.76E-08 | 6.59E-08 | 5.79E-08 | 5.41E-08 | 1.25E-08 | 1.83E-07 | 3.12E-09 | 2.85E-09 | 2.61E-09 | 2.42E-09 |
| 167615.283909003.13 | 167615.28 | 3909003.13 | | 2.43E-07 | 1.97E-07 | 1.57E-07 | 1.34E-07 | 1.34E-08 | 1.83E-07 | 4.12E-09 | 3.81E-09 | 3.53E-09 | 3.29E-09 |
| 167542.473909053.13 | 167542.47 | 3909053.13 | | 4.73E-08 | 4.78E-08 | 4.88E-08 | 4.98E-08 | 6.65E-09 | 1.45E-07 | 1.17E-09 | 1.13E-09 | 1.09E-09 | 1.05E-09 |
| 167566.163909006.64 | 167566.16 | 3909006.64 | | 6.50E-08 | 6.14E-08 | 5.84E-08 | 5.70E-08 | 7.72E-09 | 1.35E-07 | 1.72E-09 | 1.63E-09 | 1.54E-09 | 1.46E-09 |
| 167539.753909198.46 | 167539.75 | 3909198.46 | | 2.67E-07 | 2.70E-07 | 2.76E-07 | 2.80E-07 | 9.50E-09 | 1.80E-07 | 1.99E-08 | 1.91E-08 | 1.82E-08 | 1.70E-08 |
| 167537.083909134.72 | 167537.08 | 3909134.72 | | 1.03E-07 | 1.00E-07 | 9.87E-08 | 9.69E-08 | 7.27E-09 | 1.69E-07 | 4.15E-09 | 3.55E-09 | 3.07E-09 | 2.76E-09 |
| 167535.553909092.74 | 167535.55 | 3909092.74 | | 5.00E-08 | 5.09E-08 | 5.25E-08 | 5.40E-08 | 6.55E-09 | 1.57E-07 | 1.31E-09 | 1.25E-09 | 1.20E-09 | 1.16E-09 |
| 167558.453909089.69 | 167558.45 | 3909089.69 | | 4.68E-08 | 4.73E-08 | 4.80E-08 | 4.84E-08 | 9.08E-09 | 1.68E-07 | 1.69E-09 | 1.60E-09 | 1.51E-09 | 1.44E-09 |
| 167553.493909032.06 | 167553.49 | 3909032.06 | | 4.94E-08 | 4.90E-08 | 4.91E-08 | 4.97E-08 | 7.17E-09 | 1.40E-07 | 1.38E-09 | 1.32E-09 | 1.25E-09 | 1.20E-09 |
| 167601.963909028.24 | 167601.96 | 3909028.24 | | 1.53E-07 | 1.19E-07 | 9.40E-08 | 8.09E-08 | 1.30E-08 | 1.83E-07 | 3.65E-09 | 3.36E-09 | 3.09E-09 | 2.87E-09 |

2<16 Dose

| | | | | 2<16 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167603.820034585390 | 167603.82 | 3909302.48 | FENCEGRD | 1.95E-07 | 2.01E-07 | 2.10E-07 | 2.20E-07 | 4.74E-08 | 5.95E-08 | 4.23E-09 | 4.38E-09 | 4.56E-09 | 4.76E-09 |
| 167615.268534585390 | 167615.27 | 3909280.72 | FENCEGRD | 1.87E-07 | 1.92E-07 | 1.97E-07 | 2.02E-07 | 5.60E-08 | 6.00E-08 | 4.13E-09 | 4.33E-09 | 4.53E-09 | 4.75E-09 |
| 167626.717034585390 | 167626.72 | 3909258.96 | FENCEGRD | 1.72E-07 | 1.76E-07 | 1.78E-07 | 1.79E-07 | 6.24E-08 | 6.15E-08 | 4.32E-09 | 4.54E-09 | 4.78E-09 | 5.03E-09 |
| 167638.165534585390 | 167638.17 | 3909237.19 | FENCEGRD | 1.45E-07 | 1.49E-07 | 1.52E-07 | 1.53E-07 | 6.71E-08 | 6.42E-08 | 4.79E-09 | 5.01E-09 | 5.27E-09 | 5.56E-09 |
| 167649.614034585390 | 167649.61 | 3909215.43 | FENCEGRD | 1.16E-07 | 1.17E-07 | 1.19E-07 | 1.20E-07 | 6.94E-08 | 6.98E-08 | 6.07E-09 | 6.33E-09 | 6.59E-09 | 6.96E-09 |
| 167661.062534585390 | 167661.06 | 3909193.67 | FENCEGRD | 1.12E-07 | 1.05E-07 | 1.00E-07 | 9.93E-08 | 6.82E-08 | 7.98E-08 | 8.67E-09 | 9.11E-09 | 9.54E-09 | 1.01E-08 |
| 167672.511034585390 | 167672.51 | 3909171.91 | FENCEGRD | 1.13E-07 | 1.03E-07 | 9.29E-08 | 8.62E-08 | 6.42E-08 | 9.27E-08 | 1.21E-08 | 1.28E-08 | 1.37E-08 | 1.47E-08 |
| 167683.959534585390 | 167683.96 | 3909150.15 | FENCEGRD | 1.26E-07 | 1.16E-07 | 1.04E-07 | 9.49E-08 | 5.91E-08 | 1.06E-07 | 1.56E-08 | 1.67E-08 | 1.80E-08 | 1.95E-08 |
| 167695.408034585390 | 167695.41 | 3909128.39 | FENCEGRD | 1.77E-07 | 1.81E-07 | 1.88E-07 | 2.12E-07 | 5.43E-08 | 1.19E-07 | 1.87E-08 | 2.00E-08 | 2.17E-08 | 2.34E-08 |
| 167706.856534585390 | 167706.86 | 3909106.63 | FENCEGRD | 4.06E-07 | 4.78E-07 | 5.85E-07 | 7.29E-07 | 5.01E-08 | 1.30E-07 | 2.08E-08 | 2.21E-08 | 2.36E-08 | 2.49E-08 |
| 167718.305034585390 | 167718.31 | 3909084.86 | FENCEGRD | 7.59E-07 | 8.95E-07 | 1.06E-06 | 1.22E-06 | 4.75E-08 | 1.41E-07 | 2.16E-08 | 2.25E-08 | 2.34E-08 | 2.40E-08 |
| 167729.753534585390 | 167729.75 | 3909063.10 | FENCEGRD | 1.10E-06 | 1.23E-06 | 1.36E-06 | 1.46E-06 | 4.49E-08 | 1.52E-07 | 2.13E-08 | 2.17E-08 | 2.21E-08 | 2.22E-08 |
| 167741.202034585390 | 167741.20 | 3909041.34 | FENCEGRD | 1.30E-06 | 1.38E-06 | 1.46E-06 | 1.50E-06 | 4.24E-08 | 1.62E-07 | 2.02E-08 | 2.04E-08 | 2.04E-08 | 2.03E-08 |
| 167752.650534585390 | 167752.65 | 3909019.58 | FENCEGRD | 1.36E-06 | 1.40E-06 | 1.44E-06 | 1.45E-06 | 3.99E-08 | 1.72E-07 | 1.90E-08 | 1.89E-08 | 1.88E-08 | 1.85E-08 |
| 167764.099034585390 | 167764.10 | 3908997.82 | FENCEGRD | 1.32E-06 | 1.34E-06 | 1.35E-06 | 1.34E-06 | 3.75E-08 | 1.81E-07 | 1.75E-08 | 1.74E-08 | 1.71E-08 | 1.69E-08 |
| 167775.547534585390 | 167775.55 | 3908976.06 | FENCEGRD | 1.24E-06 | 1.24E-06 | 1.24E-06 | 1.22E-06 | 3.49E-08 | 1.90E-07 | 1.61E-08 | 1.59E-08 | 1.57E-08 | 1.54E-08 |
| 167786.996034585390 | 167787.00 | 3908954.30 | FENCEGRD | 1.13E-06 | 1.13E-06 | 1.11E-06 | 1.10E-06 | 3.27E-08 | 1.97E-07 | 1.49E-08 | 1.46E-08 | 1.44E-08 | 1.41E-08 |
| 167798.444534585390 | 167798.44 | 3908932.53 | FENCEGRD | 1.02E-06 | 1.01E-06 | 9.89E-07 | 9.69E-07 | 3.01E-08 | 2.05E-07 | 1.36E-08 | 1.34E-08 | 1.31E-08 | 1.29E-08 |
| 167809.893034585390 | 167809.89 | 3908910.77 | FENCEGRD | 9.22E-07 | 9.05E-07 | 8.85E-07 | 8.65E-07 | 2.81E-08 | 2.13E-07 | 1.25E-08 | 1.23E-08 | 1.21E-08 | 1.19E-08 |
| 167821.341534585390 | 167821.34 | 3908889.01 | FENCEGRD | 8.25E-07 | 8.07E-07 | 7.86E-07 | 7.67E-07 | 2.59E-08 | 2.26E-07 | 1.15E-08 | 1.13E-08 | 1.11E-08 | 1.09E-08 |
| 167832.790034585390 | 167832.79 | 3908867.25 | FENCEGRD | 7.44E-07 | 7.26E-07 | 7.08E-07 | 6.90E-07 | 2.44E-08 | 2.42E-07 | 1.07E-08 | 1.05E-08 | 1.03E-08 | 1.02E-08 |
| 167583.765368876390 | 167583.77 | 3909333.07 | FENCEGRD | 2.04E-07 | 2.13E-07 | 2.27E-07 | 2.42E-07 | 3.46E-08 | 6.10E-08 | 4.46E-09 | 4.60E-09 | 4.76E-09 | 4.95E-09 |
| 167625.945051877390 | 167625.95 | 3909314.12 | FENCEGRD | 2.00E-07 | 2.08E-07 | 2.13E-07 | 2.17E-07 | 3.25E-08 | 5.18E-08 | 3.53E-09 | 3.67E-09 | 3.83E-09 | 3.97E-09 |
| 167637.393551877390 | 167637.39 | 3909292.36 | FENCEGRD | 1.90E-07 | 2.00E-07 | 2.09E-07 | 2.14E-07 | 4.02E-08 | 5.26E-08 | 3.51E-09 | 3.65E-09 | 3.81E-09 | 3.97E-09 |
| 167648.842051877390 | 167648.84 | 3909270.60 | FENCEGRD | 1.72E-07 | 1.83E-07 | 1.95E-07 | 2.03E-07 | 4.73E-08 | 5.41E-08 | 3.72E-09 | 3.84E-09 | 3.98E-09 | 4.14E-09 |
| 167660.290551877390 | 167660.29 | 3909248.83 | FENCEGRD | 1.48E-07 | 1.54E-07 | 1.62E-07 | 1.69E-07 | 5.29E-08 | 5.57E-08 | 4.10E-09 | 4.19E-09 | 4.30E-09 | 4.43E-09 |
| 167671.739051877390 | 167671.74 | 3909227.07 | FENCEGRD | 1.55E-07 | 1.52E-07 | 1.49E-07 | 1.48E-07 | 5.78E-08 | 5.91E-08 | 4.91E-09 | 5.02E-09 | 5.13E-09 | 5.27E-09 |
| 167683.187551877390 | 167683.19 | 3909205.31 | FENCEGRD | 1.90E-07 | 1.84E-07 | 1.73E-07 | 1.61E-07 | 6.06E-08 | 6.50E-08 | 6.28E-09 | 6.50E-09 | 6.70E-09 | 6.96E-09 |
| 167694.636051877390 | 167694.64 | 3909183.55 | FENCEGRD | 2.04E-07 | 2.02E-07 | 1.95E-07 | 1.85E-07 | 6.10E-08 | 7.36E-08 | 8.29E-09 | 8.66E-09 | 9.03E-09 | 9.48E-09 |
| 167706.084551877390 | 167706.08 | 3909161.79 | FENCEGRD | 2.13E-07 | 2.10E-07 | 2.01E-07 | 1.90E-07 | 5.90E-08 | 8.38E-08 | 1.08E-08 | 1.13E-08 | 1.19E-08 | 1.26E-08 |
| 167717.533051877390 | 167717.53 | 3909140.03 | FENCEGRD | 2.44E-07 | 2.47E-07 | 2.47E-07 | 2.47E-07 | 5.59E-08 | 9.47E-08 | 1.35E-08 | 1.42E-08 | 1.51E-08 | 1.61E-08 |
| 167728.981551877390 | 167728.98 | 3909118.27 | FENCEGRD | 3.20E-07 | 3.49E-07 | 3.82E-07 | 4.31E-07 | 5.27E-08 | 1.04E-07 | 1.57E-08 | 1.66E-08 | 1.76E-08 | 1.87E-08 |
| 167740.430051877390 | 167740.43 | 3909096.50 | FENCEGRD | 5.01E-07 | 5.66E-07 | 6.51E-07 | 7.51E-07 | 5.02E-08 | 1.14E-07 | 1.74E-08 | 1.83E-08 | 1.93E-08 | 2.02E-08 |
| 167751.878551877390 | 167751.88 | 3909074.74 | FENCEGRD | 7.51E-07 | 8.48E-07 | 9.66E-07 | 1.08E-06 | 4.79E-08 | 1.25E-07 | 1.86E-08 | 1.93E-08 | 2.00E-08 | 2.07E-08 |
| 167763.327051877390 | 167763.33 | 3909052.98 | FENCEGRD | 9.85E-07 | 1.08E-06 | 1.19E-06 | 1.28E-06 | 4.58E-08 | 1.35E-07 | 1.89E-08 | 1.94E-08 | 1.99E-08 | 2.03E-08 |
| 167774.775551877390 | 167774.78 | 3909031.22 | FENCEGRD | 1.13E-06 | 1.21E-06 | 1.29E-06 | 1.35E-06 | 4.29E-08 | 1.45E-07 | 1.86E-08 | 1.88E-08 | 1.91E-08 | 1.92E-08 |
| 167786.224051877390 | 167786.22 | 3909009.46 | FENCEGRD | 1.17E-06 | 1.23E-06 | 1.28E-06 | 1.32E-06 | 3.97E-08 | 1.54E-07 | 1.77E-08 | 1.78E-08 | 1.79E-08 | 1.79E-08 |
| 167797.672551877390 | 167797.67 | 3908987.70 | FENCEGRD | 1.15E-06 | 1.18E-06 | 1.21E-06 | 1.22E-06 | 3.63E-08 | 1.63E-07 | 1.66E-08 | 1.66E-08 | 1.65E-08 | 1.64E-08 |
| 167809.121051877390 | 167809.12 | 3908965.94 | FENCEGRD | 1.09E-06 | 1.11E-06 | 1.12E-06 | 1.12E-06 | 3.35E-08 | 1.73E-07 | 1.55E-08 | 1.54E-08 | 1.52E-08 | 1.51E-08 |
| 167820.569551877390 | 167820.57 | 3908944.17 | FENCEGRD | 1.02E-06 | 1.02E-06 | 1.02E-06 | 1.01E-06 | 3.06E-08 | 1.86E-07 | 1.44E-08 | 1.43E-08 | 1.41E-08 | 1.39E-08 |
| 167832.018051877390 | 167832.02 | 3908922.41 | FENCEGRD | 9.32E-07 | 9.27E-07 | 9.17E-07 | 9.02E-07 | 2.83E-08 | 2.02E-07 | 1.35E-08 | 1.33E-08 | 1.31E-08 | 1.29E-08 |
| 167843.466551877390 | 167843.47 | 3908900.65 | FENCEGRD | 8.25E-07 | 8.17E-07 | 8.06E-07 | 7.92E-07 | 2.64E-08 | 2.23E-07 | 1.28E-08 | 1.25E-08 | 1.23E-08 | 1.21E-08 |
| 167854.915051877390 | 167854.92 | 3908878.89 | FENCEGRD | 7.22E-07 | 7.13E-07 | 7.02E-07 | 6.89E-07 | 2.48E-08 | 2.41E-07 | 1.19E-08 | 1.17E-08 | 1.15E-08 | 1.13E-08 |
| 167610.577017612390 | 167610.58 | 3909342.60 | FENCEGRD | 1.94E-07 | 1.99E-07 | 2.04E-07 | 2.09E-07 | 2.20E-08 | 5.19E-08 | 3.76E-09 | 3.86E-09 | 3.98E-09 | 4.08E-09 |
| 167554.337440276390 | 167554.34 | 3909367.86 | FENCEGRD | 2.28E-07 | 2.43E-07 | 2.63E-07 | 2.82E-07 | 2.37E-08 | 6.38E-08 | 4.75E-09 | 4.93E-09 | 5.13E-09 | 5.34E-09 |
| 167648.070069173909 | 167648.07 | 3909325.76 | FENCEGRD | 1.76E-07 | 1.89E-07 | 2.02E-07 | 2.13E-07 | 2.43E-08 | 4.73E-08 | 3.11E-09 | 3.22E-09 | 3.35E-09 | 3.48E-09 |
| 167659.518569173909 | 167659.52 | 3909304.00 | FENCEGRD | 1.65E-07 | 1.77E-07 | 1.92E-07 | 2.05E-07 | 2.97E-08 | 4.81E-08 | 3.22E-09 | 3.30E-09 | 3.40E-09 | 3.52E-09 |
| 167670.967069173909 | 167670.97 | 3909282.24 | FENCEGRD | 1.54E-07 | 1.63E-07 | 1.74E-07 | 1.85E-07 | 3.56E-08 | 4.93E-08 | 3.47E-09 | 3.53E-09 | 3.60E-09 | 3.68E-09 |
| 167682.415569173909 | 167682.42 | 3909260.47 | FENCEGRD | 1.55E-07 | 1.56E-07 | 1.58E-07 | 1.62E-07 | 4.11E-08 | 5.04E-08 | 3.82E-09 | 3.87E-09 | 3.92E-09 | 3.98E-09 |
| 167693.864069173909 | 167693.86 | 3909238.71 | FENCEGRD | 1.80E-07 | 1.77E-07 | 1.71E-07 | 1.67E-07 | 4.64E-08 | 5.24E-08 | 4.31E-09 | 4.38E-09 | 4.46E-09 | 4.54E-09 |
| 167705.312569173909 | 167705.31 | 3909216.95 | FENCEGRD | 2.20E-07 | 2.25E-07 | 2.25E-07 | 2.23E-07 | 5.16E-08 | 5.67E-08 | 5.17E-09 | 5.31E-09 | 5.44E-09 | 5.59E-09 |
| 167716.761069173909 | 167716.76 | 3909195.19 | FENCEGRD | 2.30E-07 | 2.36E-07 | 2.39E-07 | 2.39E-07 | 5.45E-08 | 6.25E-08 | 6.39E-09 | 6.60E-09 | 6.80E-09 | 7.05E-09 |
| 167728.209569173909 | 167728.21 | 3909173.43 | FENCEGRD | 2.32E-07 | 2.35E-07 | 2.35E-07 | 2.33E-07 | 5.48E-08 | 6.87E-08 | 7.85E-09 | 8.15E-09 | 8.47E-09 | 8.83E-09 |
| 167739.658069173909 | 167739.66 | 3909151.67 | FENCEGRD | 2.32E-07 | 2.35E-07 | 2.35E-07 | 2.34E-07 | 5.38E-08 | 7.57E-08 | 9.60E-09 | 1.00E-08 | 1.05E-08 | 1.10E-08 |
| 167751.106569173909 | 167751.11 | 3909129.91 | FENCEGRD | 2.66E-07 | 2.81E-07 | 2.96E-07 | 3.15E-07 | 5.23E-08 | 8.39E-08 | 1.16E-08 | 1.21E-08 | 1.28E-08 | 1.34E-08 |
| 167762.555069173909 | 167762.56 | 3909108.14 | FENCEGRD | 3.69E-07 | 4.04E-07 | 4.48E-07 | 4.99E-07 | 5.06E-08 | 9.29E-08 | 1.35E-08 | 1.41E-08 | 1.48E-08 | 1.56E-08 |
| 167774.003569173909 | 167774.00 | 3909086.38 | FENCEGRD | 5.25E-07 | 5.86E-07 | 6.62E-07 | 7.41E-07 | 4.88E-08 | 1.03E-07 | 1.50E-08 | 1.57E-08 | 1.64E-08 | 1.71E-08 |
| 167785.452069173909 | 167785.45 | 3909064.62 | FENCEGRD | 7.03E-07 | 7.83E-07 | 8.79E-07 | 9.72E-07 | 4.69E-08 | 1.12E-07 | 1.62E-08 | 1.68E-08 | 1.74E-08 | 1.79E-08 |
| 167796.900569173909 | 167796.90 | 3909042.86 | FENCEGRD | 8.61E-07 | 9.41E-07 | 1.03E-06 | 1.11E-06 | 4.42E-08 | 1.22E-07 | 1.66E-08 | 1.71E-08 | 1.76E-08 | 1.79E-08 |
| 167808.349069173909 | 167808.35 | 3909021.10 | FENCEGRD | 9.60E-07 | 1.03E-06 | 1.10E-06 | 1.16E-06 | 4.10E-08 | 1.32E-07 | 1.66E-08 | 1.69E-08 | 1.72E-08 | 1.74E-08 |
| 167819.797569173908 | 167819.80 | 3908999.34 | FENCEGRD | 1.01E-06 | 1.06E-06 | 1.11E-06 | 1.15E-06 | 3.77E-08 | 1.43E-07 | 1.62E-08 | 1.64E-08 | 1.65E-08 | 1.66E-08 |
| 167831.246069173908 | 167831.25 | 3908977.57 | FENCEGRD | 1.01E-06 | 1.04E-06 | 1.08E-06 | 1. | | | | | | |

2<16 Dose

| | | | | 2<16 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167818.253603755390 | 167818.25 | 3909109.66 | FENCEGRD | 3.22E-07 | 3.46E-07 | 3.75E-07 | 4.05E-07 | 4.43E-08 | 7.27E-08 | 9.46E-09 | 9.81E-09 | 1.02E-08 | 1.06E-08 |
| 167829.702103755390 | 167829.70 | 3909087.90 | FENCEGRD | 4.00E-07 | 4.34E-07 | 4.74E-07 | 5.15E-07 | 4.39E-08 | 7.98E-08 | 1.07E-08 | 1.11E-08 | 1.15E-08 | 1.19E-08 |
| 167841.150603755390 | 167841.15 | 3909066.14 | FENCEGRD | 4.90E-07 | 5.33E-07 | 5.86E-07 | 6.38E-07 | 4.28E-08 | 8.82E-08 | 1.18E-08 | 1.22E-08 | 1.27E-08 | 1.31E-08 |
| 167852.599103755390 | 167852.60 | 3909044.38 | FENCEGRD | 5.81E-07 | 6.32E-07 | 6.94E-07 | 7.52E-07 | 4.12E-08 | 9.80E-08 | 1.28E-08 | 1.32E-08 | 1.36E-08 | 1.40E-08 |
| 167864.047603755390 | 167864.05 | 3909022.62 | FENCEGRD | 6.48E-07 | 7.05E-07 | 7.71E-07 | 8.29E-07 | 3.95E-08 | 1.11E-07 | 1.37E-08 | 1.41E-08 | 1.45E-08 | 1.48E-08 |
| 167875.496103755390 | 167875.50 | 3909000.85 | FENCEGRD | 6.14E-07 | 6.66E-07 | 7.27E-07 | 7.80E-07 | 3.83E-08 | 1.28E-07 | 1.47E-08 | 1.50E-08 | 1.53E-08 | 1.56E-08 |
| 167886.944603755390 | 167886.94 | 3908979.09 | FENCEGRD | 4.74E-07 | 5.10E-07 | 5.55E-07 | 5.94E-07 | 3.64E-08 | 1.39E-07 | 1.47E-08 | 1.50E-08 | 1.53E-08 | 1.56E-08 |
| 167898.393103755390 | 167898.39 | 3908957.33 | FENCEGRD | 4.44E-07 | 4.73E-07 | 5.07E-07 | 5.38E-07 | 3.40E-08 | 1.45E-07 | 1.42E-08 | 1.44E-08 | 1.46E-08 | 1.48E-08 |
| 167909.841603755390 | 167909.84 | 3908935.57 | FENCEGRD | 4.45E-07 | 4.69E-07 | 4.98E-07 | 5.23E-07 | 3.19E-08 | 1.51E-07 | 1.36E-08 | 1.38E-08 | 1.40E-08 | 1.41E-08 |
| 167921.290103755390 | 167921.29 | 3908913.81 | FENCEGRD | 4.97E-07 | 5.19E-07 | 5.44E-07 | 5.65E-07 | 3.02E-08 | 1.61E-07 | 1.32E-08 | 1.33E-08 | 1.34E-08 | 1.35E-08 |
| 167716.119382945390 | 167716.12 | 3909381.50 | FENCEGRD | 3.31E-08 | 3.52E-08 | 3.83E-08 | 4.14E-08 | 1.20E-08 | 3.10E-08 | 2.17E-09 | 2.20E-09 | 2.23E-09 | 2.27E-09 |
| 167675.217872155390 | 167675.22 | 3909399.88 | FENCEGRD | 7.48E-08 | 8.11E-08 | 8.97E-08 | 9.77E-08 | 1.32E-08 | 3.62E-08 | 2.33E-09 | 2.41E-09 | 2.49E-09 | 2.58E-09 |
| 167634.316361365390 | 167634.32 | 3909418.25 | FENCEGRD | 1.42E-07 | 1.48E-07 | 1.54E-07 | 1.59E-07 | 1.10E-08 | 4.05E-08 | 2.84E-09 | 2.92E-09 | 3.01E-09 | 3.09E-09 |
| 167593.414850576390 | 167593.41 | 3909436.62 | FENCEGRD | 1.51E-07 | 1.54E-07 | 1.59E-07 | 1.64E-07 | 1.00E-08 | 4.40E-08 | 3.19E-09 | 3.23E-09 | 3.27E-09 | 3.32E-09 |
| 167552.513339786390 | 167552.51 | 3909454.99 | FENCEGRD | 1.63E-07 | 1.71E-07 | 1.80E-07 | 1.88E-07 | 1.24E-08 | 4.79E-08 | 3.38E-09 | 3.46E-09 | 3.55E-09 | 3.64E-09 |
| 167387.213968908390 | 167387.21 | 3909314.50 | FENCEGRD | 5.46E-07 | 5.53E-07 | 5.57E-07 | 5.59E-07 | 2.58E-08 | 1.42E-07 | 1.31E-08 | 1.32E-08 | 1.32E-08 | 1.31E-08 |
| 167373.391984454390 | 167373.39 | 3909296.85 | FENCEGRD | 5.87E-07 | 5.86E-07 | 5.81E-07 | 5.74E-07 | 1.96E-08 | 1.52E-07 | 1.31E-08 | 1.30E-08 | 1.28E-08 | 1.27E-08 |
| 167748.018638343909 | 167748.02 | 3909350.56 | FENCEGRD | 3.80E-08 | 3.93E-08 | 4.13E-08 | 4.35E-08 | 1.35E-08 | 3.25E-08 | 2.59E-09 | 2.63E-09 | 2.66E-09 | 2.69E-09 |
| 167759.467138343909 | 167759.47 | 3909328.79 | FENCEGRD | 4.33E-08 | 4.44E-08 | 4.60E-08 | 4.79E-08 | 1.53E-08 | 3.39E-08 | 2.83E-09 | 2.88E-09 | 2.93E-09 | 2.97E-09 |
| 167770.915638343909 | 167770.92 | 3909307.03 | FENCEGRD | 5.29E-08 | 5.48E-08 | 5.75E-08 | 6.02E-08 | 1.77E-08 | 3.57E-08 | 3.05E-09 | 3.11E-09 | 3.17E-09 | 3.23E-09 |
| 167782.364138343909 | 167782.36 | 3909285.27 | FENCEGRD | 7.92E-08 | 8.34E-08 | 8.92E-08 | 9.49E-08 | 2.04E-08 | 3.84E-08 | 3.30E-09 | 3.36E-09 | 3.43E-09 | 3.49E-09 |
| 167793.812638343909 | 167793.81 | 3909263.51 | FENCEGRD | 1.10E-07 | 1.16E-07 | 1.25E-07 | 1.32E-07 | 2.31E-08 | 4.02E-08 | 3.48E-09 | 3.54E-09 | 3.60E-09 | 3.66E-09 |
| 167805.261138343909 | 167805.26 | 3909241.75 | FENCEGRD | 1.38E-07 | 1.45E-07 | 1.54E-07 | 1.62E-07 | 2.56E-08 | 4.15E-08 | 3.63E-09 | 3.70E-09 | 3.76E-09 | 3.83E-09 |
| 167816.709638343909 | 167816.71 | 3909219.99 | FENCEGRD | 1.50E-07 | 1.57E-07 | 1.67E-07 | 1.75E-07 | 2.85E-08 | 4.36E-08 | 3.94E-09 | 4.01E-09 | 4.09E-09 | 4.17E-09 |
| 167828.158138343909 | 167828.16 | 3909198.23 | FENCEGRD | 1.57E-07 | 1.65E-07 | 1.76E-07 | 1.85E-07 | 3.12E-08 | 4.64E-08 | 4.43E-09 | 4.53E-09 | 4.62E-09 | 4.73E-09 |
| 167839.606638343909 | 167839.61 | 3909176.46 | FENCEGRD | 1.71E-07 | 1.80E-07 | 1.91E-07 | 2.01E-07 | 3.34E-08 | 4.98E-08 | 5.05E-09 | 5.18E-09 | 5.31E-09 | 5.45E-09 |
| 167851.055138343909 | 167851.06 | 3909154.70 | FENCEGRD | 1.87E-07 | 1.98E-07 | 2.11E-07 | 2.24E-07 | 3.50E-08 | 5.33E-08 | 5.75E-09 | 5.91E-09 | 6.08E-09 | 6.25E-09 |
| 167862.503638343909 | 167862.50 | 3909132.94 | FENCEGRD | 2.17E-07 | 2.32E-07 | 2.50E-07 | 2.68E-07 | 3.61E-08 | 5.71E-08 | 6.49E-09 | 6.68E-09 | 6.88E-09 | 7.09E-09 |
| 167873.952138343909 | 167873.95 | 3909111.18 | FENCEGRD | 2.60E-07 | 2.80E-07 | 3.02E-07 | 3.25E-07 | 3.69E-08 | 6.15E-08 | 7.28E-09 | 7.50E-09 | 7.73E-09 | 7.97E-09 |
| 167885.400638343909 | 167885.40 | 3909089.42 | FENCEGRD | 3.09E-07 | 3.32E-07 | 3.60E-07 | 3.86E-07 | 3.73E-08 | 6.72E-08 | 8.14E-09 | 8.38E-09 | 8.65E-09 | 8.92E-09 |
| 167896.849138343909 | 167896.85 | 3909067.66 | FENCEGRD | 3.54E-07 | 3.81E-07 | 4.13E-07 | 4.44E-07 | 3.73E-08 | 7.44E-08 | 9.05E-09 | 9.32E-09 | 9.62E-09 | 9.93E-09 |
| 167908.297638343909 | 167908.30 | 3909045.90 | FENCEGRD | 3.89E-07 | 4.19E-07 | 4.58E-07 | 4.95E-07 | 3.69E-08 | 8.28E-08 | 9.94E-09 | 1.02E-08 | 1.06E-08 | 1.09E-08 |
| 167919.746138343909 | 167919.75 | 3909024.13 | FENCEGRD | 4.15E-07 | 4.49E-07 | 4.92E-07 | 5.32E-07 | 3.63E-08 | 9.16E-08 | 1.07E-08 | 1.10E-08 | 1.14E-08 | 1.17E-08 |
| 167931.194638343909 | 167931.19 | 3909002.37 | FENCEGRD | 4.36E-07 | 4.72E-07 | 5.15E-07 | 5.54E-07 | 3.54E-08 | 9.99E-08 | 1.13E-08 | 1.16E-08 | 1.19E-08 | 1.22E-08 |
| 167942.643138343908 | 167942.64 | 3908980.61 | FENCEGRD | 4.63E-07 | 4.97E-07 | 5.37E-07 | 5.72E-07 | 3.43E-08 | 1.07E-07 | 1.16E-08 | 1.18E-08 | 1.21E-08 | 1.23E-08 |
| 167954.091638343908 | 167954.09 | 3908958.85 | FENCEGRD | 4.94E-07 | 5.25E-07 | 5.60E-07 | 5.90E-07 | 3.30E-08 | 1.13E-07 | 1.16E-08 | 1.18E-08 | 1.20E-08 | 1.22E-08 |
| 167965.540138343908 | 167965.54 | 3908937.09 | FENCEGRD | 5.22E-07 | 5.48E-07 | 5.78E-07 | 6.02E-07 | 3.18E-08 | 1.19E-07 | 1.15E-08 | 1.17E-08 | 1.19E-08 | 1.20E-08 |
| 167759.189566257390 | 167759.19 | 3909405.31 | FENCEGRD | 1.64E-08 | 1.64E-08 | 1.64E-08 | 1.65E-08 | 5.39E-09 | 1.63E-08 | 1.11E-09 | 1.12E-09 | 1.13E-09 | 1.14E-09 |
| 167737.558959589390 | 167737.56 | 3909415.03 | FENCEGRD | 1.72E-08 | 1.75E-08 | 1.80E-08 | 1.86E-08 | 6.69E-09 | 1.96E-08 | 1.27E-09 | 1.29E-09 | 1.30E-09 | 1.32E-09 |
| 167715.928352922390 | 167715.93 | 3909424.75 | FENCEGRD | 2.56E-08 | 2.70E-08 | 2.90E-08 | 3.10E-08 | 8.85E-09 | 2.51E-08 | 1.57E-09 | 1.60E-09 | 1.63E-09 | 1.67E-09 |
| 167694.297746254390 | 167694.30 | 3909434.46 | FENCEGRD | 5.33E-08 | 5.73E-08 | 6.27E-08 | 6.78E-08 | 1.04E-08 | 3.06E-08 | 1.89E-09 | 1.94E-09 | 2.00E-09 | 2.06E-09 |
| 167672.667139586390 | 167672.67 | 3909444.18 | FENCEGRD | 8.96E-08 | 9.59E-08 | 1.04E-07 | 1.11E-07 | 1.00E-08 | 3.36E-08 | 2.13E-09 | 2.19E-09 | 2.27E-09 | 2.34E-09 |
| 167651.036532919390 | 167651.04 | 3909453.89 | FENCEGRD | 1.16E-07 | 1.22E-07 | 1.29E-07 | 1.34E-07 | 9.04E-09 | 3.55E-08 | 2.37E-09 | 2.44E-09 | 2.52E-09 | 2.59E-09 |
| 167629.405926251390 | 167629.41 | 3909463.61 | FENCEGRD | 1.29E-07 | 1.33E-07 | 1.37E-07 | 1.40E-07 | 8.32E-09 | 3.73E-08 | 2.63E-09 | 2.68E-09 | 2.74E-09 | 2.80E-09 |
| 167607.775319583390 | 167607.78 | 3909473.33 | FENCEGRD | 1.33E-07 | 1.36E-07 | 1.39E-07 | 1.42E-07 | 8.25E-09 | 3.90E-08 | 2.83E-09 | 2.86E-09 | 2.90E-09 | 2.93E-09 |
| 167586.144712916390 | 167586.14 | 3909483.04 | FENCEGRD | 1.35E-07 | 1.38E-07 | 1.42E-07 | 1.46E-07 | 8.96E-09 | 4.05E-08 | 2.91E-09 | 2.93E-09 | 2.97E-09 | 3.00E-09 |
| 167564.514106248390 | 167564.51 | 3909492.76 | FENCEGRD | 1.39E-07 | 1.44E-07 | 1.50E-07 | 1.56E-07 | 1.03E-08 | 4.20E-08 | 2.95E-09 | 2.99E-09 | 3.04E-09 | 3.09E-09 |
| 167542.883499583909 | 167542.88 | 3909502.47 | FENCEGRD | 1.49E-07 | 1.55E-07 | 1.63E-07 | 1.70E-07 | 1.16E-08 | 4.43E-08 | 3.10E-09 | 3.17E-09 | 3.24E-09 | 3.32E-09 |
| 167521.252892913390 | 167521.25 | 3909512.19 | FENCEGRD | 1.65E-07 | 1.72E-07 | 1.82E-07 | 1.91E-07 | 1.28E-08 | 4.81E-08 | 3.42E-09 | 3.51E-09 | 3.61E-09 | 3.70E-09 |
| 167411.905846443909 | 167411.91 | 3909409.89 | FENCEGRD | 3.67E-07 | 3.73E-07 | 3.78E-07 | 3.82E-07 | 4.47E-08 | 9.87E-08 | 8.15E-09 | 8.26E-09 | 8.38E-09 | 8.50E-09 |
| 167397.286439805390 | 167397.29 | 3909391.22 | FENCEGRD | 3.96E-07 | 4.03E-07 | 4.10E-07 | 4.16E-07 | 4.46E-08 | 1.07E-07 | 9.17E-09 | 9.31E-09 | 9.46E-09 | 9.62E-09 |
| 167382.667033171390 | 167382.67 | 3909372.55 | FENCEGRD | 4.34E-07 | 4.43E-07 | 4.51E-07 | 4.59E-07 | 4.07E-08 | 1.16E-07 | 1.05E-08 | 1.06E-08 | 1.08E-08 | 1.09E-08 |
| 167368.047626537390 | 167368.05 | 3909353.88 | FENCEGRD | 4.80E-07 | 4.88E-07 | 4.95E-07 | 5.00E-07 | 3.45E-08 | 1.27E-07 | 1.16E-08 | 1.17E-08 | 1.18E-08 | 1.19E-08 |
| 167353.428219903390 | 167353.43 | 3909335.21 | FENCEGRD | 5.26E-07 | 5.30E-07 | 5.32E-07 | 5.31E-07 | 2.79E-08 | 1.37E-07 | 1.23E-08 | 1.23E-08 | 1.23E-08 | 1.23E-08 |
| 167338.808813268390 | 167338.81 | 3909316.54 | FENCEGRD | 5.56E-07 | 5.54E-07 | 5.48E-07 | 5.41E-07 | 2.20E-08 | 1.46E-07 | 1.22E-08 | 1.21E-08 | 1.20E-08 | 1.18E-08 |
| 167324.189406634390 | 167324.19 | 3909297.87 | FENCEGRD | 5.57E-07 | 5.48E-07 | 5.36E-07 | 5.25E-07 | 1.69E-08 | 1.50E-07 | 1.14E-08 | 1.12E-08 | 1.10E-08 | 1.08E-08 |
| 167780.820172925390 | 167780.82 | 3909395.60 | FENCEGRD | 1.75E-08 | 1.72E-08 | 1.70E-08 | 1.68E-08 | 4.65E-09 | 1.41E-08 | 1.01E-09 | 1.02E-09 | 1.03E-09 | 1.04E-09 |
| 167792.268672925390 | 167792.27 | 3909373.84 | FENCEGRD | 1.93E-08 | 1.90E-08 | 1.87E-08 | 1.84E-08 | 5.26E-09 | 1.49E-08 | 1.12E-09 | 1.14E-09 | 1.15E-09 | 1.17E-09 |
| 167803.717172925390 | 167803.72 | 3909352.07 | FENCEGRD | 2.09E-08 | 2.07E-08 | 2.05E-08 | 2.03E-08 | 6.20E-09 | 1.62E-08 | 1.27E-09 | 1.29E-09 | 1.32E-09 | 1.34E-09 |
| 167815.165672925390 | 167815.17 | 3909330.31 | FENCEGRD | 2.16E-08 | 2.17E-08 | 2.17E-08 | 2.18E-08 | 8.32E-09 | 1.96E-08 | 1.60E-09 | 1.64E-09 | 1.67E-09 | 1.70E-09 |
| 167826.614172925390 | 167826.61 | 3909308.55 | FENCEGRD | 2.67E-08 | 2.72E-08 | 2.79E-08 | 2.86E-08 | 1.18E-08 | 2.54E-08 | 2.15E-09 | 2.20E-09 | 2.24E-09 | 2.28E-09 |
| 167838.062672925390 | 167838.06 | 3909286.79 | FENCEGRD | 4.19E-08 | 4.35E-08 | 4.57E-08 | 4. | | | | | | |

2<16 Dose

| | | | | 2<16 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167656.351475502390 | 167656.35 | 3909494.66 | FENCEGRD | 1.02E-07 | 1.07E-07 | 1.13E-07 | 1.17E-07 | 7.44E-09 | 3.24E-08 | 2.15E-09 | 2.20E-09 | 2.27E-09 | 2.33E-09 |
| 167635.261634001390 | 167635.26 | 3909504.14 | FENCEGRD | 1.12E-07 | 1.16E-07 | 1.20E-07 | 1.23E-07 | 7.15E-09 | 3.40E-08 | 2.39E-09 | 2.44E-09 | 2.50E-09 | 2.54E-09 |
| 167614.171792539095 | 167614.17 | 3909513.61 | FENCEGRD | 1.17E-07 | 1.19E-07 | 1.22E-07 | 1.24E-07 | 7.32E-09 | 3.54E-08 | 2.58E-09 | 2.61E-09 | 2.65E-09 | 2.68E-09 |
| 167593.081950999390 | 167593.08 | 3909523.08 | FENCEGRD | 1.19E-07 | 1.21E-07 | 1.24E-07 | 1.27E-07 | 8.07E-09 | 3.66E-08 | 2.66E-09 | 2.68E-09 | 2.70E-09 | 2.72E-09 |
| 167571.992109498390 | 167571.99 | 3909532.55 | FENCEGRD | 1.22E-07 | 1.25E-07 | 1.29E-07 | 1.33E-07 | 9.12E-09 | 3.77E-08 | 2.67E-09 | 2.69E-09 | 2.72E-09 | 2.75E-09 |
| 167550.902267997390 | 167550.90 | 3909542.03 | FENCEGRD | 1.28E-07 | 1.33E-07 | 1.39E-07 | 1.44E-07 | 1.01E-08 | 3.95E-08 | 2.74E-09 | 2.78E-09 | 2.83E-09 | 2.88E-09 |
| 167529.812426496390 | 167529.81 | 3909551.50 | FENCEGRD | 1.40E-07 | 1.46E-07 | 1.53E-07 | 1.59E-07 | 1.09E-08 | 4.22E-08 | 2.94E-09 | 3.00E-09 | 3.07E-09 | 3.14E-09 |
| 167508.722584995390 | 167508.72 | 3909560.97 | FENCEGRD | 1.56E-07 | 1.63E-07 | 1.71E-07 | 1.79E-07 | 1.22E-08 | 4.61E-08 | 3.29E-09 | 3.37E-09 | 3.45E-09 | 3.54E-09 |
| 167416.363136152390 | 167416.36 | 3909479.43 | FENCEGRD | 2.98E-07 | 3.03E-07 | 3.07E-07 | 3.10E-07 | 2.88E-08 | 8.09E-08 | 6.45E-09 | 6.52E-09 | 6.60E-09 | 6.68E-09 |
| 167402.109214684390 | 167402.11 | 3909461.23 | FENCEGRD | 3.17E-07 | 3.21E-07 | 3.25E-07 | 3.28E-07 | 3.37E-08 | 8.73E-08 | 6.94E-09 | 7.01E-09 | 7.09E-09 | 7.17E-09 |
| 167387.855293216390 | 167387.86 | 3909443.03 | FENCEGRD | 3.38E-07 | 3.43E-07 | 3.47E-07 | 3.50E-07 | 3.87E-08 | 9.31E-08 | 7.54E-09 | 7.62E-09 | 7.72E-09 | 7.81E-09 |
| 167373.601371747390 | 167373.60 | 3909424.82 | FENCEGRD | 3.64E-07 | 3.69E-07 | 3.75E-07 | 3.80E-07 | 4.15E-08 | 9.99E-08 | 8.36E-09 | 8.46E-09 | 8.59E-09 | 8.70E-09 |
| 167359.347450279390 | 167359.35 | 3909406.62 | FENCEGRD | 3.91E-07 | 3.98E-07 | 4.05E-07 | 4.11E-07 | 4.07E-08 | 1.07E-07 | 9.27E-09 | 9.40E-09 | 9.54E-09 | 9.67E-09 |
| 167345.093528813909 | 167345.09 | 3909388.42 | FENCEGRD | 4.23E-07 | 4.30E-07 | 4.37E-07 | 4.43E-07 | 3.74E-08 | 1.14E-07 | 1.02E-08 | 1.03E-08 | 1.05E-08 | 1.06E-08 |
| 167330.839607342390 | 167330.84 | 3909370.21 | FENCEGRD | 4.58E-07 | 4.64E-07 | 4.68E-07 | 4.71E-07 | 3.26E-08 | 1.22E-07 | 1.09E-08 | 1.10E-08 | 1.11E-08 | 1.11E-08 |
| 167316.585685874390 | 167316.59 | 3909352.01 | FENCEGRD | 4.86E-07 | 4.88E-07 | 4.88E-07 | 4.87E-07 | 2.74E-08 | 1.29E-07 | 1.12E-08 | 1.12E-08 | 1.11E-08 | 1.11E-08 |
| 167302.331764405390 | 167302.33 | 3909333.81 | FENCEGRD | 5.04E-07 | 5.02E-07 | 4.96E-07 | 4.90E-07 | 2.25E-08 | 1.36E-07 | 1.10E-08 | 1.09E-08 | 1.08E-08 | 1.07E-08 |
| 167288.077842937390 | 167288.08 | 3909315.61 | FENCEGRD | 5.05E-07 | 4.97E-07 | 4.87E-07 | 4.78E-07 | 1.82E-08 | 1.40E-07 | 1.04E-08 | 1.03E-08 | 1.01E-08 | 9.99E-09 |
| 167273.823921468390 | 167273.82 | 3909297.40 | FENCEGRD | 4.88E-07 | 4.77E-07 | 4.64E-07 | 4.52E-07 | 1.46E-08 | 1.41E-07 | 9.53E-09 | 9.37E-09 | 9.22E-09 | 9.06E-09 |
| 167825.070207513909 | 167825.07 | 3909418.88 | FENCEGRD | 1.90E-08 | 1.88E-08 | 1.85E-08 | 1.82E-08 | 1.89E-09 | 6.79E-09 | 4.74E-10 | 4.76E-10 | 4.78E-10 | 4.80E-10 |
| 167836.518707513909 | 167836.52 | 3909397.12 | FENCEGRD | 2.04E-08 | 2.03E-08 | 2.01E-08 | 2.00E-08 | 2.02E-09 | 6.92E-09 | 4.95E-10 | 4.99E-10 | 5.03E-10 | 5.06E-10 |
| 167847.967207513909 | 167847.97 | 3909375.35 | FENCEGRD | 2.07E-08 | 2.07E-08 | 2.08E-08 | 2.08E-08 | 2.26E-09 | 7.31E-09 | 5.36E-10 | 5.42E-10 | 5.46E-10 | 5.52E-10 |
| 167859.415707509390 | 167859.42 | 3909353.59 | FENCEGRD | 2.00E-08 | 2.01E-08 | 2.02E-08 | 2.03E-08 | 3.04E-09 | 8.76E-09 | 6.68E-10 | 6.77E-10 | 6.84E-10 | 6.93E-10 |
| 167870.864207509390 | 167870.86 | 3909331.83 | FENCEGRD | 1.96E-08 | 1.96E-08 | 1.97E-08 | 1.97E-08 | 5.15E-09 | 1.28E-08 | 1.04E-09 | 1.06E-09 | 1.07E-09 | 1.09E-09 |
| 167882.312707509390 | 167882.31 | 3909310.07 | FENCEGRD | 2.12E-08 | 2.13E-08 | 2.15E-08 | 2.17E-08 | 8.00E-09 | 1.82E-08 | 1.54E-09 | 1.57E-09 | 1.59E-09 | 1.62E-09 |
| 167893.761207509390 | 167893.76 | 3909288.31 | FENCEGRD | 2.56E-08 | 2.60E-08 | 2.64E-08 | 2.69E-08 | 9.98E-09 | 2.13E-08 | 1.83E-09 | 1.86E-09 | 1.89E-09 | 1.93E-09 |
| 167905.209707509390 | 167905.21 | 3909266.55 | FENCEGRD | 2.67E-08 | 2.70E-08 | 2.75E-08 | 2.80E-08 | 1.09E-08 | 2.17E-08 | 1.86E-09 | 1.90E-09 | 1.93E-09 | 1.97E-09 |
| 167916.658207509390 | 167916.66 | 3909244.78 | FENCEGRD | 2.70E-08 | 2.74E-08 | 2.78E-08 | 2.83E-08 | 1.20E-08 | 2.24E-08 | 1.94E-09 | 1.98E-09 | 2.02E-09 | 2.06E-09 |
| 167928.106707509390 | 167928.11 | 3909223.02 | FENCEGRD | 3.17E-08 | 3.23E-08 | 3.32E-08 | 3.42E-08 | 1.41E-08 | 2.56E-08 | 2.27E-09 | 2.32E-09 | 2.36E-09 | 2.42E-09 |
| 167939.555207509390 | 167939.56 | 3909201.26 | FENCEGRD | 4.17E-08 | 4.30E-08 | 4.49E-08 | 4.67E-08 | 1.67E-08 | 3.01E-08 | 2.73E-09 | 2.79E-09 | 2.85E-09 | 2.92E-09 |
| 167951.003707513909 | 167951.00 | 3909179.50 | FENCEGRD | 5.48E-08 | 5.71E-08 | 6.02E-08 | 6.33E-08 | 1.90E-08 | 3.47E-08 | 3.24E-09 | 3.32E-09 | 3.39E-09 | 3.48E-09 |
| 167962.452207513909 | 167962.45 | 3909157.74 | FENCEGRD | 7.13E-08 | 7.51E-08 | 8.02E-08 | 8.53E-08 | 2.09E-08 | 3.89E-08 | 3.76E-09 | 3.86E-09 | 3.95E-09 | 4.05E-09 |
| 167973.900707513909 | 167973.90 | 3909135.98 | FENCEGRD | 9.27E-08 | 9.83E-08 | 1.06E-07 | 1.13E-07 | 2.25E-08 | 4.29E-08 | 4.27E-09 | 4.38E-09 | 4.49E-09 | 4.60E-09 |
| 167985.349207513909 | 167985.35 | 3909114.22 | FENCEGRD | 1.15E-07 | 1.23E-07 | 1.32E-07 | 1.42E-07 | 2.39E-08 | 4.67E-08 | 4.74E-09 | 4.86E-09 | 4.98E-09 | 5.10E-09 |
| 167996.797707513909 | 167996.80 | 3909092.45 | FENCEGRD | 1.46E-07 | 1.56E-07 | 1.68E-07 | 1.79E-07 | 2.50E-08 | 5.06E-08 | 5.19E-09 | 5.32E-09 | 5.44E-09 | 5.57E-09 |
| 168008.246207513909 | 168008.25 | 3909070.69 | FENCEGRD | 1.81E-07 | 1.92E-07 | 2.06E-07 | 2.19E-07 | 2.59E-08 | 5.43E-08 | 5.62E-09 | 5.75E-09 | 5.89E-09 | 6.03E-09 |
| 168019.694707513909 | 168019.69 | 3909048.93 | FENCEGRD | 2.12E-07 | 2.24E-07 | 2.38E-07 | 2.52E-07 | 2.66E-08 | 5.81E-08 | 6.05E-09 | 6.19E-09 | 6.34E-09 | 6.49E-09 |
| 168031.143207513909 | 168031.14 | 3909027.17 | FENCEGRD | 2.38E-07 | 2.51E-07 | 2.67E-07 | 2.83E-07 | 2.70E-08 | 6.20E-08 | 6.48E-09 | 6.64E-09 | 6.80E-09 | 6.96E-09 |
| 168042.591707513909 | 168042.59 | 3909005.41 | FENCEGRD | 2.64E-07 | 2.79E-07 | 2.98E-07 | 3.15E-07 | 2.73E-08 | 6.61E-08 | 6.92E-09 | 7.08E-09 | 7.26E-09 | 7.43E-09 |
| 168054.040207513908 | 168054.04 | 3908983.65 | FENCEGRD | 2.93E-07 | 3.10E-07 | 3.30E-07 | 3.49E-07 | 2.76E-08 | 7.04E-08 | 7.36E-09 | 7.52E-09 | 7.70E-09 | 7.87E-09 |
| 167892.145675789390 | 167892.15 | 3909475.06 | FENCEGRD | 1.92E-08 | 1.91E-08 | 1.91E-08 | 1.90E-08 | 1.46E-09 | 5.35E-09 | 3.97E-10 | 3.98E-10 | 4.00E-10 | 4.01E-10 |
| 167870.721074939094 | 167870.72 | 3909484.68 | FENCEGRD | 1.80E-08 | 1.79E-08 | 1.77E-08 | 1.75E-08 | 1.46E-09 | 5.46E-09 | 3.95E-10 | 3.96E-10 | 3.97E-10 | 3.97E-10 |
| 167849.296474013909 | 167849.30 | 3909494.31 | FENCEGRD | 1.65E-08 | 1.64E-08 | 1.62E-08 | 1.61E-08 | 1.46E-09 | 5.63E-09 | 3.87E-10 | 3.87E-10 | 3.87E-10 | 3.87E-10 |
| 167827.871873123909 | 167827.87 | 3909503.93 | FENCEGRD | 1.53E-08 | 1.52E-08 | 1.51E-08 | 1.51E-08 | 1.51E-09 | 5.98E-09 | 3.78E-10 | 3.79E-10 | 3.78E-10 | 3.78E-10 |
| 167806.447272233909 | 167806.45 | 3909513.55 | FENCEGRD | 1.46E-08 | 1.46E-08 | 1.46E-08 | 1.47E-08 | 1.71E-09 | 6.90E-09 | 3.94E-10 | 3.96E-10 | 3.96E-10 | 3.98E-10 |
| 167785.022671343909 | 167785.02 | 3909523.18 | FENCEGRD | 1.45E-08 | 1.46E-08 | 1.48E-08 | 1.50E-08 | 2.38E-09 | 9.25E-09 | 5.02E-10 | 5.07E-10 | 5.11E-10 | 5.16E-10 |
| 167763.598070453909 | 167763.60 | 3909532.80 | FENCEGRD | 1.58E-08 | 1.62E-08 | 1.68E-08 | 1.73E-08 | 3.63E-09 | 1.33E-08 | 7.23E-10 | 7.36E-10 | 7.47E-10 | 7.60E-10 |
| 167742.173469563909 | 167742.17 | 3909542.42 | FENCEGRD | 2.25E-08 | 2.36E-08 | 2.50E-08 | 2.63E-08 | 4.96E-09 | 1.78E-08 | 9.99E-10 | 1.02E-09 | 1.04E-09 | 1.07E-09 |
| 167720.748868671390 | 167720.75 | 3909552.05 | FENCEGRD | 3.47E-08 | 3.66E-08 | 3.92E-08 | 4.16E-08 | 5.66E-09 | 2.15E-08 | 1.25E-09 | 1.28E-09 | 1.31E-09 | 1.35E-09 |
| 167699.324267781390 | 167699.32 | 3909561.67 | FENCEGRD | 4.76E-08 | 5.04E-08 | 5.41E-08 | 5.74E-08 | 5.76E-09 | 2.40E-08 | 1.47E-09 | 1.50E-09 | 1.54E-09 | 1.59E-09 |
| 167677.899666891390 | 167677.90 | 3909571.29 | FENCEGRD | 5.92E-08 | 6.26E-08 | 6.68E-08 | 7.05E-08 | 5.64E-09 | 2.59E-08 | 1.68E-09 | 1.72E-09 | 1.77E-09 | 1.82E-09 |
| 167656.475066001390 | 167656.48 | 3909580.92 | FENCEGRD | 7.07E-08 | 7.40E-08 | 7.79E-08 | 8.10E-08 | 5.69E-09 | 2.76E-08 | 1.90E-09 | 1.95E-09 | 2.00E-09 | 2.04E-09 |
| 167635.050465111390 | 167635.05 | 3909590.54 | FENCEGRD | 8.41E-08 | 8.67E-08 | 8.94E-08 | 9.16E-08 | 6.01E-09 | 2.91E-08 | 2.11E-09 | 2.14E-09 | 2.18E-09 | 2.22E-09 |
| 167613.625864221390 | 167613.63 | 3909600.17 | FENCEGRD | 9.18E-08 | 9.35E-08 | 9.52E-08 | 9.68E-08 | 6.56E-09 | 3.02E-08 | 2.22E-09 | 2.25E-09 | 2.27E-09 | 2.29E-09 |
| 167592.201263331390 | 167592.20 | 3909609.79 | FENCEGRD | 9.62E-08 | 9.77E-08 | 9.97E-08 | 1.02E-07 | 7.25E-09 | 3.12E-08 | 2.25E-09 | 2.27E-09 | 2.28E-09 | 2.30E-09 |
| 167570.776662442390 | 167570.78 | 3909619.41 | FENCEGRD | 1.01E-07 | 1.04E-07 | 1.06E-07 | 1.09E-07 | 7.98E-09 | 3.25E-08 | 2.28E-09 | 2.30E-09 | 2.32E-09 | 2.34E-09 |
| 167549.352061552390 | 167549.35 | 3909629.04 | FENCEGRD | 1.09E-07 | 1.12E-07 | 1.17E-07 | 1.21E-07 | 8.75E-09 | 3.45E-08 | 2.38E-09 | 2.42E-09 | 2.45E-09 | 2.48E-09 |
| 167527.927460662390 | 167527.93 | 3909638.66 | FENCEGRD | 1.20E-07 | 1.24E-07 | 1.30E-07 | 1.35E-07 | 9.66E-09 | 3.75E-08 | 2.60E-09 | 2.64E-09 | 2.69E-09 | 2.74E-09 |
| 167518.002116919390 | 167518.00 | 3909600.16 | FENCEGRD | 1.35E-07 | 1.40E-07 | 1.47E-07 | 1.54E-07 | 1.06E-08 | 4.12E-08 | 2.88E-09 | 2.94E-09 | 3.00E-09 | 3.07E-09 |
| 167385.289837416390 | 167385.29 | 3909619.12 | FENCEGRD | 1.88E-07 | 1.92E-07 | 1.94E-07 | 1.97E-07 | 1.62E-08 | 5.81E-08 | 4.27E-09 | 4.32E-09 | 4.37E-09 | 4.41E-09 |
| 167391.252787042390 | 167391.25 | 3909575.07 | FENCEGRD | 2.21E-07 | 2.25E-07 | 2.28E-07 | 2.31E-07 | 1.95E-08 | 6.58E-08 | 4.96E-09 | 5.00E-09 | 5.06E-09 | 5.12E-09 |
| 167376.772612852390 | 167376.77 | 3909556.58 | FENCEGRD | 2.41E-07 | 2.44E-07 | 2.47E-07 | 2. | | | | | | |

2<16 Dose

| | | | | 2<16 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.158276679390 | 168005.16 | 3909291.34 | FENCEGRD | 2.17E-08 | 2.18E-08 | 2.20E-08 | 2.21E-08 | 4.50E-09 | 1.11E-08 | 8.72E-10 | 8.86E-10 | 8.97E-10 | 9.10E-10 |
| 168016.606776679390 | 168016.61 | 3909269.58 | FENCEGRD | 2.34E-08 | 2.37E-08 | 2.40E-08 | 2.44E-08 | 6.48E-09 | 1.51E-08 | 1.20E-09 | 1.22E-09 | 1.24E-09 | 1.26E-09 |
| 168028.055276679390 | 168028.06 | 3909247.82 | FENCEGRD | 2.88E-08 | 2.94E-08 | 3.01E-08 | 3.09E-08 | 8.43E-09 | 1.93E-08 | 1.55E-09 | 1.57E-09 | 1.60E-09 | 1.63E-09 |
| 168039.503776679390 | 168039.50 | 3909226.06 | FENCEGRD | 3.61E-08 | 3.70E-08 | 3.83E-08 | 3.95E-08 | 1.00E-08 | 2.28E-08 | 1.84E-09 | 1.87E-09 | 1.90E-09 | 1.94E-09 |
| 168050.952276679390 | 168050.95 | 3909204.30 | FENCEGRD | 4.42E-08 | 4.56E-08 | 4.74E-08 | 4.93E-08 | 1.14E-08 | 2.59E-08 | 2.13E-09 | 2.17E-09 | 2.21E-09 | 2.25E-09 |
| 168062.400776679390 | 168062.40 | 3909182.54 | FENCEGRD | 5.44E-08 | 5.66E-08 | 5.94E-08 | 6.21E-08 | 1.27E-08 | 2.89E-08 | 2.45E-09 | 2.50E-09 | 2.54E-09 | 2.59E-09 |
| 168073.849276679390 | 168073.85 | 3909160.77 | FENCEGRD | 6.73E-08 | 7.05E-08 | 7.43E-08 | 7.81E-08 | 1.39E-08 | 3.17E-08 | 2.78E-09 | 2.83E-09 | 2.89E-09 | 2.94E-09 |
| 168085.297776679390 | 168085.30 | 3909139.01 | FENCEGRD | 8.29E-08 | 8.69E-08 | 9.18E-08 | 9.65E-08 | 1.49E-08 | 3.42E-08 | 3.10E-09 | 3.16E-09 | 3.22E-09 | 3.28E-09 |
| 168096.746276679390 | 168096.75 | 3909117.25 | FENCEGRD | 9.96E-08 | 1.04E-07 | 1.10E-07 | 1.16E-07 | 1.59E-08 | 3.66E-08 | 3.40E-09 | 3.46E-09 | 3.53E-09 | 3.60E-09 |
| 168108.194776679390 | 168108.19 | 3909095.49 | FENCEGRD | 1.18E-07 | 1.24E-07 | 1.31E-07 | 1.38E-07 | 1.69E-08 | 3.89E-08 | 3.68E-09 | 3.74E-09 | 3.81E-09 | 3.88E-09 |
| 168119.643276679390 | 168119.64 | 3909073.73 | FENCEGRD | 1.37E-07 | 1.43E-07 | 1.51E-07 | 1.59E-07 | 1.79E-08 | 4.13E-08 | 3.94E-09 | 4.01E-09 | 4.08E-09 | 4.15E-09 |
| 168131.091776679390 | 168131.09 | 3909051.97 | FENCEGRD | 1.54E-07 | 1.61E-07 | 1.70E-07 | 1.77E-07 | 1.88E-08 | 4.38E-08 | 4.20E-09 | 4.27E-09 | 4.35E-09 | 4.42E-09 |
| 168142.540276679390 | 168142.54 | 3909030.21 | FENCEGRD | 1.70E-07 | 1.77E-07 | 1.85E-07 | 1.93E-07 | 1.97E-08 | 4.65E-08 | 4.47E-09 | 4.55E-09 | 4.63E-09 | 4.71E-09 |
| 167980.439739182390 | 167980.44 | 3909521.71 | FENCEGRD | 1.81E-08 | 1.82E-08 | 1.84E-08 | 1.85E-08 | 1.33E-09 | 4.90E-09 | 3.64E-10 | 3.66E-10 | 3.67E-10 | 3.69E-10 |
| 167958.809132514390 | 167958.81 | 3909531.43 | FENCEGRD | 1.82E-08 | 1.83E-08 | 1.84E-08 | 1.84E-08 | 1.30E-09 | 4.84E-09 | 3.63E-10 | 3.65E-10 | 3.67E-10 | 3.68E-10 |
| 167937.178525846390 | 167937.18 | 3909541.14 | FENCEGRD | 1.77E-08 | 1.77E-08 | 1.76E-08 | 1.76E-08 | 1.29E-09 | 4.83E-09 | 3.63E-10 | 3.64E-10 | 3.65E-10 | 3.66E-10 |
| 167915.547919179390 | 167915.55 | 3909550.86 | FENCEGRD | 1.66E-08 | 1.66E-08 | 1.64E-08 | 1.64E-08 | 1.28E-09 | 4.86E-09 | 3.58E-10 | 3.59E-10 | 3.59E-10 | 3.60E-10 |
| 167893.917312511390 | 167893.92 | 3909560.58 | FENCEGRD | 1.54E-08 | 1.53E-08 | 1.52E-08 | 1.51E-08 | 1.29E-09 | 4.96E-09 | 3.50E-10 | 3.50E-10 | 3.50E-10 | 3.50E-10 |
| 167872.286705843390 | 167872.29 | 3909570.29 | FENCEGRD | 1.44E-08 | 1.43E-08 | 1.42E-08 | 1.42E-08 | 1.34E-09 | 5.26E-09 | 3.45E-10 | 3.45E-10 | 3.45E-10 | 3.45E-10 |
| 167850.656099176390 | 167850.66 | 3909580.01 | FENCEGRD | 1.37E-08 | 1.37E-08 | 1.37E-08 | 1.37E-08 | 1.54E-09 | 6.14E-09 | 3.68E-10 | 3.69E-10 | 3.69E-10 | 3.71E-10 |
| 167829.025492508390 | 167829.03 | 3909589.72 | FENCEGRD | 1.35E-08 | 1.35E-08 | 1.36E-08 | 1.37E-08 | 2.08E-09 | 8.03E-09 | 4.56E-10 | 4.60E-10 | 4.62E-10 | 4.66E-10 |
| 167807.394885843909 | 167807.39 | 3909599.44 | FENCEGRD | 1.45E-08 | 1.47E-08 | 1.51E-08 | 1.54E-08 | 2.93E-09 | 1.09E-08 | 6.07E-10 | 6.15E-10 | 6.21E-10 | 6.29E-10 |
| 167785.764279173390 | 167785.76 | 3909609.16 | FENCEGRD | 1.93E-08 | 1.99E-08 | 2.09E-08 | 2.18E-08 | 3.87E-09 | 1.44E-08 | 8.00E-10 | 8.12E-10 | 8.25E-10 | 8.38E-10 |
| 167764.133672505390 | 167764.13 | 3909618.87 | FENCEGRD | 2.89E-08 | 3.02E-08 | 3.19E-08 | 3.35E-08 | 4.47E-09 | 1.76E-08 | 9.86E-10 | 1.00E-09 | 1.02E-09 | 1.04E-09 |
| 167742.503065837390 | 167742.50 | 3909628.59 | FENCEGRD | 4.03E-08 | 4.22E-08 | 4.46E-08 | 4.68E-08 | 4.56E-09 | 2.00E-08 | 1.14E-09 | 1.16E-09 | 1.18E-09 | 1.21E-09 |
| 167720.872459173909 | 167720.87 | 3909638.30 | FENCEGRD | 5.07E-08 | 5.31E-08 | 5.60E-08 | 5.87E-08 | 4.41E-09 | 2.16E-08 | 1.27E-09 | 1.29E-09 | 1.32E-09 | 1.35E-09 |
| 167699.241852502390 | 167699.24 | 3909648.02 | FENCEGRD | 6.00E-08 | 6.27E-08 | 6.60E-08 | 6.89E-08 | 4.33E-09 | 2.30E-08 | 1.41E-09 | 1.43E-09 | 1.47E-09 | 1.50E-09 |
| 167677.611245834390 | 167677.61 | 3909657.74 | FENCEGRD | 6.89E-08 | 7.17E-08 | 7.48E-08 | 7.75E-08 | 4.43E-09 | 2.42E-08 | 1.55E-09 | 1.58E-09 | 1.62E-09 | 1.65E-09 |
| 167655.980639167390 | 167655.98 | 3909667.45 | FENCEGRD | 7.68E-08 | 7.92E-08 | 8.18E-08 | 8.39E-08 | 4.74E-09 | 2.54E-08 | 1.71E-09 | 1.73E-09 | 1.77E-09 | 1.79E-09 |
| 167634.350032499390 | 167634.35 | 3909677.17 | FENCEGRD | 8.32E-08 | 8.51E-08 | 8.71E-08 | 8.87E-08 | 5.28E-09 | 2.66E-08 | 1.85E-09 | 1.87E-09 | 1.90E-09 | 1.92E-09 |
| 167612.719425831390 | 167612.72 | 3909686.88 | FENCEGRD | 8.71E-08 | 8.86E-08 | 9.03E-08 | 9.19E-08 | 5.98E-09 | 2.78E-08 | 1.96E-09 | 1.98E-09 | 2.00E-09 | 2.01E-09 |
| 167591.088819164390 | 167591.09 | 3909696.60 | FENCEGRD | 9.10E-08 | 9.27E-08 | 9.48E-08 | 9.69E-08 | 6.83E-09 | 2.91E-08 | 2.06E-09 | 2.08E-09 | 2.09E-09 | 2.11E-09 |
| 167569.458212496390 | 167569.46 | 3909706.32 | FENCEGRD | 9.71E-08 | 9.93E-08 | 1.02E-07 | 1.05E-07 | 7.80E-09 | 3.11E-08 | 2.18E-09 | 2.20E-09 | 2.22E-09 | 2.25E-09 |
| 167547.827605829390 | 167547.83 | 3909716.03 | FENCEGRD | 1.02E-07 | 1.05E-07 | 1.08E-07 | 1.12E-07 | 8.49E-09 | 3.27E-08 | 2.29E-09 | 2.32E-09 | 2.35E-09 | 2.38E-09 |
| 167482.935785826390 | 167482.94 | 3909745.18 | FENCEGRD | 1.11E-07 | 1.12E-07 | 1.14E-07 | 1.15E-07 | 8.16E-09 | 3.68E-08 | 2.45E-09 | 2.47E-09 | 2.50E-09 | 2.52E-09 |
| 167461.305179158390 | 167461.31 | 3909754.90 | FENCEGRD | 1.09E-07 | 1.10E-07 | 1.12E-07 | 1.14E-07 | 8.15E-09 | 3.65E-08 | 2.45E-09 | 2.47E-09 | 2.50E-09 | 2.52E-09 |
| 167425.055165856390 | 167425.06 | 3909745.94 | FENCEGRD | 1.17E-07 | 1.18E-07 | 1.20E-07 | 1.21E-07 | 9.18E-09 | 3.91E-08 | 2.68E-09 | 2.70E-09 | 2.73E-09 | 2.76E-09 |
| 167410.435759222390 | 167410.44 | 3909727.27 | FENCEGRD | 1.25E-07 | 1.27E-07 | 1.29E-07 | 1.30E-07 | 1.01E-08 | 4.15E-08 | 2.88E-09 | 2.91E-09 | 2.94E-09 | 2.97E-09 |
| 167395.816352588390 | 167395.82 | 3909708.60 | FENCEGRD | 1.34E-07 | 1.36E-07 | 1.38E-07 | 1.40E-07 | 1.11E-08 | 4.39E-08 | 3.09E-09 | 3.12E-09 | 3.15E-09 | 3.18E-09 |
| 167381.196945953390 | 167381.20 | 3909689.93 | FENCEGRD | 1.43E-07 | 1.45E-07 | 1.48E-07 | 1.49E-07 | 1.21E-08 | 4.65E-08 | 3.31E-09 | 3.34E-09 | 3.38E-09 | 3.41E-09 |
| 167366.577539319390 | 167366.58 | 3909671.26 | FENCEGRD | 1.56E-07 | 1.58E-07 | 1.61E-07 | 1.63E-07 | 1.36E-08 | 5.00E-08 | 3.62E-09 | 3.65E-09 | 3.69E-09 | 3.73E-09 |
| 167351.958132685390 | 167351.96 | 3909652.59 | FENCEGRD | 1.72E-07 | 1.75E-07 | 1.77E-07 | 1.79E-07 | 1.54E-08 | 5.47E-08 | 4.02E-09 | 4.06E-09 | 4.10E-09 | 4.14E-09 |
| 167337.338726051390 | 167337.34 | 3909633.92 | FENCEGRD | 1.91E-07 | 1.93E-07 | 1.96E-07 | 1.97E-07 | 1.74E-08 | 6.00E-08 | 4.48E-09 | 4.52E-09 | 4.56E-09 | 4.60E-09 |
| 167322.719319416390 | 167322.72 | 3909615.25 | FENCEGRD | 2.08E-07 | 2.10E-07 | 2.12E-07 | 2.13E-07 | 1.94E-08 | 6.49E-08 | 4.90E-09 | 4.93E-09 | 4.97E-09 | 5.01E-09 |
| 167308.099912782390 | 167308.10 | 3909596.58 | FENCEGRD | 2.22E-07 | 2.24E-07 | 2.26E-07 | 2.27E-07 | 2.14E-08 | 6.92E-08 | 5.27E-09 | 5.30E-09 | 5.34E-09 | 5.37E-09 |
| 167293.480506148390 | 167293.48 | 3909577.92 | FENCEGRD | 2.35E-07 | 2.37E-07 | 2.39E-07 | 2.40E-07 | 2.37E-08 | 7.28E-08 | 5.60E-09 | 5.63E-09 | 5.67E-09 | 5.71E-09 |
| 167278.861099514390 | 167278.86 | 3909559.25 | FENCEGRD | 2.49E-07 | 2.51E-07 | 2.53E-07 | 2.56E-07 | 2.65E-08 | 7.67E-08 | 5.99E-09 | 6.03E-09 | 6.08E-09 | 6.13E-09 |
| 167264.241692879390 | 167264.24 | 3909540.58 | FENCEGRD | 2.68E-07 | 2.71E-07 | 2.74E-07 | 2.76E-07 | 2.94E-08 | 8.17E-08 | 6.53E-09 | 6.59E-09 | 6.65E-09 | 6.72E-09 |
| 167249.622286245390 | 167249.62 | 3909521.91 | FENCEGRD | 2.89E-07 | 2.93E-07 | 2.96E-07 | 2.99E-07 | 3.15E-08 | 8.72E-08 | 7.15E-09 | 7.22E-09 | 7.30E-09 | 7.37E-09 |
| 167235.002879611390 | 167235.00 | 3909503.24 | FENCEGRD | 3.11E-07 | 3.15E-07 | 3.18E-07 | 3.22E-07 | 3.23E-08 | 9.27E-08 | 7.77E-09 | 7.84E-09 | 7.92E-09 | 7.98E-09 |
| 167220.383472977390 | 167220.38 | 3909484.57 | FENCEGRD | 3.34E-07 | 3.38E-07 | 3.40E-07 | 3.43E-07 | 3.20E-08 | 9.87E-08 | 8.36E-09 | 8.42E-09 | 8.47E-09 | 8.52E-09 |
| 167205.764066342390 | 167205.76 | 3909465.90 | FENCEGRD | 3.53E-07 | 3.56E-07 | 3.57E-07 | 3.57E-07 | 3.05E-08 | 1.04E-07 | 8.75E-09 | 8.78E-09 | 8.81E-09 | 8.83E-09 |
| 167191.144659708390 | 167191.14 | 3909447.23 | FENCEGRD | 3.68E-07 | 3.68E-07 | 3.67E-07 | 3.66E-07 | 2.84E-08 | 1.09E-07 | 8.94E-09 | 8.94E-09 | 8.94E-09 | 8.93E-09 |
| 167176.525253074390 | 167176.53 | 3909428.56 | FENCEGRD | 3.76E-07 | 3.75E-07 | 3.72E-07 | 3.69E-07 | 2.60E-08 | 1.13E-07 | 8.93E-09 | 8.90E-09 | 8.86E-09 | 8.82E-09 |
| 167161.905846443909 | 167161.91 | 3909409.89 | FENCEGRD | 3.78E-07 | 3.75E-07 | 3.69E-07 | 3.65E-07 | 2.34E-08 | 1.16E-07 | 8.73E-09 | 8.67E-09 | 8.61E-09 | 8.54E-09 |
| 167147.286439805390 | 167147.29 | 3909391.22 | FENCEGRD | 3.74E-07 | 3.69E-07 | 3.62E-07 | 3.56E-07 | 2.09E-08 | 1.18E-07 | 8.39E-09 | 8.31E-09 | 8.23E-09 | 8.15E-09 |
| 167132.667033171390 | 167132.67 | 3909372.55 | FENCEGRD | 3.62E-07 | 3.56E-07 | 3.48E-07 | 3.41E-07 | 1.84E-08 | 1.18E-07 | 7.91E-09 | 7.82E-09 | 7.73E-09 | 7.64E-09 |
| 167118.047626537390 | 167118.05 | 3909353.88 | FENCEGRD | 3.46E-07 | 3.38E-07 | 3.30E-07 | 3.22E-07 | 1.61E-08 | 1.17E-07 | 7.37E-09 | 7.28E-09 | 7.19E-09 | 7.10E-09 |
| 167103.428219903390 | 167103.43 | 3909335.21 | FENCEGRD | 3.27E-07 | 3.19E-07 | 3.10E-07 | 3.02E-07 | 1.39E-08 | 1.14E-07 | 6.82E-09 | 6.72E-09 | 6.63E-09 | 6.54E-09 |
| 167088.808813268390 | 167088.81 | 3909316.54 | FENCEGRD | 3.05E-07 | 2.97E-07 | 2.88E-07 | 2.81E-07 | 1.20E-08 | 1.11E-07 | 6.26E-09 | 6.17E-09 | 6.08E-09 | 6.00E-09 |
| 167074.189406634390 | 167074.19 | 3909297.87 | FENCEGRD | 2.82E-07 | 2.74E-07 | 2.66E-07 | 2.59E-07 | 1.02E-08 | 1.06E-07 | 5.72E-09 | 5.63E-09 | 5.55E-09 | 5.47E-09 |
| 168002.070345849390 | 168002.07 | 3909511.99 | FENCEGRD | 1.75E-08 | 1.77E-08 | 1.79E-08 | 1. | | | | | | |

2<16 Dose

| | | | | 2<16 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168025.259938113390 | 168025.26 | 3909587.89 | FENCEGRD | 1.88E-08 | 1.90E-08 | 1.93E-08 | 1.95E-08 | 2.59E-09 | 8.82E-09 | 6.91E-10 | 6.99E-10 | 7.06E-10 | 7.14E-10 |
| 168003.489779144390 | 168003.49 | 3909597.67 | FENCEGRD | 1.85E-08 | 1.87E-08 | 1.89E-08 | 1.90E-08 | 2.58E-09 | 8.75E-09 | 6.94E-10 | 7.02E-10 | 7.09E-10 | 7.16E-10 |
| 167981.719620175390 | 167981.72 | 3909607.45 | FENCEGRD | 1.79E-08 | 1.79E-08 | 1.80E-08 | 1.81E-08 | 2.57E-09 | 8.73E-09 | 6.95E-10 | 7.03E-10 | 7.08E-10 | 7.15E-10 |
| 167959.949461207390 | 167959.95 | 3909617.23 | FENCEGRD | 1.64E-08 | 1.64E-08 | 1.64E-08 | 1.65E-08 | 2.41E-09 | 8.30E-09 | 6.50E-10 | 6.56E-10 | 6.60E-10 | 6.64E-10 |
| 167938.179302238390 | 167938.18 | 3909627.00 | FENCEGRD | 1.49E-08 | 1.49E-08 | 1.49E-08 | 1.49E-08 | 2.25E-09 | 7.85E-09 | 5.90E-10 | 5.94E-10 | 5.96E-10 | 6.00E-10 |
| 167916.409143269390 | 167916.41 | 3909636.78 | FENCEGRD | 1.42E-08 | 1.42E-08 | 1.42E-08 | 1.43E-08 | 2.35E-09 | 8.13E-09 | 5.81E-10 | 5.85E-10 | 5.87E-10 | 5.90E-10 |
| 167894.638984339090 | 167894.64 | 3909646.56 | FENCEGRD | 1.41E-08 | 1.42E-08 | 1.44E-08 | 1.45E-08 | 2.62E-09 | 8.97E-09 | 6.05E-10 | 6.10E-10 | 6.12E-10 | 6.16E-10 |
| 167872.868825332390 | 167872.87 | 3909656.34 | FENCEGRD | 1.54E-08 | 1.57E-08 | 1.60E-08 | 1.63E-08 | 3.06E-09 | 1.04E-08 | 6.66E-10 | 6.72E-10 | 6.75E-10 | 6.80E-10 |
| 167851.098666363390 | 167851.10 | 3909666.12 | FENCEGRD | 1.93E-08 | 1.98E-08 | 2.04E-08 | 2.11E-08 | 3.61E-09 | 1.25E-08 | 7.59E-10 | 7.66E-10 | 7.72E-10 | 7.79E-10 |
| 167829.328507394390 | 167829.33 | 3909675.90 | FENCEGRD | 2.61E-08 | 2.69E-08 | 2.80E-08 | 2.91E-08 | 3.97E-09 | 1.46E-08 | 8.50E-10 | 8.59E-10 | 8.67E-10 | 8.76E-10 |
| 167807.558348426390 | 167807.56 | 3909685.68 | FENCEGRD | 3.38E-08 | 3.49E-08 | 3.64E-08 | 3.78E-08 | 3.99E-09 | 1.63E-08 | 9.13E-10 | 9.24E-10 | 9.35E-10 | 9.46E-10 |
| 167785.788189457390 | 167785.79 | 3909695.46 | FENCEGRD | 4.06E-08 | 4.21E-08 | 4.39E-08 | 4.56E-08 | 3.81E-09 | 1.76E-08 | 9.67E-10 | 9.80E-10 | 9.95E-10 | 1.01E-09 |
| 167764.018030488390 | 167764.02 | 3909705.23 | FENCEGRD | 4.65E-08 | 4.82E-08 | 5.02E-08 | 5.20E-08 | 3.65E-09 | 1.87E-08 | 1.04E-09 | 1.05E-09 | 1.07E-09 | 1.09E-09 |
| 167742.247871519390 | 167742.25 | 3909715.01 | FENCEGRD | 5.26E-08 | 5.45E-08 | 5.69E-08 | 5.90E-08 | 3.58E-09 | 2.00E-08 | 1.13E-09 | 1.15E-09 | 1.17E-09 | 1.19E-09 |
| 167720.477712551390 | 167720.48 | 3909724.79 | FENCEGRD | 5.89E-08 | 6.11E-08 | 6.37E-08 | 6.60E-08 | 3.67E-09 | 2.12E-08 | 1.24E-09 | 1.27E-09 | 1.29E-09 | 1.31E-09 |
| 167698.707553582390 | 167698.71 | 3909734.57 | FENCEGRD | 6.55E-08 | 6.79E-08 | 7.06E-08 | 7.30E-08 | 3.93E-09 | 2.25E-08 | 1.38E-09 | 1.41E-09 | 1.43E-09 | 1.46E-09 |
| 167676.937394613390 | 167676.94 | 3909744.35 | FENCEGRD | 7.22E-08 | 7.45E-08 | 7.71E-08 | 7.94E-08 | 4.36E-09 | 2.39E-08 | 1.53E-09 | 1.56E-09 | 1.59E-09 | 1.62E-09 |
| 167655.167235645390 | 167655.17 | 3909754.13 | FENCEGRD | 7.77E-08 | 7.98E-08 | 8.22E-08 | 8.43E-08 | 4.93E-09 | 2.51E-08 | 1.69E-09 | 1.72E-09 | 1.74E-09 | 1.77E-09 |
| 167633.397076676390 | 167633.40 | 3909763.91 | FENCEGRD | 8.18E-08 | 8.36E-08 | 8.57E-08 | 8.76E-08 | 5.60E-09 | 2.63E-08 | 1.83E-09 | 1.85E-09 | 1.87E-09 | 1.89E-09 |
| 167611.626917707390 | 167611.63 | 3909773.69 | FENCEGRD | 8.54E-08 | 8.72E-08 | 8.94E-08 | 9.14E-08 | 6.42E-09 | 2.76E-08 | 1.95E-09 | 1.97E-09 | 1.99E-09 | 2.01E-09 |
| 167524.546281832390 | 167524.55 | 3909812.80 | FENCEGRD | 9.15E-08 | 9.28E-08 | 9.37E-08 | 9.45E-08 | 7.19E-09 | 3.08E-08 | 2.10E-09 | 2.11E-09 | 2.12E-09 | 2.13E-09 |
| 167502.776122863390 | 167502.78 | 3909822.58 | FENCEGRD | 9.11E-08 | 9.21E-08 | 9.32E-08 | 9.41E-08 | 7.07E-09 | 3.15E-08 | 2.09E-09 | 2.10E-09 | 2.11E-09 | 2.13E-09 |
| 167481.005963895390 | 167481.01 | 3909832.36 | FENCEGRD | 9.19E-08 | 9.31E-08 | 9.43E-08 | 9.53E-08 | 7.15E-09 | 3.21E-08 | 2.13E-09 | 2.14E-09 | 2.16E-09 | 2.18E-09 |
| 167459.235804926390 | 167459.24 | 3909842.14 | FENCEGRD | 9.29E-08 | 9.42E-08 | 9.55E-08 | 9.66E-08 | 7.30E-09 | 3.27E-08 | 2.18E-09 | 2.20E-09 | 2.22E-09 | 2.24E-09 |
| 167437.465645957390 | 167437.47 | 3909851.92 | FENCEGRD | 9.25E-08 | 9.38E-08 | 9.50E-08 | 9.61E-08 | 7.37E-09 | 3.28E-08 | 2.20E-09 | 2.22E-09 | 2.24E-09 | 2.26E-09 |
| 167400.981761602390 | 167400.98 | 3909842.90 | FENCEGRD | 9.43E-08 | 9.56E-08 | 9.68E-08 | 9.79E-08 | 7.79E-09 | 3.34E-08 | 2.27E-09 | 2.29E-09 | 2.31E-09 | 2.33E-09 |
| 167386.268036215390 | 167386.27 | 3909824.11 | FENCEGRD | 9.91E-08 | 1.00E-07 | 1.02E-07 | 1.03E-07 | 8.34E-09 | 3.48E-08 | 2.39E-09 | 2.41E-09 | 2.44E-09 | 2.46E-09 |
| 167371.554310828390 | 167371.55 | 3909805.32 | FENCEGRD | 1.06E-07 | 1.07E-07 | 1.09E-07 | 1.10E-07 | 9.09E-09 | 3.70E-08 | 2.57E-09 | 2.59E-09 | 2.61E-09 | 2.63E-09 |
| 167356.840585442390 | 167356.84 | 3909786.53 | FENCEGRD | 1.14E-07 | 1.15E-07 | 1.17E-07 | 1.18E-07 | 9.90E-09 | 3.92E-08 | 2.75E-09 | 2.77E-09 | 2.80E-09 | 2.82E-09 |
| 167342.126860055390 | 167342.13 | 3909767.74 | FENCEGRD | 1.21E-07 | 1.23E-07 | 1.25E-07 | 1.26E-07 | 1.08E-08 | 4.14E-08 | 2.94E-09 | 2.96E-09 | 2.99E-09 | 3.02E-09 |
| 167327.413134668390 | 167327.41 | 3909748.95 | FENCEGRD | 1.29E-07 | 1.31E-07 | 1.33E-07 | 1.34E-07 | 1.17E-08 | 4.37E-08 | 3.14E-09 | 3.16E-09 | 3.20E-09 | 3.23E-09 |
| 167312.699409281390 | 167312.70 | 3909730.16 | FENCEGRD | 1.37E-07 | 1.39E-07 | 1.41E-07 | 1.43E-07 | 1.28E-08 | 4.61E-08 | 3.35E-09 | 3.38E-09 | 3.42E-09 | 3.45E-09 |
| 167297.985683895390 | 167297.99 | 3909711.37 | FENCEGRD | 1.47E-07 | 1.49E-07 | 1.51E-07 | 1.53E-07 | 1.39E-08 | 4.90E-08 | 3.61E-09 | 3.64E-09 | 3.67E-09 | 3.70E-09 |
| 167283.271958508390 | 167283.27 | 3909692.58 | FENCEGRD | 1.58E-07 | 1.60E-07 | 1.62E-07 | 1.63E-07 | 1.52E-08 | 5.23E-08 | 3.88E-09 | 3.91E-09 | 3.95E-09 | 3.98E-09 |
| 167268.558233121390 | 167268.56 | 3909673.79 | FENCEGRD | 1.70E-07 | 1.72E-07 | 1.73E-07 | 1.75E-07 | 1.66E-08 | 5.61E-08 | 4.19E-09 | 4.22E-09 | 4.25E-09 | 4.28E-09 |
| 167253.844507735390 | 167253.84 | 3909655.00 | FENCEGRD | 1.82E-07 | 1.83E-07 | 1.85E-07 | 1.86E-07 | 1.81E-08 | 5.98E-08 | 4.49E-09 | 4.52E-09 | 4.55E-09 | 4.58E-09 |
| 167239.130782348390 | 167239.13 | 3909636.21 | FENCEGRD | 1.93E-07 | 1.95E-07 | 1.96E-07 | 1.98E-07 | 2.00E-08 | 6.32E-08 | 4.80E-09 | 4.83E-09 | 4.86E-09 | 4.89E-09 |
| 167224.417056961390 | 167224.42 | 3909617.42 | FENCEGRD | 2.05E-07 | 2.07E-07 | 2.09E-07 | 2.11E-07 | 2.21E-08 | 6.66E-08 | 5.14E-09 | 5.17E-09 | 5.22E-09 | 5.26E-09 |
| 167209.703331574390 | 167209.70 | 3909598.63 | FENCEGRD | 2.19E-07 | 2.21E-07 | 2.24E-07 | 2.26E-07 | 2.43E-08 | 7.04E-08 | 5.54E-09 | 5.59E-09 | 5.64E-09 | 5.69E-09 |
| 167194.989606188390 | 167194.99 | 3909579.84 | FENCEGRD | 2.35E-07 | 2.38E-07 | 2.41E-07 | 2.43E-07 | 2.62E-08 | 7.47E-08 | 6.02E-09 | 6.07E-09 | 6.13E-09 | 6.19E-09 |
| 167180.275880801390 | 167180.28 | 3909561.05 | FENCEGRD | 2.52E-07 | 2.56E-07 | 2.59E-07 | 2.62E-07 | 2.76E-08 | 7.95E-08 | 6.53E-09 | 6.59E-09 | 6.65E-09 | 6.71E-09 |
| 167165.562155414390 | 167165.56 | 3909542.26 | FENCEGRD | 2.71E-07 | 2.74E-07 | 2.77E-07 | 2.79E-07 | 2.81E-08 | 8.47E-08 | 7.03E-09 | 7.09E-09 | 7.14E-09 | 7.19E-09 |
| 167150.848430027390 | 167150.85 | 3909523.47 | FENCEGRD | 2.89E-07 | 2.92E-07 | 2.93E-07 | 2.95E-07 | 2.79E-08 | 9.00E-08 | 7.47E-09 | 7.50E-09 | 7.54E-09 | 7.57E-09 |
| 167136.134704641390 | 167136.13 | 3909504.68 | FENCEGRD | 3.04E-07 | 3.06E-07 | 3.06E-07 | 3.06E-07 | 2.70E-08 | 9.50E-08 | 7.76E-09 | 7.78E-09 | 7.80E-09 | 7.80E-09 |
| 167121.420979254390 | 167121.42 | 3909485.89 | FENCEGRD | 3.15E-07 | 3.15E-07 | 3.14E-07 | 3.13E-07 | 2.56E-08 | 9.94E-08 | 7.91E-09 | 7.90E-09 | 7.90E-09 | 7.88E-09 |
| 167106.707253867390 | 167106.71 | 3909467.10 | FENCEGRD | 3.23E-07 | 3.21E-07 | 3.19E-07 | 3.16E-07 | 2.40E-08 | 1.03E-07 | 7.93E-09 | 7.90E-09 | 7.87E-09 | 7.84E-09 |
| 167091.993528481390 | 167091.99 | 3909448.31 | FENCEGRD | 3.26E-07 | 3.23E-07 | 3.18E-07 | 3.15E-07 | 2.23E-08 | 1.06E-07 | 7.82E-09 | 7.77E-09 | 7.72E-09 | 7.67E-09 |
| 167077.279803094390 | 167077.28 | 3909429.52 | FENCEGRD | 3.21E-07 | 3.17E-07 | 3.12E-07 | 3.07E-07 | 2.04E-08 | 1.08E-07 | 7.55E-09 | 7.49E-09 | 7.43E-09 | 7.37E-09 |
| 167062.566077707390 | 167062.57 | 3909410.73 | FENCEGRD | 3.12E-07 | 3.07E-07 | 3.01E-07 | 2.96E-07 | 1.84E-08 | 1.07E-07 | 7.19E-09 | 7.12E-09 | 7.05E-09 | 6.99E-09 |
| 167047.852352323909 | 167047.85 | 3909391.94 | FENCEGRD | 3.00E-07 | 2.94E-07 | 2.87E-07 | 2.82E-07 | 1.66E-08 | 1.06E-07 | 6.78E-09 | 6.70E-09 | 6.63E-09 | 6.56E-09 |
| 167033.138626934390 | 167033.14 | 3909373.15 | FENCEGRD | 2.85E-07 | 2.79E-07 | 2.72E-07 | 2.66E-07 | 1.48E-08 | 1.04E-07 | 6.34E-09 | 6.27E-09 | 6.19E-09 | 6.12E-09 |
| 167018.424901547390 | 167018.42 | 3909354.36 | FENCEGRD | 2.69E-07 | 2.63E-07 | 2.56E-07 | 2.50E-07 | 1.31E-08 | 1.01E-07 | 5.91E-09 | 5.83E-09 | 5.76E-09 | 5.69E-09 |
| 167003.711176163909 | 167003.71 | 3909335.57 | FENCEGRD | 2.52E-07 | 2.46E-07 | 2.39E-07 | 2.34E-07 | 1.16E-08 | 9.78E-08 | 5.48E-09 | 5.41E-09 | 5.34E-09 | 5.27E-09 |
| 166988.997450773390 | 166989.00 | 3909316.78 | FENCEGRD | 2.35E-07 | 2.29E-07 | 2.22E-07 | 2.17E-07 | 1.01E-08 | 9.38E-08 | 5.05E-09 | 4.99E-09 | 4.92E-09 | 4.86E-09 |
| 166974.283725387390 | 166974.28 | 3909297.99 | FENCEGRD | 2.17E-07 | 2.12E-07 | 2.06E-07 | 2.01E-07 | 8.81E-09 | 8.95E-08 | 4.65E-09 | 4.59E-09 | 4.53E-09 | 4.47E-09 |
| 168090.570415019390 | 168090.57 | 3909558.55 | FENCEGRD | 1.85E-08 | 1.88E-08 | 1.92E-08 | 1.96E-08 | 2.73E-09 | 9.52E-09 | 7.08E-10 | 7.17E-10 | 7.23E-10 | 7.31E-10 |
| 168102.018915019390 | 168102.02 | 3909536.79 | FENCEGRD | 1.74E-08 | 1.76E-08 | 1.79E-08 | 1.82E-08 | 2.57E-09 | 9.09E-09 | 6.71E-10 | 6.79E-10 | 6.85E-10 | 6.92E-10 |
| 168113.467415019390 | 168113.47 | 3909515.03 | FENCEGRD | 1.67E-08 | 1.69E-08 | 1.72E-08 | 1.75E-08 | 2.48E-09 | 8.88E-09 | 6.56E-10 | 6.64E-10 | 6.69E-10 | 6.76E-10 |
| 168124.915915019390 | 168124.92 | 3909493.27 | FENCEGRD | 1.65E-08 | 1.67E-08 | 1.70E-08 | 1.72E-08 | 2.50E-09 | 9.02E-09 | 6.69E-10 | 6.77E-10 | 6.83E-10 | 6.89E-10 |
| 168136.364415019390 | 168136.36 | 3909471.51 | FENCEGRD | 1.69E-08 | 1.71E-08 | 1.73E-08 | 1.76E-08 | 2.56E-09 | 9.31E-09 | 6.91E-10 | 6.99E-10 | 7.05E-10 | 7.12E-10 |
| 168147.812915019390 | 168147.81 | 3909449.75 | FENCEGRD | 1.83E-08 | 1.85E-08 | 1.88E-08 | 1.91E-08 | 2.76E-09 | 1.00E-08 | 7.41E-10 | 7.49E-10 | 7.56E-10 | 7.64E-10 |
| 168159.261415019390 | 168159.26 | 3909427.98 | FENCEGRD | 1.99E-08 | 2.02E-08 | 2.05E-08 | 2. | | | | | | |

2<16 Dose

| | | | | 2<16 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167982.231963513390 | 167982.23 | 3909693.53 | FENCEGRD | 2.88E-08 | 2.92E-08 | 2.97E-08 | 3.02E-08 | 3.52E-09 | 1.20E-08 | 9.42E-10 | 9.46E-10 | 9.49E-10 | 9.52E-10 |
| 167960.361016772390 | 167960.36 | 3909703.35 | FENCEGRD | 2.80E-08 | 2.84E-08 | 2.90E-08 | 2.95E-08 | 3.59E-09 | 1.21E-08 | 9.11E-10 | 9.14E-10 | 9.16E-10 | 9.18E-10 |
| 167938.490070033909 | 167938.49 | 3909713.18 | FENCEGRD | 2.76E-08 | 2.81E-08 | 2.87E-08 | 2.92E-08 | 3.64E-09 | 1.23E-08 | 8.73E-10 | 8.76E-10 | 8.78E-10 | 8.80E-10 |
| 167916.619123288390 | 167916.62 | 3909723.00 | FENCEGRD | 2.87E-08 | 2.92E-08 | 2.99E-08 | 3.05E-08 | 3.68E-09 | 1.26E-08 | 8.44E-10 | 8.47E-10 | 8.49E-10 | 8.52E-10 |
| 167894.748176546390 | 167894.75 | 3909732.82 | FENCEGRD | 3.04E-08 | 3.10E-08 | 3.18E-08 | 3.25E-08 | 3.66E-09 | 1.31E-08 | 8.23E-10 | 8.27E-10 | 8.30E-10 | 8.34E-10 |
| 167872.877229805390 | 167872.88 | 3909742.65 | FENCEGRD | 3.20E-08 | 3.27E-08 | 3.36E-08 | 3.44E-08 | 3.57E-09 | 1.37E-08 | 8.13E-10 | 8.18E-10 | 8.23E-10 | 8.28E-10 |
| 167851.006283063390 | 167851.01 | 3909752.47 | FENCEGRD | 3.41E-08 | 3.50E-08 | 3.61E-08 | 3.70E-08 | 3.44E-09 | 1.45E-08 | 8.21E-10 | 8.28E-10 | 8.35E-10 | 8.42E-10 |
| 167829.135336321390 | 167829.14 | 3909762.30 | FENCEGRD | 3.69E-08 | 3.80E-08 | 3.93E-08 | 4.05E-08 | 3.31E-09 | 1.53E-08 | 8.47E-10 | 8.56E-10 | 8.65E-10 | 8.75E-10 |
| 167807.264389583909 | 167807.26 | 3909772.12 | FENCEGRD | 4.03E-08 | 4.16E-08 | 4.32E-08 | 4.46E-08 | 3.20E-09 | 1.63E-08 | 8.92E-10 | 9.03E-10 | 9.15E-10 | 9.27E-10 |
| 167785.393442838390 | 167785.39 | 3909781.94 | FENCEGRD | 4.43E-08 | 4.57E-08 | 4.75E-08 | 4.91E-08 | 3.17E-09 | 1.74E-08 | 9.56E-10 | 9.70E-10 | 9.85E-10 | 1.00E-09 |
| 167763.522496096390 | 167763.52 | 3909791.77 | FENCEGRD | 4.83E-08 | 4.99E-08 | 5.19E-08 | 5.37E-08 | 3.22E-09 | 1.84E-08 | 1.04E-09 | 1.05E-09 | 1.07E-09 | 1.09E-09 |
| 167741.651549354390 | 167741.65 | 3909801.59 | FENCEGRD | 5.26E-08 | 5.44E-08 | 5.66E-08 | 5.85E-08 | 3.35E-09 | 1.95E-08 | 1.13E-09 | 1.15E-09 | 1.17E-09 | 1.19E-09 |
| 167719.780602613390 | 167719.78 | 3909811.42 | FENCEGRD | 5.73E-08 | 5.92E-08 | 6.15E-08 | 6.36E-08 | 3.60E-09 | 2.05E-08 | 1.24E-09 | 1.26E-09 | 1.28E-09 | 1.30E-09 |
| 167697.909655871390 | 167697.91 | 3909821.24 | FENCEGRD | 6.22E-08 | 6.41E-08 | 6.65E-08 | 6.85E-08 | 3.95E-09 | 2.16E-08 | 1.36E-09 | 1.38E-09 | 1.40E-09 | 1.43E-09 |
| 167676.038709129390 | 167676.04 | 3909831.07 | FENCEGRD | 6.68E-08 | 6.87E-08 | 7.09E-08 | 7.27E-08 | 4.41E-09 | 2.27E-08 | 1.49E-09 | 1.51E-09 | 1.53E-09 | 1.56E-09 |
| 167654.167762388390 | 167654.17 | 3909840.89 | FENCEGRD | 7.18E-08 | 7.36E-08 | 7.56E-08 | 7.73E-08 | 5.06E-09 | 2.41E-08 | 1.64E-09 | 1.66E-09 | 1.68E-09 | 1.71E-09 |
| 167566.683975421390 | 167566.68 | 3909880.19 | FENCEGRD | 7.72E-08 | 7.89E-08 | 7.98E-08 | 8.02E-08 | 6.37E-09 | 2.65E-08 | 1.87E-09 | 1.88E-09 | 1.89E-09 | 1.89E-09 |
| 167544.813028679390 | 167544.81 | 3909890.01 | FENCEGRD | 7.67E-08 | 7.71E-08 | 7.75E-08 | 7.79E-08 | 6.19E-09 | 2.70E-08 | 1.81E-09 | 1.81E-09 | 1.82E-09 | 1.82E-09 |
| 167522.942081937390 | 167522.94 | 3909899.83 | FENCEGRD | 7.47E-08 | 7.52E-08 | 7.57E-08 | 7.62E-08 | 6.01E-09 | 2.65E-08 | 1.76E-09 | 1.76E-09 | 1.77E-09 | 1.77E-09 |
| 167501.071135196390 | 167501.07 | 3909909.66 | FENCEGRD | 7.33E-08 | 7.39E-08 | 7.45E-08 | 7.51E-08 | 5.87E-09 | 2.62E-08 | 1.72E-09 | 1.73E-09 | 1.74E-09 | 1.75E-09 |
| 167479.200188454390 | 167479.20 | 3909919.48 | FENCEGRD | 7.22E-08 | 7.30E-08 | 7.38E-08 | 7.44E-08 | 5.77E-09 | 2.61E-08 | 1.71E-09 | 1.72E-09 | 1.73E-09 | 1.74E-09 |
| 167457.329241712390 | 167457.33 | 3909929.31 | FENCEGRD | 7.18E-08 | 7.26E-08 | 7.35E-08 | 7.42E-08 | 5.77E-09 | 2.62E-08 | 1.72E-09 | 1.73E-09 | 1.74E-09 | 1.76E-09 |
| 167435.458294973909 | 167435.46 | 3909939.13 | FENCEGRD | 7.24E-08 | 7.32E-08 | 7.41E-08 | 7.49E-08 | 5.89E-09 | 2.66E-08 | 1.76E-09 | 1.77E-09 | 1.78E-09 | 1.80E-09 |
| 167413.587348229390 | 167413.59 | 3909948.95 | FENCEGRD | 7.35E-08 | 7.44E-08 | 7.53E-08 | 7.61E-08 | 6.10E-09 | 2.72E-08 | 1.81E-09 | 1.82E-09 | 1.84E-09 | 1.86E-09 |
| 167376.934557001390 | 167376.93 | 3909939.90 | FENCEGRD | 7.87E-08 | 7.96E-08 | 8.06E-08 | 8.14E-08 | 6.76E-09 | 2.92E-08 | 1.97E-09 | 1.99E-09 | 2.01E-09 | 2.02E-09 |
| 167362.152712515390 | 167362.15 | 3909921.02 | FENCEGRD | 8.30E-08 | 8.40E-08 | 8.50E-08 | 8.58E-08 | 7.24E-09 | 3.06E-08 | 2.09E-09 | 2.10E-09 | 2.12E-09 | 2.14E-09 |
| 167347.370868033909 | 167347.37 | 3909902.15 | FENCEGRD | 8.77E-08 | 8.87E-08 | 8.97E-08 | 9.06E-08 | 7.75E-09 | 3.21E-08 | 2.21E-09 | 2.23E-09 | 2.24E-09 | 2.26E-09 |
| 167332.589023544390 | 167332.59 | 3909883.27 | FENCEGRD | 9.29E-08 | 9.39E-08 | 9.50E-08 | 9.60E-08 | 8.32E-09 | 3.37E-08 | 2.34E-09 | 2.36E-09 | 2.38E-09 | 2.39E-09 |
| 167317.807179058390 | 167317.81 | 3909864.39 | FENCEGRD | 9.89E-08 | 1.00E-07 | 1.01E-07 | 1.02E-07 | 8.97E-09 | 3.56E-08 | 2.49E-09 | 2.51E-09 | 2.53E-09 | 2.55E-09 |
| 167303.025334572390 | 167303.03 | 3909845.51 | FENCEGRD | 1.05E-07 | 1.06E-07 | 1.08E-07 | 1.09E-07 | 9.66E-09 | 3.75E-08 | 2.65E-09 | 2.67E-09 | 2.69E-09 | 2.72E-09 |
| 167288.243490087390 | 167288.24 | 3909826.64 | FENCEGRD | 1.12E-07 | 1.13E-07 | 1.15E-07 | 1.16E-07 | 1.05E-08 | 3.97E-08 | 2.83E-09 | 2.85E-09 | 2.88E-09 | 2.90E-09 |
| 167273.461645601390 | 167273.46 | 3909807.76 | FENCEGRD | 1.19E-07 | 1.20E-07 | 1.22E-07 | 1.23E-07 | 1.13E-08 | 4.18E-08 | 3.01E-09 | 3.04E-09 | 3.06E-09 | 3.09E-09 |
| 167258.679801115390 | 167258.68 | 3909788.88 | FENCEGRD | 1.26E-07 | 1.28E-07 | 1.29E-07 | 1.30E-07 | 1.21E-08 | 4.40E-08 | 3.21E-09 | 3.23E-09 | 3.26E-09 | 3.28E-09 |
| 167243.897956629390 | 167243.90 | 3909770.01 | FENCEGRD | 1.33E-07 | 1.35E-07 | 1.36E-07 | 1.37E-07 | 1.30E-08 | 4.64E-08 | 3.40E-09 | 3.43E-09 | 3.46E-09 | 3.48E-09 |
| 167229.116112144390 | 167229.12 | 3909751.13 | FENCEGRD | 1.41E-07 | 1.42E-07 | 1.43E-07 | 1.44E-07 | 1.39E-08 | 4.89E-08 | 3.61E-09 | 3.63E-09 | 3.65E-09 | 3.68E-09 |
| 167214.334267658390 | 167214.33 | 3909732.25 | FENCEGRD | 1.48E-07 | 1.50E-07 | 1.51E-07 | 1.52E-07 | 1.49E-08 | 5.14E-08 | 3.81E-09 | 3.83E-09 | 3.86E-09 | 3.88E-09 |
| 167199.552423172390 | 167199.55 | 3909713.37 | FENCEGRD | 1.57E-07 | 1.58E-07 | 1.59E-07 | 1.60E-07 | 1.61E-08 | 5.41E-08 | 4.04E-09 | 4.06E-09 | 4.08E-09 | 4.11E-09 |
| 167184.770578686390 | 167184.77 | 3909694.50 | FENCEGRD | 1.65E-07 | 1.67E-07 | 1.68E-07 | 1.69E-07 | 1.75E-08 | 5.67E-08 | 4.27E-09 | 4.30E-09 | 4.33E-09 | 4.36E-09 |
| 167169.988734201390 | 167169.99 | 3909675.62 | FENCEGRD | 1.74E-07 | 1.76E-07 | 1.77E-07 | 1.79E-07 | 1.91E-08 | 5.93E-08 | 4.54E-09 | 4.57E-09 | 4.61E-09 | 4.64E-09 |
| 167155.206889715390 | 167155.21 | 3909656.74 | FENCEGRD | 1.84E-07 | 1.86E-07 | 1.88E-07 | 1.90E-07 | 2.08E-08 | 6.21E-08 | 4.84E-09 | 4.88E-09 | 4.92E-09 | 4.96E-09 |
| 167140.425045229390 | 167140.43 | 3909637.87 | FENCEGRD | 1.95E-07 | 1.97E-07 | 2.00E-07 | 2.02E-07 | 2.24E-08 | 6.52E-08 | 5.19E-09 | 5.24E-09 | 5.29E-09 | 5.33E-09 |
| 167125.643200743390 | 167125.64 | 3909618.99 | FENCEGRD | 2.08E-07 | 2.11E-07 | 2.14E-07 | 2.16E-07 | 2.37E-08 | 6.90E-08 | 5.59E-09 | 5.64E-09 | 5.69E-09 | 5.73E-09 |
| 167110.861356258390 | 167110.86 | 3909600.11 | FENCEGRD | 2.22E-07 | 2.25E-07 | 2.28E-07 | 2.30E-07 | 2.45E-08 | 7.32E-08 | 6.00E-09 | 6.04E-09 | 6.09E-09 | 6.13E-09 |
| 167096.079511772390 | 167096.08 | 3909581.23 | FENCEGRD | 2.36E-07 | 2.39E-07 | 2.41E-07 | 2.43E-07 | 2.48E-08 | 7.75E-08 | 6.36E-09 | 6.41E-09 | 6.44E-09 | 6.48E-09 |
| 167081.297667286390 | 167081.30 | 3909562.36 | FENCEGRD | 2.50E-07 | 2.52E-07 | 2.53E-07 | 2.54E-07 | 2.47E-08 | 8.21E-08 | 6.68E-09 | 6.71E-09 | 6.74E-09 | 6.75E-09 |
| 167066.515822839099 | 167066.52 | 3909543.48 | FENCEGRD | 2.61E-07 | 2.62E-07 | 2.62E-07 | 2.63E-07 | 2.40E-08 | 8.63E-08 | 6.89E-09 | 6.91E-09 | 6.91E-09 | 6.92E-09 |
| 167051.733978315390 | 167051.73 | 3909524.60 | FENCEGRD | 2.68E-07 | 2.68E-07 | 2.67E-07 | 2.66E-07 | 2.30E-08 | 8.96E-08 | 6.98E-09 | 6.97E-09 | 6.96E-09 | 6.95E-09 |
| 167036.952133829390 | 167036.95 | 3909505.73 | FENCEGRD | 2.72E-07 | 2.71E-07 | 2.69E-07 | 2.67E-07 | 2.18E-08 | 9.23E-08 | 6.96E-09 | 6.94E-09 | 6.92E-09 | 6.89E-09 |
| 167022.170289343390 | 167022.17 | 3909486.85 | FENCEGRD | 2.73E-07 | 2.71E-07 | 2.68E-07 | 2.65E-07 | 2.05E-08 | 9.44E-08 | 6.86E-09 | 6.83E-09 | 6.79E-09 | 6.76E-09 |
| 167007.388444857390 | 167007.39 | 3909467.97 | FENCEGRD | 2.71E-07 | 2.68E-07 | 2.64E-07 | 2.61E-07 | 1.91E-08 | 9.57E-08 | 6.69E-09 | 6.64E-09 | 6.60E-09 | 6.55E-09 |
| 166992.606600372390 | 166992.61 | 3909449.09 | FENCEGRD | 2.65E-07 | 2.62E-07 | 2.57E-07 | 2.54E-07 | 1.77E-08 | 9.60E-08 | 6.45E-09 | 6.39E-09 | 6.34E-09 | 6.29E-09 |
| 166977.824755886390 | 166977.82 | 3909430.22 | FENCEGRD | 2.58E-07 | 2.54E-07 | 2.49E-07 | 2.45E-07 | 1.63E-08 | 9.55E-08 | 6.16E-09 | 6.11E-09 | 6.05E-09 | 6.00E-09 |
| 166963.042911439094 | 166963.04 | 3909411.34 | FENCEGRD | 2.48E-07 | 2.44E-07 | 2.38E-07 | 2.34E-07 | 1.49E-08 | 9.41E-08 | 5.84E-09 | 5.79E-09 | 5.73E-09 | 5.67E-09 |
| 166948.261066914390 | 166948.26 | 3909392.46 | FENCEGRD | 2.37E-07 | 2.32E-07 | 2.27E-07 | 2.22E-07 | 1.35E-08 | 9.20E-08 | 5.51E-09 | 5.45E-09 | 5.39E-09 | 5.33E-09 |
| 166933.479222429390 | 166933.48 | 3909373.59 | FENCEGRD | 2.25E-07 | 2.20E-07 | 2.15E-07 | 2.10E-07 | 1.22E-08 | 8.96E-08 | 5.17E-09 | 5.11E-09 | 5.06E-09 | 5.00E-09 |
| 166918.697377943390 | 166918.70 | 3909354.71 | FENCEGRD | 2.12E-07 | 2.07E-07 | 2.02E-07 | 1.98E-07 | 1.10E-08 | 8.68E-08 | 4.84E-09 | 4.79E-09 | 4.73E-09 | 4.68E-09 |
| 166903.915533457390 | 166903.92 | 3909335.83 | FENCEGRD | 1.99E-07 | 1.94E-07 | 1.89E-07 | 1.85E-07 | 9.81E-09 | 8.36E-08 | 4.52E-09 | 4.47E-09 | 4.41E-09 | 4.36E-09 |
| 166889.133688972390 | 166889.13 | 3909316.95 | FENCEGRD | 1.86E-07 | 1.82E-07 | 1.77E-07 | 1.73E-07 | 8.71E-09 | 8.02E-08 | 4.21E-09 | 4.16E-09 | 4.11E-09 | 4.06E-09 |
| 166874.351844486390 | 166874.35 | 3909298.08 | FENCEGRD | 1.73E-07 | 1.69E-07 | 1.65E-07 | 1.61E-07 | 7.70E-09 | 7.65E-08 | 3.91E-09 | 3.86E-09 | 3.81E-09 | 3.77E-09 |
| 168179.070484189390 | 168179.07 | 3909605.11 | FENCEGRD | 2.03E-08 | 2.07E-08 | 2.13E-08 | 2.17E-08 | 2.75E-09 | 1.02E-08 | 7.33E-10 | 7.40E-10 | 7.46E-10 | 7.53E-10 |
| 168190.518984189390 | 168190.52 | 3909583.35 | FENCEGRD | 1.97E-08 | 2.01E-08 | 2.06E-08 | 2.10E-08 | 2.73E-09 | 1.03E-08 | 7.35E-10 | 7.42E-10 | 7.48E-10 | 7.55E-10 |
| 168201.967484189390 | 168201.97 | 3909561.59 | FENCEGRD | 1.90E-08 | 1.94E-08 | 1.98E-08 | 2. | | | | | | |

2<16 Dose

| | | | | 2<16 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167691.681442745390 | 167691.68 | 3908875.12 | FENCEGRD | 4.63E-07 | 4.20E-07 | 3.76E-07 | 3.42E-07 | 1.52E-08 | 1.43E-07 | 5.89E-09 | 5.61E-09 | 5.35E-09 | 5.10E-09 |
| 167670.783442745390 | 167670.78 | 3908888.20 | FENCEGRD | 3.90E-07 | 3.51E-07 | 3.11E-07 | 2.82E-07 | 1.36E-08 | 1.23E-07 | 4.96E-09 | 4.71E-09 | 4.47E-09 | 4.25E-09 |
| 167762.006885491390 | 167762.01 | 3908801.59 | FENCEGRD | 4.99E-07 | 4.71E-07 | 4.39E-07 | 4.12E-07 | 1.73E-08 | 1.64E-07 | 7.19E-09 | 6.96E-09 | 6.74E-09 | 6.53E-09 |
| 167741.108885491390 | 167741.11 | 3908814.67 | FENCEGRD | 4.70E-07 | 4.39E-07 | 4.06E-07 | 3.78E-07 | 1.61E-08 | 1.35E-07 | 6.56E-09 | 6.33E-09 | 6.11E-09 | 5.90E-09 |
| 167720.210885491390 | 167720.21 | 3908827.76 | FENCEGRD | 4.34E-07 | 4.03E-07 | 3.68E-07 | 3.41E-07 | 1.50E-08 | 1.12E-07 | 5.93E-09 | 5.70E-09 | 5.47E-09 | 5.27E-09 |
| 167699.312885491390 | 167699.31 | 3908840.84 | FENCEGRD | 3.86E-07 | 3.55E-07 | 3.23E-07 | 2.97E-07 | 1.37E-08 | 9.33E-08 | 5.19E-09 | 4.97E-09 | 4.76E-09 | 4.56E-09 |
| 167678.414885491390 | 167678.41 | 3908853.93 | FENCEGRD | 3.39E-07 | 3.10E-07 | 2.79E-07 | 2.56E-07 | 1.25E-08 | 8.17E-08 | 4.50E-09 | 4.30E-09 | 4.10E-09 | 3.93E-09 |
| 167657.516885491390 | 167657.52 | 3908867.01 | FENCEGRD | 2.90E-07 | 2.64E-07 | 2.37E-07 | 2.17E-07 | 1.13E-08 | 7.48E-08 | 3.84E-09 | 3.66E-09 | 3.48E-09 | 3.33E-09 |
| 167794.142777813390 | 167794.14 | 3908784.69 | FENCEGRD | 5.20E-07 | 5.02E-07 | 4.78E-07 | 4.54E-07 | 1.88E-08 | 2.00E-07 | 7.98E-09 | 7.81E-09 | 7.61E-09 | 7.41E-09 |
| 167816.844002601390 | 167816.84 | 3908786.84 | FENCEGRD | 5.39E-07 | 5.26E-07 | 5.13E-07 | 5.01E-07 | 2.07E-08 | 2.47E-07 | 8.48E-09 | 8.38E-09 | 8.26E-09 | 8.16E-09 |
| 167748.740328236390 | 167748.74 | 3908780.40 | FENCEGRD | 4.00E-07 | 3.76E-07 | 3.49E-07 | 3.27E-07 | 1.47E-08 | 1.13E-07 | 5.88E-09 | 5.69E-09 | 5.50E-09 | 5.32E-09 |
| 167727.842328236390 | 167727.84 | 3908793.49 | FENCEGRD | 3.76E-07 | 3.50E-07 | 3.23E-07 | 3.01E-07 | 1.38E-08 | 9.38E-08 | 5.39E-09 | 5.20E-09 | 5.01E-09 | 4.83E-09 |
| 167706.944328236390 | 167706.94 | 3908806.57 | FENCEGRD | 3.41E-07 | 3.16E-07 | 2.89E-07 | 2.68E-07 | 1.28E-08 | 7.62E-08 | 4.80E-09 | 4.62E-09 | 4.43E-09 | 4.27E-09 |
| 167686.046328236390 | 167686.05 | 3908819.65 | FENCEGRD | 3.05E-07 | 2.81E-07 | 2.56E-07 | 2.37E-07 | 1.17E-08 | 6.38E-08 | 4.23E-09 | 4.06E-09 | 3.89E-09 | 3.74E-09 |
| 167665.148328236390 | 167665.15 | 3908832.74 | FENCEGRD | 2.67E-07 | 2.45E-07 | 2.22E-07 | 2.05E-07 | 1.07E-08 | 5.55E-08 | 3.66E-09 | 3.50E-09 | 3.35E-09 | 3.21E-09 |
| 167644.250328236390 | 167644.25 | 3908845.82 | FENCEGRD | 2.28E-07 | 2.09E-07 | 1.90E-07 | 1.76E-07 | 9.59E-09 | 5.07E-08 | 3.10E-09 | 2.97E-09 | 2.84E-09 | 2.73E-09 |
| 167783.903050533908 | 167783.90 | 3908763.79 | FENCEGRD | 4.51E-07 | 4.28E-07 | 4.03E-07 | 3.81E-07 | 1.67E-08 | 1.58E-07 | 6.92E-09 | 6.73E-09 | 6.54E-09 | 6.35E-09 |
| 167808.117690304390 | 167808.12 | 3908766.08 | FENCEGRD | 4.91E-07 | 4.78E-07 | 4.59E-07 | 4.38E-07 | 1.87E-08 | 1.95E-07 | 7.84E-09 | 7.70E-09 | 7.54E-09 | 7.35E-09 |
| 167868.842829443390 | 167868.84 | 3908842.58 | FENCEGRD | 6.20E-07 | 6.09E-07 | 5.97E-07 | 5.85E-07 | 2.26E-08 | 2.66E-07 | 1.04E-08 | 1.02E-08 | 1.00E-08 | 9.85E-09 |
| 167735.473770981390 | 167735.47 | 3908759.21 | FENCEGRD | 3.35E-07 | 3.14E-07 | 2.91E-07 | 2.72E-07 | 1.31E-08 | 8.67E-08 | 5.04E-09 | 4.87E-09 | 4.70E-09 | 4.55E-09 |
| 167714.575770981390 | 167714.58 | 3908772.30 | FENCEGRD | 3.09E-07 | 2.88E-07 | 2.65E-07 | 2.47E-07 | 1.21E-08 | 7.13E-08 | 4.55E-09 | 4.39E-09 | 4.22E-09 | 4.08E-09 |
| 167693.677770981390 | 167693.68 | 3908785.38 | FENCEGRD | 2.79E-07 | 2.59E-07 | 2.37E-07 | 2.21E-07 | 1.12E-08 | 5.84E-08 | 4.04E-09 | 3.88E-09 | 3.73E-09 | 3.59E-09 |
| 167672.779770981390 | 167672.78 | 3908798.46 | FENCEGRD | 2.48E-07 | 2.29E-07 | 2.09E-07 | 1.95E-07 | 1.02E-08 | 4.85E-08 | 3.53E-09 | 3.39E-09 | 3.25E-09 | 3.13E-09 |
| 167651.881770981390 | 167651.88 | 3908811.55 | FENCEGRD | 2.16E-07 | 2.00E-07 | 1.83E-07 | 1.70E-07 | 9.25E-09 | 4.16E-08 | 3.04E-09 | 2.91E-09 | 2.80E-09 | 2.69E-09 |
| 167630.983770981390 | 167630.98 | 3908824.63 | FENCEGRD | 1.86E-07 | 1.72E-07 | 1.58E-07 | 1.48E-07 | 8.27E-09 | 3.73E-08 | 2.58E-09 | 2.48E-09 | 2.38E-09 | 2.30E-09 |
| 167731.641881263908 | 167731.64 | 3908718.98 | FENCEGRD | 2.76E-07 | 2.60E-07 | 2.42E-07 | 2.27E-07 | 1.16E-08 | 7.17E-08 | 4.37E-09 | 4.22E-09 | 4.08E-09 | 3.95E-09 |
| 167754.343106049390 | 167754.34 | 3908721.12 | FENCEGRD | 3.20E-07 | 3.02E-07 | 2.82E-07 | 2.66E-07 | 1.31E-08 | 9.31E-08 | 5.10E-09 | 4.94E-09 | 4.78E-09 | 4.64E-09 |
| 167777.044330837390 | 167777.04 | 3908723.27 | FENCEGRD | 3.65E-07 | 3.47E-07 | 3.26E-07 | 3.08E-07 | 1.46E-08 | 1.19E-07 | 5.88E-09 | 5.71E-09 | 5.55E-09 | 5.39E-09 |
| 167799.745555625390 | 167799.75 | 3908725.42 | FENCEGRD | 4.02E-07 | 3.87E-07 | 3.68E-07 | 3.50E-07 | 1.61E-08 | 1.43E-07 | 6.64E-09 | 6.48E-09 | 6.31E-09 | 6.15E-09 |
| 167822.446780414390 | 167822.45 | 3908727.56 | FENCEGRD | 4.24E-07 | 4.14E-07 | 4.02E-07 | 3.88E-07 | 1.76E-08 | 1.67E-07 | 7.18E-09 | 7.09E-09 | 6.97E-09 | 6.84E-09 |
| 167845.148005202390 | 167845.15 | 3908729.71 | FENCEGRD | 4.44E-07 | 4.34E-07 | 4.25E-07 | 4.16E-07 | 1.88E-08 | 1.91E-07 | 7.59E-09 | 7.52E-09 | 7.42E-09 | 7.35E-09 |
| 167902.077823145390 | 167902.08 | 3908801.43 | FENCEGRD | 5.51E-07 | 5.42E-07 | 5.32E-07 | 5.22E-07 | 2.14E-08 | 2.56E-07 | 9.36E-09 | 9.22E-09 | 9.08E-09 | 8.95E-09 |
| 167905.920279267390 | 167905.92 | 3908823.90 | FENCEGRD | 5.58E-07 | 5.52E-07 | 5.45E-07 | 5.38E-07 | 2.24E-08 | 2.46E-07 | 1.03E-08 | 1.01E-08 | 9.98E-09 | 9.83E-09 |
| 167909.762735389390 | 167909.76 | 3908846.38 | FENCEGRD | 5.58E-07 | 5.58E-07 | 5.58E-07 | 5.55E-07 | 2.40E-08 | 2.25E-07 | 1.13E-08 | 1.12E-08 | 1.10E-08 | 1.09E-08 |
| 167913.605191511390 | 167913.61 | 3908868.86 | FENCEGRD | 5.39E-07 | 5.47E-07 | 5.56E-07 | 5.60E-07 | 2.59E-08 | 2.02E-07 | 1.22E-08 | 1.21E-08 | 1.20E-08 | 1.19E-08 |
| 167917.447647633390 | 167917.45 | 3908891.33 | FENCEGRD | 5.15E-07 | 5.31E-07 | 5.49E-07 | 5.62E-07 | 2.80E-08 | 1.80E-07 | 1.28E-08 | 1.29E-08 | 1.29E-08 | 1.29E-08 |
| 167708.940656472390 | 167708.94 | 3908716.83 | FENCEGRD | 2.37E-07 | 2.22E-07 | 2.06E-07 | 1.93E-07 | 1.03E-08 | 5.58E-08 | 3.72E-09 | 3.59E-09 | 3.47E-09 | 3.36E-09 |
| 167688.042656472390 | 167688.04 | 3908729.92 | FENCEGRD | 2.14E-07 | 2.00E-07 | 1.85E-07 | 1.74E-07 | 9.43E-09 | 4.63E-08 | 3.30E-09 | 3.19E-09 | 3.07E-09 | 2.97E-09 |
| 167667.144656472390 | 167667.14 | 3908743.00 | FENCEGRD | 1.92E-07 | 1.79E-07 | 1.66E-07 | 1.56E-07 | 8.61E-09 | 3.85E-08 | 2.90E-09 | 2.80E-09 | 2.70E-09 | 2.61E-09 |
| 167646.246656472390 | 167646.25 | 3908756.08 | FENCEGRD | 1.71E-07 | 1.60E-07 | 1.48E-07 | 1.40E-07 | 7.82E-09 | 3.23E-08 | 2.53E-09 | 2.44E-09 | 2.35E-09 | 2.28E-09 |
| 167625.348656472390 | 167625.35 | 3908769.17 | FENCEGRD | 1.51E-07 | 1.42E-07 | 1.33E-07 | 1.25E-07 | 7.05E-09 | 2.77E-08 | 2.19E-09 | 2.12E-09 | 2.05E-09 | 1.99E-09 |
| 167604.450656472390 | 167604.45 | 3908782.25 | FENCEGRD | 1.34E-07 | 1.26E-07 | 1.18E-07 | 1.11E-07 | 6.32E-09 | 2.46E-08 | 1.91E-09 | 1.85E-09 | 1.79E-09 | 1.74E-09 |
| 167706.622181736390 | 167706.62 | 3908676.74 | FENCEGRD | 2.03E-07 | 1.91E-07 | 1.79E-07 | 1.68E-07 | 9.33E-09 | 5.02E-08 | 3.34E-09 | 3.23E-09 | 3.12E-09 | 3.03E-09 |
| 167730.836821511390 | 167730.84 | 3908679.03 | FENCEGRD | 2.39E-07 | 2.25E-07 | 2.10E-07 | 1.98E-07 | 1.06E-08 | 6.45E-08 | 3.95E-09 | 3.83E-09 | 3.71E-09 | 3.59E-09 |
| 167755.051461285390 | 167755.05 | 3908681.32 | FENCEGRD | 2.79E-07 | 2.64E-07 | 2.47E-07 | 2.34E-07 | 1.21E-08 | 8.27E-08 | 4.67E-09 | 4.53E-09 | 4.39E-09 | 4.26E-09 |
| 167779.266101059390 | 167779.27 | 3908683.61 | FENCEGRD | 3.07E-07 | 2.97E-07 | 2.86E-07 | 2.74E-07 | 1.38E-08 | 9.82E-08 | 5.34E-09 | 5.25E-09 | 5.14E-09 | 5.02E-09 |
| 167803.480740834390 | 167803.48 | 3908685.90 | FENCEGRD | 3.27E-07 | 3.17E-07 | 3.06E-07 | 2.98E-07 | 1.53E-08 | 1.15E-07 | 5.69E-09 | 5.60E-09 | 5.50E-09 | 5.41E-09 |
| 167827.695380608390 | 167827.70 | 3908688.19 | FENCEGRD | 3.52E-07 | 3.42E-07 | 3.33E-07 | 3.25E-07 | 1.62E-08 | 1.35E-07 | 6.16E-09 | 6.08E-09 | 5.98E-09 | 5.90E-09 |
| 167851.910020382390 | 167851.91 | 3908690.47 | FENCEGRD | 3.71E-07 | 3.63E-07 | 3.54E-07 | 3.47E-07 | 1.70E-08 | 1.54E-07 | 6.54E-09 | 6.46E-09 | 6.38E-09 | 6.30E-09 |
| 167876.124660157390 | 167876.12 | 3908692.76 | FENCEGRD | 3.82E-07 | 3.75E-07 | 3.67E-07 | 3.60E-07 | 1.74E-08 | 1.70E-07 | 6.77E-09 | 6.70E-09 | 6.62E-09 | 6.55E-09 |
| 167900.339299931390 | 167900.34 | 3908695.05 | FENCEGRD | 4.02E-07 | 3.95E-07 | 3.88E-07 | 3.82E-07 | 1.83E-08 | 1.88E-07 | 7.21E-09 | 7.14E-09 | 7.06E-09 | 6.99E-09 |
| 167936.849799296390 | 167936.85 | 3908769.26 | FENCEGRD | 5.40E-07 | 5.32E-07 | 5.26E-07 | 5.19E-07 | 2.26E-08 | 2.27E-07 | 9.39E-09 | 9.30E-09 | 9.20E-09 | 9.11E-09 |
| 167940.948419159390 | 167940.95 | 3908793.24 | FENCEGRD | 5.66E-07 | 5.61E-07 | 5.56E-07 | 5.50E-07 | 2.32E-08 | 2.14E-07 | 9.84E-09 | 9.75E-09 | 9.65E-09 | 9.55E-09 |
| 167945.047039022390 | 167945.05 | 3908817.21 | FENCEGRD | 5.91E-07 | 5.90E-07 | 5.88E-07 | 5.84E-07 | 2.42E-08 | 1.99E-07 | 1.05E-08 | 1.04E-08 | 1.03E-08 | 1.02E-08 |
| 167949.145658886390 | 167949.15 | 3908841.19 | FENCEGRD | 6.04E-07 | 6.09E-07 | 6.13E-07 | 6.14E-07 | 2.56E-08 | 1.83E-07 | 1.11E-08 | 1.10E-08 | 1.10E-08 | 1.09E-08 |
| 167953.244278749390 | 167953.24 | 3908865.16 | FENCEGRD | 5.98E-07 | 6.10E-07 | 6.22E-07 | 6.30E-07 | 2.73E-08 | 1.67E-07 | 1.16E-08 | 1.16E-08 | 1.16E-08 | 1.16E-08 |
| 167957.342898613390 | 167957.34 | 3908889.14 | FENCEGRD | 5.72E-07 | 5.90E-07 | 6.10E-07 | 6.25E-07 | 2.90E-08 | 1.52E-07 | 1.19E-08 | 1.20E-08 | 1.21E-08 | 1.21E-08 |
| 167961.441518476390 | 167961.44 | 3908913.11 | FENCEGRD | 5.49E-07 | 5.71E-07 | 5.97E-07 | 6.17E-07 | 3.06E-08 | 1.35E-07 | 1.19E-08 | 1.20E-08 | 1.21E-08 | 1.23E-08 |
| 167682.407541962390 | 167682.41 | 3908674.45 | FENCEGRD | 1.72E-07 | 1.62E-07 | 1.52E-07 | 1.43E-07 | 8.15E-09 | 3.96E-08 | 2.80E-09 | 2.71E-09 | 2.62E-09 | 2.54E-09 |
| 167661.509541962390 | 167661.51 | 3908687.54 | FENCEGRD | 1.56E-07 | 1.47E-07 | 1.37E-07 | 1.30E-07 | 7.43E-09 | 3.32E-08 | 2.47E-09 | 2.39E-09 | 2.31E-09 | 2.24E-09 |
| 167640.611541962390 | 167640.61 | 3908700.62 | FENCEGRD | 1.40E-07 | 1.32E-07 | 1.24E-07 | 1.18E-07 | 6.73E-09 | 2.80E-08 | 2.16E-09 | 2.10E-09 | 2.03E-09 | 1.98E-09 |
| 167619.713541962390 | 167619.71 | 3908713.71 | FENCEGRD | 1.26E-07 | 1.20E-07 | 1.13E-07 | 1. | | | | | | |

2<16 Dose

| | | | | 2<16 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.849192287390 | 168005.85 | 3908937.31 | FENCEGRD | 4.71E-07 | 4.94E-07 | 5.21E-07 | 5.43E-07 | 3.10E-08 | 1.00E-07 | 1.01E-08 | 1.03E-08 | 1.05E-08 | 1.06E-08 |
| 167655.874427453390 | 167655.87 | 3908632.07 | FENCEGRD | 1.28E-07 | 1.22E-07 | 1.15E-07 | 1.10E-07 | 6.46E-09 | 2.94E-08 | 2.13E-09 | 2.07E-09 | 2.01E-09 | 1.96E-09 |
| 167634.976427453390 | 167634.98 | 3908645.16 | FENCEGRD | 1.18E-07 | 1.12E-07 | 1.06E-07 | 1.01E-07 | 5.89E-09 | 2.52E-08 | 1.90E-09 | 1.85E-09 | 1.80E-09 | 1.75E-09 |
| 167614.078427453390 | 167614.08 | 3908658.24 | FENCEGRD | 1.08E-07 | 1.03E-07 | 9.77E-08 | 9.36E-08 | 5.38E-09 | 2.18E-08 | 1.70E-09 | 1.66E-09 | 1.61E-09 | 1.58E-09 |
| 167593.180427453390 | 167593.18 | 3908671.33 | FENCEGRD | 9.95E-08 | 9.50E-08 | 9.01E-08 | 8.63E-08 | 4.92E-09 | 1.91E-08 | 1.53E-09 | 1.50E-09 | 1.46E-09 | 1.43E-09 |
| 167572.282427453390 | 167572.28 | 3908684.41 | FENCEGRD | 9.09E-08 | 8.67E-08 | 8.21E-08 | 7.84E-08 | 4.51E-09 | 1.69E-08 | 1.38E-09 | 1.35E-09 | 1.31E-09 | 1.28E-09 |
| 167551.384427453390 | 167551.38 | 3908697.49 | FENCEGRD | 8.18E-08 | 7.79E-08 | 7.37E-08 | 7.05E-08 | 4.14E-09 | 1.51E-08 | 1.23E-09 | 1.20E-09 | 1.17E-09 | 1.14E-09 |
| 167653.555952718390 | 167653.56 | 3908591.98 | FENCEGRD | 1.15E-07 | 1.10E-07 | 1.04E-07 | 9.95E-08 | 5.96E-09 | 2.78E-08 | 1.97E-09 | 1.91E-09 | 1.86E-09 | 1.82E-09 |
| 167677.770592492390 | 167677.77 | 3908594.27 | FENCEGRD | 1.33E-07 | 1.26E-07 | 1.19E-07 | 1.13E-07 | 6.80E-09 | 3.38E-08 | 2.31E-09 | 2.24E-09 | 2.18E-09 | 2.12E-09 |
| 167701.985232266390 | 167701.99 | 3908596.56 | FENCEGRD | 1.55E-07 | 1.47E-07 | 1.38E-07 | 1.32E-07 | 7.81E-09 | 4.22E-08 | 2.74E-09 | 2.66E-09 | 2.58E-09 | 2.51E-09 |
| 167726.199872043908 | 167726.20 | 3908598.85 | FENCEGRD | 1.79E-07 | 1.71E-07 | 1.61E-07 | 1.53E-07 | 8.94E-09 | 5.06E-08 | 3.24E-09 | 3.15E-09 | 3.06E-09 | 2.97E-09 |
| 167750.414511815390 | 167750.41 | 3908601.14 | FENCEGRD | 1.93E-07 | 1.87E-07 | 1.80E-07 | 1.76E-07 | 1.02E-08 | 5.83E-08 | 3.62E-09 | 3.56E-09 | 3.49E-09 | 3.43E-09 |
| 167774.629151589390 | 167774.63 | 3908603.43 | FENCEGRD | 2.08E-07 | 2.01E-07 | 1.94E-07 | 1.88E-07 | 1.10E-08 | 6.68E-08 | 3.88E-09 | 3.81E-09 | 3.73E-09 | 3.66E-09 |
| 167798.843791363390 | 167798.84 | 3908605.72 | FENCEGRD | 2.24E-07 | 2.16E-07 | 2.09E-07 | 2.02E-07 | 1.15E-08 | 7.73E-08 | 4.17E-09 | 4.10E-09 | 4.02E-09 | 3.95E-09 |
| 167823.058431138390 | 167823.06 | 3908608.00 | FENCEGRD | 2.42E-07 | 2.35E-07 | 2.27E-07 | 2.20E-07 | 1.22E-08 | 8.97E-08 | 4.52E-09 | 4.45E-09 | 4.37E-09 | 4.30E-09 |
| 167847.273070912390 | 167847.27 | 3908610.29 | FENCEGRD | 2.61E-07 | 2.54E-07 | 2.47E-07 | 2.40E-07 | 1.30E-08 | 1.03E-07 | 4.90E-09 | 4.83E-09 | 4.75E-09 | 4.69E-09 |
| 167871.487710686390 | 167871.49 | 3908612.58 | FENCEGRD | 2.77E-07 | 2.71E-07 | 2.64E-07 | 2.58E-07 | 1.38E-08 | 1.16E-07 | 5.23E-09 | 5.16E-09 | 5.10E-09 | 5.03E-09 |
| 167895.702350461390 | 167895.70 | 3908614.87 | FENCEGRD | 2.90E-07 | 2.85E-07 | 2.79E-07 | 2.74E-07 | 1.44E-08 | 1.27E-07 | 5.52E-09 | 5.47E-09 | 5.41E-09 | 5.35E-09 |
| 167919.916990235390 | 167919.92 | 3908617.16 | FENCEGRD | 3.01E-07 | 2.97E-07 | 2.92E-07 | 2.87E-07 | 1.50E-08 | 1.38E-07 | 5.79E-09 | 5.74E-09 | 5.68E-09 | 5.63E-09 |
| 167944.131630009390 | 167944.13 | 3908619.45 | FENCEGRD | 3.10E-07 | 3.06E-07 | 3.01E-07 | 2.97E-07 | 1.55E-08 | 1.48E-07 | 6.01E-09 | 5.96E-09 | 5.90E-09 | 5.85E-09 |
| 167968.346269784390 | 167968.35 | 3908621.74 | FENCEGRD | 3.26E-07 | 3.22E-07 | 3.17E-07 | 3.13E-07 | 1.64E-08 | 1.59E-07 | 6.39E-09 | 6.34E-09 | 6.29E-09 | 6.24E-09 |
| 167996.659529421390 | 167996.66 | 3908648.00 | FENCEGRD | 3.83E-07 | 3.78E-07 | 3.74E-07 | 3.70E-07 | 1.94E-08 | 1.91E-07 | 7.72E-09 | 7.67E-09 | 7.61E-09 | 7.57E-09 |
| 168000.758149285390 | 168000.76 | 3908671.98 | FENCEGRD | 4.16E-07 | 4.11E-07 | 4.07E-07 | 4.03E-07 | 2.06E-08 | 2.04E-07 | 8.34E-09 | 8.29E-09 | 8.24E-09 | 8.19E-09 |
| 168004.856769148390 | 168004.86 | 3908695.95 | FENCEGRD | 4.48E-07 | 4.44E-07 | 4.40E-07 | 4.36E-07 | 2.20E-08 | 2.09E-07 | 8.88E-09 | 8.84E-09 | 8.78E-09 | 8.73E-09 |
| 168008.955389012390 | 168008.96 | 3908719.92 | FENCEGRD | 4.76E-07 | 4.73E-07 | 4.70E-07 | 4.66E-07 | 2.30E-08 | 2.05E-07 | 9.29E-09 | 9.24E-09 | 9.19E-09 | 9.14E-09 |
| 168013.054008875390 | 168013.05 | 3908743.90 | FENCEGRD | 5.00E-07 | 4.99E-07 | 4.97E-07 | 4.95E-07 | 2.38E-08 | 1.96E-07 | 9.65E-09 | 9.61E-09 | 9.57E-09 | 9.52E-09 |
| 168017.152628739390 | 168017.15 | 3908767.87 | FENCEGRD | 5.23E-07 | 5.25E-07 | 5.27E-07 | 5.27E-07 | 2.52E-08 | 1.85E-07 | 1.01E-08 | 1.01E-08 | 1.01E-08 | 1.01E-08 |
| 168021.251248602390 | 168021.25 | 3908791.85 | FENCEGRD | 5.38E-07 | 5.43E-07 | 5.48E-07 | 5.51E-07 | 2.64E-08 | 1.70E-07 | 1.05E-08 | 1.05E-08 | 1.05E-08 | 1.05E-08 |
| 168025.349868465390 | 168025.35 | 3908815.82 | FENCEGRD | 5.42E-07 | 5.50E-07 | 5.60E-07 | 5.66E-07 | 2.75E-08 | 1.55E-07 | 1.06E-08 | 1.07E-08 | 1.07E-08 | 1.07E-08 |
| 168029.448488329390 | 168029.45 | 3908839.80 | FENCEGRD | 5.35E-07 | 5.47E-07 | 5.61E-07 | 5.71E-07 | 2.85E-08 | 1.40E-07 | 1.06E-08 | 1.07E-08 | 1.08E-08 | 1.09E-08 |
| 168033.547108192390 | 168033.55 | 3908863.77 | FENCEGRD | 5.19E-07 | 5.34E-07 | 5.51E-07 | 5.64E-07 | 2.93E-08 | 1.26E-07 | 1.05E-08 | 1.06E-08 | 1.07E-08 | 1.08E-08 |
| 168037.645728056390 | 168037.65 | 3908887.75 | FENCEGRD | 4.92E-07 | 5.09E-07 | 5.29E-07 | 5.45E-07 | 2.97E-08 | 1.13E-07 | 1.02E-08 | 1.03E-08 | 1.04E-08 | 1.06E-08 |
| 168041.744347919390 | 168041.74 | 3908911.72 | FENCEGRD | 4.53E-07 | 4.72E-07 | 4.94E-07 | 5.13E-07 | 2.98E-08 | 1.01E-07 | 9.70E-09 | 9.85E-09 | 1.00E-08 | 1.01E-08 |
| 168045.842967783390 | 168045.84 | 3908935.70 | FENCEGRD | 4.03E-07 | 4.23E-07 | 4.46E-07 | 4.67E-07 | 2.94E-08 | 8.94E-08 | 9.05E-09 | 9.21E-09 | 9.38E-09 | 9.54E-09 |
| 168049.941587646390 | 168049.94 | 3908959.67 | FENCEGRD | 3.47E-07 | 3.66E-07 | 3.89E-07 | 4.09E-07 | 2.86E-08 | 7.94E-08 | 8.24E-09 | 8.42E-09 | 8.60E-09 | 8.77E-09 |
| 167629.341312943390 | 167629.34 | 3908589.69 | FENCEGRD | 1.02E-07 | 9.73E-08 | 9.27E-08 | 8.90E-08 | 5.27E-09 | 2.33E-08 | 1.70E-09 | 1.66E-09 | 1.62E-09 | 1.59E-09 |
| 167608.443312943390 | 167608.44 | 3908602.78 | FENCEGRD | 9.48E-08 | 9.09E-08 | 8.66E-08 | 8.33E-08 | 4.84E-09 | 2.05E-08 | 1.55E-09 | 1.51E-09 | 1.48E-09 | 1.45E-09 |
| 167587.545312943390 | 167587.55 | 3908615.86 | FENCEGRD | 8.81E-08 | 8.45E-08 | 8.05E-08 | 7.73E-08 | 4.46E-09 | 1.80E-08 | 1.41E-09 | 1.38E-09 | 1.35E-09 | 1.32E-09 |
| 167566.647312943390 | 167566.65 | 3908628.95 | FENCEGRD | 8.13E-08 | 7.78E-08 | 7.41E-08 | 7.10E-08 | 4.12E-09 | 1.60E-08 | 1.28E-09 | 1.25E-09 | 1.23E-09 | 1.20E-09 |
| 167545.749312943390 | 167545.75 | 3908642.03 | FENCEGRD | 7.41E-08 | 7.09E-08 | 6.73E-08 | 6.45E-08 | 3.81E-09 | 1.42E-08 | 1.16E-09 | 1.13E-09 | 1.10E-09 | 1.08E-09 |
| 167524.851312943390 | 167524.85 | 3908655.11 | FENCEGRD | 6.71E-08 | 6.42E-08 | 6.10E-08 | 5.85E-08 | 3.55E-09 | 1.28E-08 | 1.03E-09 | 1.01E-09 | 9.85E-10 | 9.63E-10 |
| 167600.489723699390 | 167600.49 | 3908507.23 | FENCEGRD | 7.98E-08 | 7.71E-08 | 7.40E-08 | 7.15E-08 | 4.26E-09 | 1.96E-08 | 1.39E-09 | 1.37E-09 | 1.34E-09 | 1.31E-09 |
| 167624.704363473390 | 167624.70 | 3908509.51 | FENCEGRD | 8.65E-08 | 8.33E-08 | 7.99E-08 | 7.71E-08 | 4.68E-09 | 2.21E-08 | 1.53E-09 | 1.50E-09 | 1.47E-09 | 1.44E-09 |
| 167648.919003247390 | 167648.92 | 3908511.80 | FENCEGRD | 9.50E-08 | 9.12E-08 | 8.72E-08 | 8.40E-08 | 5.19E-09 | 2.55E-08 | 1.72E-09 | 1.68E-09 | 1.64E-09 | 1.61E-09 |
| 167673.133643022390 | 167673.13 | 3908514.09 | FENCEGRD | 1.06E-07 | 1.01E-07 | 9.66E-08 | 9.27E-08 | 5.80E-09 | 2.97E-08 | 1.95E-09 | 1.91E-09 | 1.86E-09 | 1.82E-09 |
| 167697.348282796390 | 167697.35 | 3908516.38 | FENCEGRD | 1.19E-07 | 1.13E-07 | 1.08E-07 | 1.03E-07 | 6.46E-09 | 3.48E-08 | 2.23E-09 | 2.17E-09 | 2.11E-09 | 2.06E-09 |
| 167721.562922573908 | 167721.56 | 3908518.67 | FENCEGRD | 1.34E-07 | 1.28E-07 | 1.22E-07 | 1.16E-07 | 7.24E-09 | 4.13E-08 | 2.56E-09 | 2.49E-09 | 2.43E-09 | 2.37E-09 |
| 167745.777562345390 | 167745.78 | 3908520.96 | FENCEGRD | 1.48E-07 | 1.44E-07 | 1.38E-07 | 1.33E-07 | 8.20E-09 | 4.69E-08 | 2.94E-09 | 2.89E-09 | 2.82E-09 | 2.76E-09 |
| 167769.992202119390 | 167769.99 | 3908523.25 | FENCEGRD | 1.57E-07 | 1.52E-07 | 1.47E-07 | 1.43E-07 | 9.11E-09 | 5.20E-08 | 3.13E-09 | 3.08E-09 | 3.02E-09 | 2.97E-09 |
| 167794.206841893390 | 167794.21 | 3908525.54 | FENCEGRD | 1.67E-07 | 1.62E-07 | 1.57E-07 | 1.52E-07 | 9.44E-09 | 5.82E-08 | 3.33E-09 | 3.27E-09 | 3.21E-09 | 3.16E-09 |
| 167818.421481668390 | 167818.42 | 3908527.82 | FENCEGRD | 1.82E-07 | 1.76E-07 | 1.71E-07 | 1.66E-07 | 1.01E-08 | 6.66E-08 | 3.62E-09 | 3.57E-09 | 3.50E-09 | 3.45E-09 |
| 167842.636121442390 | 167842.64 | 3908530.11 | FENCEGRD | 1.98E-07 | 1.92E-07 | 1.87E-07 | 1.82E-07 | 1.09E-08 | 7.64E-08 | 3.96E-09 | 3.90E-09 | 3.84E-09 | 3.78E-09 |
| 167866.850761216390 | 167866.85 | 3908532.40 | FENCEGRD | 2.12E-07 | 2.07E-07 | 2.01E-07 | 1.97E-07 | 1.15E-08 | 8.61E-08 | 4.26E-09 | 4.21E-09 | 4.15E-09 | 4.09E-09 |
| 167891.065400991390 | 167891.07 | 3908534.69 | FENCEGRD | 2.25E-07 | 2.20E-07 | 2.15E-07 | 2.11E-07 | 1.22E-08 | 9.54E-08 | 4.54E-09 | 4.49E-09 | 4.44E-09 | 4.39E-09 |
| 167915.280040765390 | 167915.28 | 3908536.98 | FENCEGRD | 2.36E-07 | 2.32E-07 | 2.27E-07 | 2.23E-07 | 1.28E-08 | 1.04E-07 | 4.80E-09 | 4.76E-09 | 4.71E-09 | 4.66E-09 |
| 167939.494680539390 | 167939.49 | 3908539.27 | FENCEGRD | 2.46E-07 | 2.43E-07 | 2.39E-07 | 2.35E-07 | 1.34E-08 | 1.12E-07 | 5.06E-09 | 5.02E-09 | 4.97E-09 | 4.93E-09 |
| 167963.709320314390 | 167963.71 | 3908541.56 | FENCEGRD | 2.57E-07 | 2.53E-07 | 2.50E-07 | 2.46E-07 | 1.41E-08 | 1.20E-07 | 5.32E-09 | 5.28E-09 | 5.24E-09 | 5.20E-09 |
| 167987.923960088390 | 167987.92 | 3908543.84 | FENCEGRD | 2.68E-07 | 2.65E-07 | 2.62E-07 | 2.59E-07 | 1.49E-08 | 1.30E-07 | 5.65E-09 | 5.62E-09 | 5.58E-09 | 5.54E-09 |
| 168012.138599862390 | 168012.14 | 3908546.13 | FENCEGRD | 2.85E-07 | 2.82E-07 | 2.78E-07 | 2.74E-07 | 1.56E-08 | 1.46E-07 | 6.22E-09 | 6.19E-09 | 6.15E-09 | 6.09E-09 |
| 168036.353239637390 | 168036.35 | 3908548.42 | FENCEGRD | 2.93E-07 | 2.87E-07 | 2.80E-07 | 2.75E-07 | 1.56E-08 | 1.56E-07 | 6.37E-09 | 6.29E-09 | 6.21E-09 | 6.13E-09 |
| 168064.666499274390 | 168064.67 | 3908574.69 | FENCEGRD | 3.21E-07 | 3.17E-07 | 3.11E-07 | 3.05E-07 | 1.72E-08 | 1.71E-07 | 7.11E-09 | 7.04E-09 | 6.95E-09 | 6.86E-09 |
| 168068.765119138390 | 168068.77 | 3908598.66 | FENCEGRD | 3.43E-07 | 3.40E-07 | 3.35E-07 | 3. | | | | | | |

2<16 Dose

| | | | | 2<16 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167471.785083924390 | 167471.79 | 3908570.36 | FENCEGRD | 5.07E-08 | 4.88E-08 | 4.67E-08 | 4.51E-08 | 2.83E-09 | 1.04E-08 | 7.94E-10 | 7.78E-10 | 7.61E-10 | 7.46E-10 |
| 167547.423494683908 | 167547.42 | 3908422.47 | FENCEGRD | 5.64E-08 | 5.55E-08 | 5.47E-08 | 5.40E-08 | 3.50E-09 | 1.42E-08 | 1.08E-09 | 1.07E-09 | 1.05E-09 | 1.04E-09 |
| 167571.638134454390 | 167571.64 | 3908424.76 | FENCEGRD | 6.15E-08 | 6.07E-08 | 5.99E-08 | 5.94E-08 | 3.82E-09 | 1.60E-08 | 1.18E-09 | 1.17E-09 | 1.16E-09 | 1.15E-09 |
| 167595.852774228390 | 167595.85 | 3908427.04 | FENCEGRD | 6.69E-08 | 6.60E-08 | 6.53E-08 | 6.49E-08 | 4.12E-09 | 1.80E-08 | 1.29E-09 | 1.28E-09 | 1.27E-09 | 1.26E-09 |
| 167620.067414003390 | 167620.07 | 3908429.33 | FENCEGRD | 7.25E-08 | 7.15E-08 | 7.08E-08 | 7.02E-08 | 4.44E-09 | 2.04E-08 | 1.42E-09 | 1.41E-09 | 1.39E-09 | 1.38E-09 |
| 167644.282053777390 | 167644.28 | 3908431.62 | FENCEGRD | 7.90E-08 | 7.78E-08 | 7.69E-08 | 7.51E-08 | 4.82E-09 | 2.30E-08 | 1.57E-09 | 1.56E-09 | 1.54E-09 | 1.51E-09 |
| 167668.496693551390 | 167668.50 | 3908433.91 | FENCEGRD | 8.69E-08 | 8.53E-08 | 8.30E-08 | 8.05E-08 | 5.24E-09 | 2.62E-08 | 1.75E-09 | 1.73E-09 | 1.69E-09 | 1.66E-09 |
| 167692.711333325390 | 167692.71 | 3908436.20 | FENCEGRD | 9.64E-08 | 9.35E-08 | 9.00E-08 | 8.67E-08 | 5.69E-09 | 2.99E-08 | 1.94E-09 | 1.91E-09 | 1.86E-09 | 1.82E-09 |
| 167716.925973139084 | 167716.93 | 3908438.49 | FENCEGRD | 1.06E-07 | 1.03E-07 | 9.81E-08 | 9.44E-08 | 6.20E-09 | 3.41E-08 | 2.16E-09 | 2.11E-09 | 2.06E-09 | 2.02E-09 |
| 167741.140612874390 | 167741.14 | 3908440.78 | FENCEGRD | 1.17E-07 | 1.13E-07 | 1.08E-07 | 1.04E-07 | 6.78E-09 | 3.88E-08 | 2.40E-09 | 2.35E-09 | 2.29E-09 | 2.24E-09 |
| 167765.355252648390 | 167765.36 | 3908443.07 | FENCEGRD | 1.25E-07 | 1.22E-07 | 1.19E-07 | 1.15E-07 | 7.49E-09 | 4.34E-08 | 2.65E-09 | 2.61E-09 | 2.57E-09 | 2.52E-09 |
| 167789.569892423390 | 167789.57 | 3908445.35 | FENCEGRD | 1.34E-07 | 1.30E-07 | 1.26E-07 | 1.23E-07 | 8.24E-09 | 4.78E-08 | 2.82E-09 | 2.78E-09 | 2.74E-09 | 2.70E-09 |
| 167813.784532197390 | 167813.78 | 3908447.64 | FENCEGRD | 1.44E-07 | 1.40E-07 | 1.36E-07 | 1.33E-07 | 8.73E-09 | 5.35E-08 | 3.04E-09 | 3.00E-09 | 2.96E-09 | 2.91E-09 |
| 167837.999171971390 | 167838.00 | 3908449.93 | FENCEGRD | 1.54E-07 | 1.50E-07 | 1.46E-07 | 1.43E-07 | 9.23E-09 | 5.99E-08 | 3.27E-09 | 3.23E-09 | 3.18E-09 | 3.14E-09 |
| 167862.213811746390 | 167862.21 | 3908452.22 | FENCEGRD | 1.67E-07 | 1.63E-07 | 1.59E-07 | 1.55E-07 | 9.91E-09 | 6.76E-08 | 3.56E-09 | 3.51E-09 | 3.47E-09 | 3.42E-09 |
| 167886.428451523908 | 167886.43 | 3908454.51 | FENCEGRD | 1.79E-07 | 1.75E-07 | 1.71E-07 | 1.67E-07 | 1.06E-08 | 7.56E-08 | 3.84E-09 | 3.80E-09 | 3.75E-09 | 3.71E-09 |
| 167910.643091294390 | 167910.64 | 3908456.80 | FENCEGRD | 1.90E-07 | 1.86E-07 | 1.82E-07 | 1.79E-07 | 1.12E-08 | 8.32E-08 | 4.10E-09 | 4.06E-09 | 4.02E-09 | 3.98E-09 |
| 167934.857731068390 | 167934.86 | 3908459.09 | FENCEGRD | 2.00E-07 | 1.96E-07 | 1.93E-07 | 1.90E-07 | 1.18E-08 | 9.06E-08 | 4.35E-09 | 4.32E-09 | 4.28E-09 | 4.24E-09 |
| 167959.072370843390 | 167959.07 | 3908461.38 | FENCEGRD | 2.11E-07 | 2.07E-07 | 2.04E-07 | 2.01E-07 | 1.25E-08 | 9.92E-08 | 4.67E-09 | 4.64E-09 | 4.60E-09 | 4.57E-09 |
| 167983.287010617390 | 167983.29 | 3908463.66 | FENCEGRD | 2.21E-07 | 2.18E-07 | 2.14E-07 | 2.11E-07 | 1.28E-08 | 1.08E-07 | 4.98E-09 | 4.95E-09 | 4.92E-09 | 4.87E-09 |
| 168007.501650391390 | 168007.50 | 3908465.95 | FENCEGRD | 2.28E-07 | 2.23E-07 | 2.18E-07 | 2.13E-07 | 1.29E-08 | 1.17E-07 | 5.11E-09 | 5.05E-09 | 4.99E-09 | 4.92E-09 |
| 168031.716290166390 | 168031.72 | 3908468.24 | FENCEGRD | 2.29E-07 | 2.25E-07 | 2.19E-07 | 2.15E-07 | 1.30E-08 | 1.19E-07 | 5.14E-09 | 5.07E-09 | 5.01E-09 | 4.96E-09 |
| 168055.930929943908 | 168055.93 | 3908470.53 | FENCEGRD | 2.33E-07 | 2.28E-07 | 2.23E-07 | 2.19E-07 | 1.32E-08 | 1.23E-07 | 5.26E-09 | 5.20E-09 | 5.14E-09 | 5.08E-09 |
| 168080.145569714390 | 168080.15 | 3908472.82 | FENCEGRD | 2.37E-07 | 2.33E-07 | 2.28E-07 | 2.23E-07 | 1.36E-08 | 1.27E-07 | 5.41E-09 | 5.34E-09 | 5.28E-09 | 5.22E-09 |
| 168104.360209489390 | 168104.36 | 3908475.11 | FENCEGRD | 2.42E-07 | 2.37E-07 | 2.32E-07 | 2.28E-07 | 1.39E-08 | 1.32E-07 | 5.57E-09 | 5.50E-09 | 5.44E-09 | 5.38E-09 |
| 168132.673469126390 | 168132.67 | 3908501.37 | FENCEGRD | 2.67E-07 | 2.63E-07 | 2.58E-07 | 2.54E-07 | 1.54E-08 | 1.50E-07 | 6.26E-09 | 6.19E-09 | 6.12E-09 | 6.06E-09 |
| 168136.772088993908 | 168136.77 | 3908525.35 | FENCEGRD | 2.87E-07 | 2.83E-07 | 2.78E-07 | 2.73E-07 | 1.64E-08 | 1.58E-07 | 6.73E-09 | 6.65E-09 | 6.58E-09 | 6.51E-09 |
| 168140.870708853390 | 168140.87 | 3908549.32 | FENCEGRD | 3.04E-07 | 3.01E-07 | 2.98E-07 | 2.93E-07 | 1.75E-08 | 1.64E-07 | 7.16E-09 | 7.11E-09 | 7.04E-09 | 6.97E-09 |
| 168144.969328717390 | 168144.97 | 3908573.30 | FENCEGRD | 3.22E-07 | 3.20E-07 | 3.15E-07 | 3.11E-07 | 1.83E-08 | 1.70E-07 | 7.54E-09 | 7.47E-09 | 7.40E-09 | 7.33E-09 |
| 168149.067948583908 | 168149.07 | 3908597.27 | FENCEGRD | 3.39E-07 | 3.38E-07 | 3.36E-07 | 3.33E-07 | 1.96E-08 | 1.70E-07 | 7.92E-09 | 7.91E-09 | 7.89E-09 | 7.85E-09 |
| 168153.166568444390 | 168153.17 | 3908621.24 | FENCEGRD | 3.53E-07 | 3.52E-07 | 3.52E-07 | 3.51E-07 | 2.08E-08 | 1.65E-07 | 8.04E-09 | 8.03E-09 | 8.02E-09 | 8.00E-09 |
| 168157.265188307390 | 168157.27 | 3908645.22 | FENCEGRD | 3.65E-07 | 3.66E-07 | 3.66E-07 | 3.66E-07 | 2.14E-08 | 1.61E-07 | 8.24E-09 | 8.24E-09 | 8.24E-09 | 8.23E-09 |
| 168161.363808171390 | 168161.36 | 3908669.19 | FENCEGRD | 3.76E-07 | 3.78E-07 | 3.81E-07 | 3.82E-07 | 2.24E-08 | 1.57E-07 | 8.50E-09 | 8.52E-09 | 8.53E-09 | 8.54E-09 |
| 168165.462428034390 | 168165.46 | 3908693.17 | FENCEGRD | 3.80E-07 | 3.84E-07 | 3.88E-07 | 3.91E-07 | 2.29E-08 | 1.48E-07 | 8.56E-09 | 8.59E-09 | 8.62E-09 | 8.64E-09 |
| 168169.561047897390 | 168169.56 | 3908717.14 | FENCEGRD | 3.79E-07 | 3.84E-07 | 3.91E-07 | 3.95E-07 | 2.33E-08 | 1.38E-07 | 8.53E-09 | 8.57E-09 | 8.62E-09 | 8.66E-09 |
| 168173.659667761390 | 168173.66 | 3908741.12 | FENCEGRD | 3.73E-07 | 3.80E-07 | 3.88E-07 | 3.94E-07 | 2.36E-08 | 1.27E-07 | 8.43E-09 | 8.49E-09 | 8.55E-09 | 8.60E-09 |
| 168177.758287624390 | 168177.76 | 3908765.09 | FENCEGRD | 3.69E-07 | 3.77E-07 | 3.86E-07 | 3.93E-07 | 2.41E-08 | 1.18E-07 | 8.38E-09 | 8.45E-09 | 8.52E-09 | 8.59E-09 |
| 168181.856907488390 | 168181.86 | 3908789.07 | FENCEGRD | 3.64E-07 | 3.73E-07 | 3.83E-07 | 3.92E-07 | 2.46E-08 | 1.10E-07 | 8.32E-09 | 8.40E-09 | 8.49E-09 | 8.57E-09 |
| 168185.955527351390 | 168185.96 | 3908813.04 | FENCEGRD | 3.50E-07 | 3.60E-07 | 3.71E-07 | 3.81E-07 | 2.47E-08 | 1.01E-07 | 8.08E-09 | 8.18E-09 | 8.27E-09 | 8.36E-09 |
| 168190.054147215390 | 168190.05 | 3908837.02 | FENCEGRD | 3.29E-07 | 3.40E-07 | 3.53E-07 | 3.64E-07 | 2.44E-08 | 9.13E-08 | 7.73E-09 | 7.83E-09 | 7.94E-09 | 8.04E-09 |
| 168194.152767078390 | 168194.15 | 3908860.99 | FENCEGRD | 3.05E-07 | 3.16E-07 | 3.30E-07 | 3.42E-07 | 2.40E-08 | 8.25E-08 | 7.31E-09 | 7.42E-09 | 7.54E-09 | 7.65E-09 |
| 168198.251386942390 | 168198.25 | 3908884.97 | FENCEGRD | 2.79E-07 | 2.91E-07 | 3.05E-07 | 3.17E-07 | 2.35E-08 | 7.46E-08 | 6.85E-09 | 6.97E-09 | 7.09E-09 | 7.20E-09 |
| 168202.350006805390 | 168202.35 | 3908908.94 | FENCEGRD | 2.46E-07 | 2.57E-07 | 2.70E-07 | 2.82E-07 | 2.25E-08 | 6.64E-08 | 6.22E-09 | 6.34E-09 | 6.45E-09 | 6.57E-09 |
| 168206.448626668390 | 168206.45 | 3908932.92 | FENCEGRD | 2.15E-07 | 2.25E-07 | 2.37E-07 | 2.47E-07 | 2.13E-08 | 5.94E-08 | 5.60E-09 | 5.71E-09 | 5.82E-09 | 5.92E-09 |
| 168210.547246532390 | 168210.55 | 3908956.89 | FENCEGRD | 1.91E-07 | 1.99E-07 | 2.09E-07 | 2.18E-07 | 2.02E-08 | 5.35E-08 | 5.03E-09 | 5.12E-09 | 5.22E-09 | 5.32E-09 |
| 168214.645866395390 | 168214.65 | 3908980.87 | FENCEGRD | 1.72E-07 | 1.79E-07 | 1.87E-07 | 1.95E-07 | 1.89E-08 | 4.84E-08 | 4.52E-09 | 4.60E-09 | 4.69E-09 | 4.77E-09 |
| 168218.744486259390 | 168218.74 | 3909004.84 | FENCEGRD | 1.55E-07 | 1.60E-07 | 1.67E-07 | 1.74E-07 | 1.75E-08 | 4.39E-08 | 4.07E-09 | 4.13E-09 | 4.20E-09 | 4.27E-09 |
| 168222.843106122390 | 168222.84 | 3909028.82 | FENCEGRD | 1.38E-07 | 1.43E-07 | 1.49E-07 | 1.55E-07 | 1.59E-08 | 3.99E-08 | 3.68E-09 | 3.73E-09 | 3.79E-09 | 3.85E-09 |
| 168226.941725986390 | 168226.94 | 3909052.79 | FENCEGRD | 1.21E-07 | 1.26E-07 | 1.32E-07 | 1.37E-07 | 1.44E-08 | 3.66E-08 | 3.34E-09 | 3.39E-09 | 3.44E-09 | 3.50E-09 |
| 167523.208854905390 | 167523.21 | 3908420.18 | FENCEGRD | 5.14E-08 | 5.05E-08 | 4.97E-08 | 4.90E-08 | 3.25E-09 | 1.27E-08 | 9.83E-10 | 9.73E-10 | 9.61E-10 | 9.50E-10 |
| 167502.310854905390 | 167502.31 | 3908433.26 | FENCEGRD | 5.01E-08 | 4.93E-08 | 4.85E-08 | 4.80E-08 | 3.22E-09 | 1.19E-08 | 9.43E-10 | 9.33E-10 | 9.20E-10 | 9.10E-10 |
| 167481.412854905390 | 167481.41 | 3908446.35 | FENCEGRD | 4.91E-08 | 4.84E-08 | 4.79E-08 | 4.73E-08 | 3.05E-09 | 1.13E-08 | 9.02E-10 | 8.93E-10 | 8.81E-10 | 8.71E-10 |
| 167460.514854905390 | 167460.51 | 3908459.43 | FENCEGRD | 4.85E-08 | 4.73E-08 | 4.57E-08 | 4.42E-08 | 2.83E-09 | 1.08E-08 | 8.38E-10 | 8.24E-10 | 8.08E-10 | 7.92E-10 |
| 167439.616854905390 | 167439.62 | 3908472.51 | FENCEGRD | 4.57E-08 | 4.42E-08 | 4.25E-08 | 4.11E-08 | 2.61E-09 | 1.02E-08 | 7.55E-10 | 7.40E-10 | 7.25E-10 | 7.12E-10 |
| 167418.718854905390 | 167418.72 | 3908485.60 | FENCEGRD | 4.26E-08 | 4.12E-08 | 3.97E-08 | 3.84E-08 | 2.40E-09 | 9.44E-09 | 6.80E-10 | 6.67E-10 | 6.54E-10 | 6.43E-10 |
| 167494.357265661390 | 167494.36 | 3908337.71 | FENCEGRD | 3.35E-08 | 3.28E-08 | 3.21E-08 | 3.16E-08 | 2.36E-09 | 9.65E-09 | 7.20E-10 | 7.12E-10 | 7.01E-10 | 6.92E-10 |
| 167518.571905435390 | 167518.57 | 3908340.00 | FENCEGRD | 3.72E-08 | 3.66E-08 | 3.58E-08 | 3.53E-08 | 2.53E-09 | 1.07E-08 | 7.90E-10 | 7.81E-10 | 7.71E-10 | 7.62E-10 |
| 167542.786545209390 | 167542.79 | 3908342.29 | FENCEGRD | 4.11E-08 | 4.05E-08 | 3.98E-08 | 3.92E-08 | 2.72E-09 | 1.19E-08 | 8.59E-10 | 8.51E-10 | 8.41E-10 | 8.32E-10 |
| 167567.001184984390 | 167567.00 | 3908344.57 | FENCEGRD | 4.48E-08 | 4.41E-08 | 4.35E-08 | 4.29E-08 | 2.92E-09 | 1.32E-08 | 9.29E-10 | 9.20E-10 | 9.11E-10 | 9.02E-10 |
| 167591.215824758390 | 167591.22 | 3908346.86 | FENCEGRD | 4.82E-08 | 4.75E-08 | 4.69E-08 | 4.64E-08 | 3.16E-09 | 1.47E-08 | 1.00E-09 | 9.92E-10 | 9.81E-10 | 9.72E-10 |
| 167615.430464532390 | 167615.43 | 3908349.15 | FENCEGRD | 5.17E-08 | 5.09E-08 | 5.02E-08 | 4.96E-08 | 3.42E-09 | 1.62E-08 | 1.08E-09 | 1.07E-09 | 1.06E-09 | 1.05E-09 |
| 167639.645104307390 | 167639.65 | 3908351.44 | FENCEGRD | 5.55E-08 | 5.45E-08 | 5.36E-08 | 5. | | | | | | |

2<16 Dose

| | | | | 2<16 Dose (mg/kg/day) | | | | | | | | | |
|----------------------|-----------|------------|----------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168200.680438979390 | 168200.68 | 3908428.06 | FENCEGRD | 2.29E-07 | 2.26E-07 | 2.22E-07 | 2.18E-07 | 1.42E-08 | 1.32E-07 | 5.70E-09 | 5.64E-09 | 5.58E-09 | 5.53E-09 |
| 168204.779058843390 | 168204.78 | 3908452.03 | FENCEGRD | 2.43E-07 | 2.40E-07 | 2.36E-07 | 2.33E-07 | 1.50E-08 | 1.38E-07 | 6.05E-09 | 5.99E-09 | 5.93E-09 | 5.88E-09 |
| 168208.877678706390 | 168208.88 | 3908476.01 | FENCEGRD | 2.56E-07 | 2.54E-07 | 2.51E-07 | 2.47E-07 | 1.59E-08 | 1.44E-07 | 6.39E-09 | 6.35E-09 | 6.29E-09 | 6.23E-09 |
| 168212.976298573908 | 168212.98 | 3908499.98 | FENCEGRD | 2.70E-07 | 2.68E-07 | 2.66E-07 | 2.64E-07 | 1.68E-08 | 1.47E-07 | 6.71E-09 | 6.69E-09 | 6.66E-09 | 6.63E-09 |
| 168217.074918433390 | 168217.07 | 3908523.96 | FENCEGRD | 2.83E-07 | 2.81E-07 | 2.80E-07 | 2.78E-07 | 1.79E-08 | 1.47E-07 | 6.88E-09 | 6.87E-09 | 6.85E-09 | 6.84E-09 |
| 168221.173538297390 | 168221.17 | 3908547.93 | FENCEGRD | 2.94E-07 | 2.93E-07 | 2.92E-07 | 2.91E-07 | 1.83E-08 | 1.46E-07 | 7.03E-09 | 7.02E-09 | 7.01E-09 | 6.99E-09 |
| 168225.272158163908 | 168225.27 | 3908571.90 | FENCEGRD | 3.05E-07 | 3.05E-07 | 3.05E-07 | 3.05E-07 | 1.90E-08 | 1.46E-07 | 7.25E-09 | 7.25E-09 | 7.25E-09 | 7.24E-09 |
| 168229.370778023390 | 168229.37 | 3908595.88 | FENCEGRD | 3.15E-07 | 3.16E-07 | 3.17E-07 | 3.18E-07 | 1.99E-08 | 1.45E-07 | 7.52E-09 | 7.53E-09 | 7.53E-09 | 7.54E-09 |
| 168233.469397887390 | 168233.47 | 3908619.85 | FENCEGRD | 3.23E-07 | 3.25E-07 | 3.28E-07 | 3.29E-07 | 2.08E-08 | 1.43E-07 | 7.75E-09 | 7.77E-09 | 7.78E-09 | 7.80E-09 |
| 168237.568017753908 | 168237.57 | 3908643.83 | FENCEGRD | 3.29E-07 | 3.32E-07 | 3.36E-07 | 3.38E-07 | 2.15E-08 | 1.39E-07 | 7.90E-09 | 7.94E-09 | 7.97E-09 | 8.00E-09 |
| 168241.666637614390 | 168241.67 | 3908667.80 | FENCEGRD | 3.32E-07 | 3.36E-07 | 3.40E-07 | 3.44E-07 | 2.22E-08 | 1.33E-07 | 7.98E-09 | 8.03E-09 | 8.07E-09 | 8.11E-09 |
| 168245.765257477390 | 168245.77 | 3908691.78 | FENCEGRD | 3.32E-07 | 3.37E-07 | 3.43E-07 | 3.47E-07 | 2.27E-08 | 1.26E-07 | 7.99E-09 | 8.04E-09 | 8.10E-09 | 8.15E-09 |
| 168249.863877341390 | 168249.86 | 3908715.75 | FENCEGRD | 3.29E-07 | 3.34E-07 | 3.41E-07 | 3.47E-07 | 2.29E-08 | 1.17E-07 | 7.90E-09 | 7.97E-09 | 8.03E-09 | 8.10E-09 |
| 168253.962497204390 | 168253.96 | 3908739.73 | FENCEGRD | 3.19E-07 | 3.26E-07 | 3.33E-07 | 3.40E-07 | 2.27E-08 | 1.07E-07 | 7.65E-09 | 7.72E-09 | 7.79E-09 | 7.86E-09 |
| 168258.061117067390 | 168258.06 | 3908763.70 | FENCEGRD | 3.01E-07 | 3.08E-07 | 3.16E-07 | 3.24E-07 | 2.21E-08 | 9.65E-08 | 7.23E-09 | 7.31E-09 | 7.38E-09 | 7.46E-09 |
| 168262.159736931390 | 168262.16 | 3908787.68 | FENCEGRD | 2.84E-07 | 2.92E-07 | 3.01E-07 | 3.09E-07 | 2.16E-08 | 8.80E-08 | 6.92E-09 | 7.00E-09 | 7.08E-09 | 7.16E-09 |
| 168266.258356794390 | 168266.26 | 3908811.65 | FENCEGRD | 2.65E-07 | 2.74E-07 | 2.84E-07 | 2.92E-07 | 2.12E-08 | 8.03E-08 | 6.59E-09 | 6.68E-09 | 6.76E-09 | 6.85E-09 |
| 168270.356976658390 | 168270.36 | 3908835.63 | FENCEGRD | 2.42E-07 | 2.51E-07 | 2.62E-07 | 2.71E-07 | 2.06E-08 | 7.28E-08 | 6.19E-09 | 6.28E-09 | 6.37E-09 | 6.46E-09 |
| 168274.455596521390 | 168274.46 | 3908859.60 | FENCEGRD | 2.19E-07 | 2.27E-07 | 2.38E-07 | 2.47E-07 | 1.99E-08 | 6.59E-08 | 5.75E-09 | 5.84E-09 | 5.94E-09 | 6.03E-09 |
| 168278.554216385390 | 168278.55 | 3908883.58 | FENCEGRD | 1.99E-07 | 2.07E-07 | 2.17E-07 | 2.26E-07 | 1.93E-08 | 5.99E-08 | 5.32E-09 | 5.41E-09 | 5.51E-09 | 5.60E-09 |
| 168282.652836248390 | 168282.65 | 3908907.55 | FENCEGRD | 1.80E-07 | 1.87E-07 | 1.96E-07 | 2.04E-07 | 1.85E-08 | 5.44E-08 | 4.87E-09 | 4.96E-09 | 5.05E-09 | 5.14E-09 |
| 168286.751456111390 | 168286.75 | 3908931.53 | FENCEGRD | 1.60E-07 | 1.67E-07 | 1.74E-07 | 1.81E-07 | 1.75E-08 | 4.92E-08 | 4.41E-09 | 4.49E-09 | 4.57E-09 | 4.64E-09 |
| 168290.850075975390 | 168290.85 | 3908955.50 | FENCEGRD | 1.44E-07 | 1.49E-07 | 1.55E-07 | 1.61E-07 | 1.63E-08 | 4.47E-08 | 3.98E-09 | 4.04E-09 | 4.11E-09 | 4.18E-09 |
| 168294.948695838390 | 168294.95 | 3908979.48 | FENCEGRD | 1.30E-07 | 1.35E-07 | 1.40E-07 | 1.45E-07 | 1.51E-08 | 4.07E-08 | 3.61E-09 | 3.66E-09 | 3.72E-09 | 3.78E-09 |
| 168299.047315702390 | 168299.05 | 3909003.45 | FENCEGRD | 1.16E-07 | 1.20E-07 | 1.25E-07 | 1.29E-07 | 1.38E-08 | 3.71E-08 | 3.28E-09 | 3.33E-09 | 3.38E-09 | 3.42E-09 |
| 168303.145935565390 | 168303.15 | 3909027.42 | FENCEGRD | 1.04E-07 | 1.08E-07 | 1.12E-07 | 1.16E-07 | 1.25E-08 | 3.40E-08 | 3.01E-09 | 3.06E-09 | 3.10E-09 | 3.14E-09 |
| 168307.244555429390 | 168307.24 | 3909051.40 | FENCEGRD | 9.25E-08 | 9.61E-08 | 1.00E-07 | 1.04E-07 | 1.15E-08 | 3.14E-08 | 2.78E-09 | 2.82E-09 | 2.86E-09 | 2.90E-09 |
| 168311.343175292390 | 168311.34 | 3909075.37 | FENCEGRD | 8.23E-08 | 8.55E-08 | 8.92E-08 | 9.27E-08 | 1.05E-08 | 2.91E-08 | 2.55E-09 | 2.59E-09 | 2.63E-09 | 2.66E-09 |
| 168315.441795156390 | 168315.44 | 3909099.35 | FENCEGRD | 7.38E-08 | 7.65E-08 | 7.97E-08 | 8.27E-08 | 9.70E-09 | 2.71E-08 | 2.33E-09 | 2.36E-09 | 2.39E-09 | 2.43E-09 |
| 167470.142625886390 | 167470.14 | 3908335.42 | FENCEGRD | 3.03E-08 | 2.98E-08 | 2.92E-08 | 2.87E-08 | 2.22E-09 | 8.73E-09 | 6.56E-10 | 6.47E-10 | 6.38E-10 | 6.29E-10 |
| 167449.244625886390 | 167449.24 | 3908348.50 | FENCEGRD | 2.97E-08 | 2.91E-08 | 2.86E-08 | 2.82E-08 | 2.17E-09 | 8.19E-09 | 6.20E-10 | 6.12E-10 | 6.03E-10 | 5.96E-10 |
| 167428.346625886390 | 167428.35 | 3908361.59 | FENCEGRD | 2.89E-08 | 2.84E-08 | 2.80E-08 | 2.76E-08 | 2.09E-09 | 7.70E-09 | 5.83E-10 | 5.76E-10 | 5.69E-10 | 5.62E-10 |
| 167407.448625886390 | 167407.45 | 3908374.67 | FENCEGRD | 2.84E-08 | 2.80E-08 | 2.76E-08 | 2.73E-08 | 2.01E-09 | 7.33E-09 | 5.52E-10 | 5.47E-10 | 5.40E-10 | 5.35E-10 |
| 167386.550625886390 | 167386.55 | 3908387.76 | FENCEGRD | 2.79E-08 | 2.75E-08 | 2.71E-08 | 2.69E-08 | 1.93E-09 | 7.04E-09 | 5.26E-10 | 5.21E-10 | 5.15E-10 | 5.10E-10 |
| 167365.652625886390 | 167365.65 | 3908400.84 | FENCEGRD | 2.68E-08 | 2.64E-08 | 2.61E-08 | 2.59E-08 | 1.82E-09 | 6.75E-09 | 4.95E-10 | 4.91E-10 | 4.85E-10 | 4.81E-10 |
| 167441.291036642390 | 167441.29 | 3908252.95 | FENCEGRD | 2.20E-08 | 2.17E-08 | 2.13E-08 | 2.11E-08 | 1.81E-09 | 7.31E-09 | 5.32E-10 | 5.25E-10 | 5.18E-10 | 5.12E-10 |
| 167465.505676416390 | 167465.51 | 3908255.24 | FENCEGRD | 2.47E-08 | 2.43E-08 | 2.38E-08 | 2.35E-08 | 1.95E-09 | 8.08E-09 | 5.87E-10 | 5.80E-10 | 5.72E-10 | 5.65E-10 |
| 167489.720316193908 | 167489.72 | 3908257.53 | FENCEGRD | 2.79E-08 | 2.74E-08 | 2.69E-08 | 2.65E-08 | 2.09E-09 | 8.94E-09 | 6.46E-10 | 6.39E-10 | 6.30E-10 | 6.23E-10 |
| 167513.934955965390 | 167513.93 | 3908259.82 | FENCEGRD | 3.15E-08 | 3.10E-08 | 3.05E-08 | 3.01E-08 | 2.24E-09 | 9.93E-09 | 7.08E-10 | 7.01E-10 | 6.93E-10 | 6.85E-10 |
| 167538.149595739390 | 167538.15 | 3908262.11 | FENCEGRD | 3.55E-08 | 3.50E-08 | 3.45E-08 | 3.41E-08 | 2.43E-09 | 1.11E-08 | 7.75E-10 | 7.68E-10 | 7.60E-10 | 7.53E-10 |
| 167562.364235513390 | 167562.36 | 3908264.39 | FENCEGRD | 3.95E-08 | 3.90E-08 | 3.85E-08 | 3.81E-08 | 2.65E-09 | 1.24E-08 | 8.46E-10 | 8.39E-10 | 8.31E-10 | 8.24E-10 |
| 167586.578875288390 | 167586.58 | 3908266.68 | FENCEGRD | 4.31E-08 | 4.26E-08 | 4.21E-08 | 4.17E-08 | 2.89E-09 | 1.37E-08 | 9.18E-10 | 9.11E-10 | 9.03E-10 | 8.96E-10 |
| 167610.793515062390 | 167610.79 | 3908268.97 | FENCEGRD | 4.66E-08 | 4.60E-08 | 4.55E-08 | 4.51E-08 | 3.15E-09 | 1.52E-08 | 9.97E-10 | 9.89E-10 | 9.80E-10 | 9.71E-10 |
| 167635.008154836390 | 167635.01 | 3908271.26 | FENCEGRD | 5.01E-08 | 4.94E-08 | 4.88E-08 | 4.84E-08 | 3.43E-09 | 1.68E-08 | 1.08E-09 | 1.07E-09 | 1.06E-09 | 1.05E-09 |
| 167659.222794611390 | 167659.22 | 3908273.55 | FENCEGRD | 5.36E-08 | 5.27E-08 | 5.20E-08 | 5.13E-08 | 3.70E-09 | 1.84E-08 | 1.17E-09 | 1.16E-09 | 1.15E-09 | 1.13E-09 |
| 167683.437434385390 | 167683.44 | 3908275.84 | FENCEGRD | 5.79E-08 | 5.67E-08 | 5.58E-08 | 5.50E-08 | 4.02E-09 | 2.03E-08 | 1.28E-09 | 1.27E-09 | 1.25E-09 | 1.24E-09 |
| 167707.652074159390 | 167707.65 | 3908278.13 | FENCEGRD | 6.29E-08 | 6.16E-08 | 6.03E-08 | 5.93E-08 | 4.37E-09 | 2.24E-08 | 1.41E-09 | 1.39E-09 | 1.37E-09 | 1.35E-09 |
| 167731.866713934390 | 167731.87 | 3908280.41 | FENCEGRD | 6.87E-08 | 6.71E-08 | 6.56E-08 | 6.44E-08 | 4.75E-09 | 2.49E-08 | 1.55E-09 | 1.53E-09 | 1.50E-09 | 1.49E-09 |
| 167756.081353708390 | 167756.08 | 3908282.70 | FENCEGRD | 7.51E-08 | 7.34E-08 | 7.16E-08 | 7.02E-08 | 5.17E-09 | 2.78E-08 | 1.70E-09 | 1.68E-09 | 1.66E-09 | 1.64E-09 |
| 167780.295993482390 | 167780.30 | 3908284.99 | FENCEGRD | 8.25E-08 | 8.06E-08 | 7.86E-08 | 7.71E-08 | 5.65E-09 | 3.12E-08 | 1.88E-09 | 1.86E-09 | 1.83E-09 | 1.81E-09 |
| 167804.510633257390 | 167804.51 | 3908287.28 | FENCEGRD | 9.03E-08 | 8.82E-08 | 8.61E-08 | 8.44E-08 | 6.15E-09 | 3.51E-08 | 2.07E-09 | 2.05E-09 | 2.02E-09 | 2.00E-09 |
| 167828.725273031390 | 167828.73 | 3908289.57 | FENCEGRD | 9.78E-08 | 9.56E-08 | 9.34E-08 | 9.16E-08 | 6.62E-09 | 3.92E-08 | 2.26E-09 | 2.24E-09 | 2.21E-09 | 2.18E-09 |
| 167852.939912805390 | 167852.94 | 3908291.86 | FENCEGRD | 1.05E-07 | 1.03E-07 | 1.01E-07 | 9.86E-08 | 7.08E-09 | 4.35E-08 | 2.45E-09 | 2.42E-09 | 2.39E-09 | 2.36E-09 |
| 167877.154552583908 | 167877.15 | 3908294.15 | FENCEGRD | 1.13E-07 | 1.10E-07 | 1.08E-07 | 1.06E-07 | 7.55E-09 | 4.80E-08 | 2.63E-09 | 2.61E-09 | 2.57E-09 | 2.55E-09 |
| 167901.369192354390 | 167901.37 | 3908296.44 | FENCEGRD | 1.20E-07 | 1.18E-07 | 1.15E-07 | 1.13E-07 | 8.01E-09 | 5.28E-08 | 2.83E-09 | 2.80E-09 | 2.76E-09 | 2.73E-09 |
| 167925.583832128390 | 167925.58 | 3908298.72 | FENCEGRD | 1.28E-07 | 1.25E-07 | 1.23E-07 | 1.21E-07 | 8.49E-09 | 5.78E-08 | 3.02E-09 | 2.99E-09 | 2.96E-09 | 2.93E-09 |
| 167949.798471903390 | 167949.80 | 3908301.01 | FENCEGRD | 1.38E-07 | 1.35E-07 | 1.33E-07 | 1.30E-07 | 8.98E-09 | 6.50E-08 | 3.33E-09 | 3.30E-09 | 3.27E-09 | 3.23E-09 |
| 167974.013111677390 | 167974.01 | 3908303.30 | FENCEGRD | 1.44E-07 | 1.40E-07 | 1.37E-07 | 1.33E-07 | 9.03E-09 | 7.12E-08 | 3.43E-09 | 3.38E-09 | 3.34E-09 | 3.29E-09 |
| 167998.227751451390 | 167998.23 | 3908305.59 | FENCEGRD | 1.46E-07 | 1.43E-07 | 1.40E-07 | 1.36E-07 | 9.17E-09 | 7.29E-08 | 3.49E-09 | 3.44E-09 | 3.40E-09 | 3.35E-09 |
| 168022.4427391225390 | 168022.44 | 3908307.88 | FENCEGRD | 1.49E-07 | 1.46E-07 | 1.43E-07 | 1.40E-07 | 9.36E-09 | 7.53E-08 | 3.57E-09 | 3.52E-09 | 3.48E-09 | 3.44E-09 |
| 168046.657031390831 | 168046.66 | 3908310.17 | FENCEGRD | 1.53E-07 | 1.51E-07 | 1.47E-07 | 1.44E-07 | 9.65E-09 | 7.86E-08 | 3.69E-09 | 3.64E-09 | 3.60E-09 | 3.56E-09 |
| 168070.871670774390 | 168070.87 | 3908312.46 | FENCEGRD | 1.58E-07 | 1.55E-07 | 1.51E-07 | 1 | | | | | | |

2<16 Dose

| | | | | 2<16 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168330.166706784390 | 168330.17 | 3908714.36 | FENCEGRD | 2.60E-07 | 2.66E-07 | 2.73E-07 | 2.78E-07 | 1.98E-08 | 9.14E-08 | 6.51E-09 | 6.57E-09 | 6.63E-09 | 6.69E-09 |
| 168334.265326647390 | 168334.27 | 3908738.34 | FENCEGRD | 2.46E-07 | 2.53E-07 | 2.60E-07 | 2.66E-07 | 1.94E-08 | 8.38E-08 | 6.23E-09 | 6.30E-09 | 6.36E-09 | 6.42E-09 |
| 168338.363946511390 | 168338.36 | 3908762.31 | FENCEGRD | 2.24E-07 | 2.31E-07 | 2.38E-07 | 2.45E-07 | 1.86E-08 | 7.60E-08 | 5.86E-09 | 5.92E-09 | 5.99E-09 | 6.05E-09 |
| 168342.462566374390 | 168342.46 | 3908786.29 | FENCEGRD | 2.03E-07 | 2.10E-07 | 2.18E-07 | 2.25E-07 | 1.79E-08 | 6.93E-08 | 5.52E-09 | 5.59E-09 | 5.66E-09 | 5.73E-09 |
| 168346.561186237390 | 168346.56 | 3908810.26 | FENCEGRD | 1.87E-07 | 1.94E-07 | 2.02E-07 | 2.09E-07 | 1.75E-08 | 6.37E-08 | 5.22E-09 | 5.29E-09 | 5.37E-09 | 5.44E-09 |
| 168350.659806101390 | 168350.66 | 3908834.24 | FENCEGRD | 1.72E-07 | 1.79E-07 | 1.87E-07 | 1.94E-07 | 1.70E-08 | 5.84E-08 | 4.89E-09 | 4.97E-09 | 5.04E-09 | 5.12E-09 |
| 168354.758425964390 | 168354.76 | 3908858.21 | FENCEGRD | 1.58E-07 | 1.64E-07 | 1.71E-07 | 1.78E-07 | 1.65E-08 | 5.35E-08 | 4.55E-09 | 4.62E-09 | 4.69E-09 | 4.77E-09 |
| 168358.857045828390 | 168358.86 | 3908882.19 | FENCEGRD | 1.44E-07 | 1.50E-07 | 1.57E-07 | 1.63E-07 | 1.59E-08 | 4.91E-08 | 4.19E-09 | 4.26E-09 | 4.33E-09 | 4.41E-09 |
| 168362.955665691390 | 168362.96 | 3908906.16 | FENCEGRD | 1.34E-07 | 1.39E-07 | 1.44E-07 | 1.50E-07 | 1.52E-08 | 4.51E-08 | 3.87E-09 | 3.93E-09 | 3.99E-09 | 4.06E-09 |
| 168367.054285555390 | 168367.05 | 3908930.14 | FENCEGRD | 1.23E-07 | 1.27E-07 | 1.32E-07 | 1.37E-07 | 1.43E-08 | 4.14E-08 | 3.54E-09 | 3.60E-09 | 3.65E-09 | 3.71E-09 |
| 168371.152905418390 | 168371.15 | 3908954.11 | FENCEGRD | 1.12E-07 | 1.15E-07 | 1.20E-07 | 1.24E-07 | 1.32E-08 | 3.78E-08 | 3.23E-09 | 3.28E-09 | 3.32E-09 | 3.37E-09 |
| 168375.251525281390 | 168375.25 | 3908978.08 | FENCEGRD | 1.00E-07 | 1.03E-07 | 1.07E-07 | 1.11E-07 | 1.21E-08 | 3.45E-08 | 2.95E-09 | 2.99E-09 | 3.03E-09 | 3.07E-09 |
| 168379.350145145390 | 168379.35 | 3909002.06 | FENCEGRD | 8.98E-08 | 9.28E-08 | 9.63E-08 | 9.95E-08 | 1.10E-08 | 3.16E-08 | 2.72E-09 | 2.75E-09 | 2.78E-09 | 2.82E-09 |
| 168383.448765008390 | 168383.45 | 3909026.03 | FENCEGRD | 7.97E-08 | 8.26E-08 | 8.60E-08 | 8.90E-08 | 1.01E-08 | 2.91E-08 | 2.51E-09 | 2.55E-09 | 2.58E-09 | 2.61E-09 |
| 168387.547384872390 | 168387.55 | 3909050.01 | FENCEGRD | 7.04E-08 | 7.30E-08 | 7.62E-08 | 7.90E-08 | 9.23E-09 | 2.69E-08 | 2.32E-09 | 2.35E-09 | 2.39E-09 | 2.42E-09 |
| 168391.646004735390 | 168391.65 | 3909073.98 | FENCEGRD | 6.28E-08 | 6.50E-08 | 6.78E-08 | 7.03E-08 | 8.54E-09 | 2.49E-08 | 2.14E-09 | 2.17E-09 | 2.20E-09 | 2.23E-09 |
| 168395.744624599390 | 168395.74 | 3909097.96 | FENCEGRD | 5.68E-08 | 5.87E-08 | 6.10E-08 | 6.32E-08 | 7.97E-09 | 2.32E-08 | 1.95E-09 | 1.98E-09 | 2.01E-09 | 2.04E-09 |
| 168399.843244462390 | 168399.84 | 3909121.93 | FENCEGRD | 5.17E-08 | 5.34E-08 | 5.54E-08 | 5.72E-08 | 7.45E-09 | 2.17E-08 | 1.78E-09 | 1.80E-09 | 1.83E-09 | 1.85E-09 |
| 168403.941864325390 | 168403.94 | 3909145.91 | FENCEGRD | 4.70E-08 | 4.84E-08 | 5.02E-08 | 5.18E-08 | 6.94E-09 | 2.02E-08 | 1.62E-09 | 1.64E-09 | 1.66E-09 | 1.68E-09 |
| 167417.076396867390 | 167417.08 | 3908250.66 | FENCEGRD | 1.98E-08 | 1.96E-08 | 1.93E-08 | 1.91E-08 | 1.67E-09 | 6.64E-09 | 4.82E-10 | 4.76E-10 | 4.70E-10 | 4.65E-10 |
| 167396.178396867390 | 167396.18 | 3908263.75 | FENCEGRD | 1.88E-08 | 1.86E-08 | 1.84E-08 | 1.83E-08 | 1.58E-09 | 6.20E-09 | 4.51E-10 | 4.46E-10 | 4.41E-10 | 4.36E-10 |
| 167375.280396867390 | 167375.28 | 3908276.83 | FENCEGRD | 1.81E-08 | 1.79E-08 | 1.77E-08 | 1.76E-08 | 1.49E-09 | 5.84E-09 | 4.26E-10 | 4.22E-10 | 4.17E-10 | 4.13E-10 |
| 167354.382396867390 | 167354.38 | 3908289.91 | FENCEGRD | 1.75E-08 | 1.73E-08 | 1.71E-08 | 1.69E-08 | 1.41E-09 | 5.55E-09 | 4.05E-10 | 4.01E-10 | 3.96E-10 | 3.92E-10 |
| 167333.484396867390 | 167333.48 | 3908303.00 | FENCEGRD | 1.66E-08 | 1.63E-08 | 1.61E-08 | 1.59E-08 | 1.33E-09 | 5.28E-09 | 3.83E-10 | 3.79E-10 | 3.74E-10 | 3.70E-10 |
| 167312.586396867390 | 167312.59 | 3908316.08 | FENCEGRD | 1.55E-08 | 1.53E-08 | 1.51E-08 | 1.49E-08 | 1.26E-09 | 5.05E-09 | 3.59E-10 | 3.55E-10 | 3.51E-10 | 3.47E-10 |
| 167640.127983382390 | 167640.13 | 3908885.50 | FENCEGRD | 2.57E-07 | 2.33E-07 | 2.08E-07 | 1.91E-07 | 1.05E-08 | 7.95E-08 | 3.40E-09 | 3.24E-09 | 3.08E-09 | 2.94E-09 |
| 167628.894347019390 | 167628.89 | 3908906.15 | FENCEGRD | 2.40E-07 | 2.16E-07 | 1.93E-07 | 1.76E-07 | 1.03E-08 | 9.40E-08 | 3.22E-09 | 3.06E-09 | 2.90E-09 | 2.77E-09 |
| 167617.660710655390 | 167617.66 | 3908926.80 | FENCEGRD | 2.16E-07 | 1.93E-07 | 1.71E-07 | 1.56E-07 | 1.01E-08 | 1.09E-07 | 3.02E-09 | 2.86E-09 | 2.72E-09 | 2.59E-09 |
| 167618.166975073390 | 167618.17 | 3908873.55 | FENCEGRD | 1.90E-07 | 1.74E-07 | 1.59E-07 | 1.47E-07 | 8.56E-09 | 5.59E-08 | 2.57E-09 | 2.46E-09 | 2.36E-09 | 2.27E-09 |
| 167606.933338713908 | 167606.93 | 3908894.20 | FENCEGRD | 1.75E-07 | 1.60E-07 | 1.45E-07 | 1.35E-07 | 8.30E-09 | 6.66E-08 | 2.41E-09 | 2.31E-09 | 2.21E-09 | 2.12E-09 |
| 167595.699702346390 | 167595.70 | 3908914.85 | FENCEGRD | 1.54E-07 | 1.41E-07 | 1.27E-07 | 1.18E-07 | 8.01E-09 | 7.90E-08 | 2.23E-09 | 2.14E-09 | 2.05E-09 | 1.96E-09 |
| 167584.466065983390 | 167584.47 | 3908935.50 | FENCEGRD | 1.29E-07 | 1.17E-07 | 1.06E-07 | 9.85E-08 | 7.67E-09 | 9.14E-08 | 2.04E-09 | 1.95E-09 | 1.86E-09 | 1.78E-09 |
| 167573.232429619390 | 167573.23 | 3908956.15 | FENCEGRD | 1.02E-07 | 9.31E-08 | 8.50E-08 | 7.99E-08 | 7.29E-09 | 1.03E-07 | 1.83E-09 | 1.74E-09 | 1.66E-09 | 1.59E-09 |
| 167607.798568173908 | 167607.80 | 3908849.28 | FENCEGRD | 1.60E-07 | 1.48E-07 | 1.37E-07 | 1.28E-07 | 7.41E-09 | 3.92E-08 | 2.19E-09 | 2.11E-09 | 2.03E-09 | 1.96E-09 |
| 167584.972330401390 | 167584.97 | 3908882.26 | FENCEGRD | 1.34E-07 | 1.24E-07 | 1.14E-07 | 1.06E-07 | 6.76E-09 | 4.99E-08 | 1.88E-09 | 1.81E-09 | 1.74E-09 | 1.68E-09 |
| 167573.738694037390 | 167573.74 | 3908902.91 | FENCEGRD | 1.17E-07 | 1.09E-07 | 9.99E-08 | 9.37E-08 | 6.49E-09 | 5.99E-08 | 1.73E-09 | 1.67E-09 | 1.60E-09 | 1.54E-09 |
| 167562.505057674390 | 167562.51 | 3908923.56 | FENCEGRD | 9.80E-08 | 9.15E-08 | 8.50E-08 | 8.06E-08 | 6.21E-09 | 7.09E-08 | 1.56E-09 | 1.50E-09 | 1.44E-09 | 1.38E-09 |
| 167551.271421313908 | 167551.27 | 3908944.21 | FENCEGRD | 7.97E-08 | 7.54E-08 | 7.11E-08 | 6.85E-08 | 5.90E-09 | 8.18E-08 | 1.38E-09 | 1.32E-09 | 1.27E-09 | 1.22E-09 |
| 167540.037784946390 | 167540.04 | 3908964.86 | FENCEGRD | 6.49E-08 | 6.27E-08 | 6.05E-08 | 5.93E-08 | 5.57E-09 | 9.22E-08 | 1.18E-09 | 1.14E-09 | 1.09E-09 | 1.05E-09 |
| 167528.804148583390 | 167528.80 | 3908985.51 | FENCEGRD | 5.56E-08 | 5.51E-08 | 5.48E-08 | 5.47E-08 | 5.20E-09 | 1.02E-07 | 9.98E-10 | 9.64E-10 | 9.30E-10 | 9.00E-10 |
| 167517.570512219390 | 167517.57 | 3909006.16 | FENCEGRD | 5.23E-08 | 5.30E-08 | 5.38E-08 | 5.45E-08 | 4.79E-09 | 1.11E-07 | 8.55E-10 | 8.35E-10 | 8.13E-10 | 7.94E-10 |
| 167506.336875855390 | 167506.34 | 3909026.81 | FENCEGRD | 5.30E-08 | 5.44E-08 | 5.56E-08 | 5.65E-08 | 4.33E-09 | 1.19E-07 | 7.84E-10 | 7.71E-10 | 7.57E-10 | 7.46E-10 |
| 167495.103239492390 | 167495.10 | 3909047.46 | FENCEGRD | 5.60E-08 | 5.76E-08 | 5.93E-08 | 6.04E-08 | 3.83E-09 | 1.26E-07 | 7.87E-10 | 7.76E-10 | 7.65E-10 | 7.56E-10 |
| 167565.325626728390 | 167565.33 | 3908823.85 | FENCEGRD | 1.05E-07 | 9.85E-08 | 9.18E-08 | 8.68E-08 | 5.28E-09 | 2.49E-08 | 1.48E-09 | 1.44E-09 | 1.39E-09 | 1.35E-09 |
| 167541.050313783390 | 167541.05 | 3908858.36 | FENCEGRD | 8.59E-08 | 8.11E-08 | 7.60E-08 | 7.24E-08 | 4.79E-09 | 3.14E-08 | 1.22E-09 | 1.18E-09 | 1.14E-09 | 1.11E-09 |
| 167529.816677423908 | 167529.82 | 3908879.01 | FENCEGRD | 7.73E-08 | 7.34E-08 | 6.93E-08 | 6.63E-08 | 4.59E-09 | 3.78E-08 | 1.10E-09 | 1.06E-09 | 1.03E-09 | 9.94E-10 |
| 167518.583041056390 | 167518.58 | 3908899.66 | FENCEGRD | 6.89E-08 | 6.61E-08 | 6.31E-08 | 6.09E-08 | 4.36E-09 | 4.55E-08 | 9.69E-10 | 9.39E-10 | 9.08E-10 | 8.81E-10 |
| 167507.349404692390 | 167507.35 | 3908920.32 | FENCEGRD | 6.17E-08 | 6.00E-08 | 5.81E-08 | 5.68E-08 | 4.10E-09 | 5.40E-08 | 8.46E-10 | 8.22E-10 | 7.97E-10 | 7.75E-10 |
| 167496.115768329390 | 167496.12 | 3908940.97 | FENCEGRD | 5.68E-08 | 5.63E-08 | 5.57E-08 | 5.51E-08 | 3.80E-09 | 6.31E-08 | 7.38E-10 | 7.20E-10 | 7.02E-10 | 6.87E-10 |
| 167484.882131965390 | 167484.88 | 3908961.62 | FENCEGRD | 5.54E-08 | 5.57E-08 | 5.60E-08 | 5.61E-08 | 3.48E-09 | 7.23E-08 | 6.60E-10 | 6.49E-10 | 6.38E-10 | 6.28E-10 |
| 167473.648495601390 | 167473.65 | 3908982.27 | FENCEGRD | 5.68E-08 | 5.74E-08 | 5.81E-08 | 5.85E-08 | 3.14E-09 | 8.16E-08 | 6.24E-10 | 6.18E-10 | 6.11E-10 | 6.05E-10 |
| 167462.414859238390 | 167462.41 | 3909002.92 | FENCEGRD | 5.95E-08 | 6.01E-08 | 6.09E-08 | 6.14E-08 | 2.80E-09 | 9.07E-08 | 6.33E-10 | 6.28E-10 | 6.23E-10 | 6.19E-10 |
| 167451.181222874390 | 167451.18 | 3909023.57 | FENCEGRD | 6.39E-08 | 6.46E-08 | 6.55E-08 | 6.61E-08 | 2.48E-09 | 9.93E-08 | 6.82E-10 | 6.76E-10 | 6.71E-10 | 6.67E-10 |
| 167439.947586511390 | 167439.95 | 3909044.22 | FENCEGRD | 7.37E-08 | 7.44E-08 | 7.54E-08 | 7.58E-08 | 2.20E-09 | 1.07E-07 | 7.89E-10 | 7.79E-10 | 7.71E-10 | 7.64E-10 |
| 167522.273055216390 | 167522.27 | 3908799.03 | FENCEGRD | 7.36E-08 | 7.00E-08 | 6.63E-08 | 6.34E-08 | 4.02E-09 | 1.80E-08 | 1.04E-09 | 1.01E-09 | 9.82E-10 | 9.55E-10 |
| 167550.095298589390 | 167550.10 | 3908769.45 | FENCEGRD | 8.82E-08 | 8.35E-08 | 7.85E-08 | 7.47E-08 | 4.49E-09 | 1.73E-08 | 1.28E-09 | 1.24E-09 | 1.20E-09 | 1.17E-09 |
| 167497.128297166390 | 167497.13 | 3908834.47 | FENCEGRD | 6.23E-08 | 5.98E-08 | 5.70E-08 | 5.50E-08 | 3.59E-09 | 2.21E-08 | 8.33E-10 | 8.12E-10 | 7.90E-10 | 7.70E-10 |
| 167485.894660802390 | 167485.89 | 3908855.12 | FENCEGRD | 5.80E-08 | 5.59E-08 | 5.36E-08 | 5.19E-08 | 3.38E-09 | 2.63E-08 | 7.46E-10 | 7.28E-10 | 7.08E-10 | 6.91E-10 |
| 167474.661024438390 | 167474.66 | 3908875.77 | FENCEGRD | 5.46E-08 | 5.30E-08 | 5.13E-08 | 5.00E-08 | 3.16E-09 | 3.18E-08 | 6.65E-10 | 6.51E-10 | 6.35E-10 | 6.22E-10 |
| 167463.427388075390 | 167463.43 | 3908896.42 | FENCEGRD | 5.29E-08 | 5.18E-08 | 5.07E-08 | 4.98E-08 | 2.92E-09 | 3.82E-08 | 5.97E-10 | 5.87E-10 | 5.76E-10 | 5.66E-10 |
| 167452.193751711390 | 167452.19 | 3908917.07 | FENCEGRD | 5.34E-08 | 5.27E-08 | 5.20E-08 | 5.14E-08 | 2.68E-09 | 4.52E-08 | 5.50E-10 | 5.44E-10 | 5.37E-10 | 5.31E-10 |
| 167440.960115347390 | 167440.96 | 3908937.73 | FENCEGRD | 5.57E-08 | 5.52E-08 | 5.47E-08 | 5. | | | | | | |

2<16 Dose

| | | | | 2<16 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167398.050627566390 | 167398.05 | 3908807.34 | FENCEGRD | 4.10E-08 | 4.02E-08 | 3.93E-08 | 3.87E-08 | 1.94E-09 | 1.62E-08 | 4.45E-10 | 4.40E-10 | 4.35E-10 | 4.30E-10 |
| 167386.816991203390 | 167386.82 | 3908827.99 | FENCEGRD | 4.18E-08 | 4.11E-08 | 4.05E-08 | 3.99E-08 | 1.81E-09 | 1.89E-08 | 4.27E-10 | 4.24E-10 | 4.20E-10 | 4.17E-10 |
| 167375.583354839390 | 167375.58 | 3908848.64 | FENCEGRD | 4.35E-08 | 4.29E-08 | 4.22E-08 | 4.17E-08 | 1.68E-09 | 2.23E-08 | 4.24E-10 | 4.22E-10 | 4.19E-10 | 4.18E-10 |
| 167364.349718476390 | 167364.35 | 3908869.29 | FENCEGRD | 4.58E-08 | 4.52E-08 | 4.45E-08 | 4.39E-08 | 1.55E-09 | 2.64E-08 | 4.36E-10 | 4.35E-10 | 4.33E-10 | 4.32E-10 |
| 167353.116082112390 | 167353.12 | 3908889.94 | FENCEGRD | 4.82E-08 | 4.75E-08 | 4.68E-08 | 4.61E-08 | 1.45E-09 | 3.11E-08 | 4.61E-10 | 4.60E-10 | 4.58E-10 | 4.57E-10 |
| 167341.882445748390 | 167341.88 | 3908910.59 | FENCEGRD | 5.03E-08 | 4.95E-08 | 4.86E-08 | 4.79E-08 | 1.36E-09 | 3.62E-08 | 4.93E-10 | 4.91E-10 | 4.89E-10 | 4.87E-10 |
| 167330.648809385390 | 167330.65 | 3908931.24 | FENCEGRD | 5.25E-08 | 5.16E-08 | 5.07E-08 | 4.99E-08 | 1.31E-09 | 4.16E-08 | 5.27E-10 | 5.24E-10 | 5.22E-10 | 5.20E-10 |
| 167319.415173021390 | 167319.42 | 3908951.89 | FENCEGRD | 5.61E-08 | 5.51E-08 | 5.41E-08 | 5.32E-08 | 1.30E-09 | 4.73E-08 | 5.67E-10 | 5.63E-10 | 5.60E-10 | 5.57E-10 |
| 167308.181536657390 | 167308.18 | 3908972.54 | FENCEGRD | 6.19E-08 | 6.07E-08 | 5.95E-08 | 5.84E-08 | 1.33E-09 | 5.31E-08 | 6.20E-10 | 6.15E-10 | 6.11E-10 | 6.07E-10 |
| 167296.947900294390 | 167296.95 | 3908993.19 | FENCEGRD | 7.01E-08 | 6.85E-08 | 6.70E-08 | 6.56E-08 | 1.39E-09 | 5.92E-08 | 7.00E-10 | 6.93E-10 | 6.87E-10 | 6.81E-10 |
| 167348.130668932390 | 167348.13 | 3908701.82 | FENCEGRD | 3.30E-08 | 3.23E-08 | 3.15E-08 | 3.09E-08 | 1.58E-09 | 9.40E-09 | 3.88E-10 | 3.84E-10 | 3.79E-10 | 3.75E-10 |
| 167379.044272683908 | 167379.04 | 3908668.95 | FENCEGRD | 3.54E-08 | 3.44E-08 | 3.34E-08 | 3.25E-08 | 1.83E-09 | 8.64E-09 | 4.57E-10 | 4.50E-10 | 4.42E-10 | 4.35E-10 |
| 167394.501074554390 | 167394.50 | 3908652.52 | FENCEGRD | 3.71E-08 | 3.60E-08 | 3.48E-08 | 3.38E-08 | 1.97E-09 | 8.49E-09 | 4.98E-10 | 4.90E-10 | 4.81E-10 | 4.73E-10 |
| 167409.957876428390 | 167409.96 | 3908636.09 | FENCEGRD | 3.92E-08 | 3.80E-08 | 3.66E-08 | 3.56E-08 | 2.12E-09 | 8.53E-09 | 5.46E-10 | 5.36E-10 | 5.26E-10 | 5.17E-10 |
| 167440.871480176390 | 167440.87 | 3908603.22 | FENCEGRD | 4.45E-08 | 4.30E-08 | 4.13E-08 | 3.99E-08 | 2.47E-09 | 9.18E-09 | 6.58E-10 | 6.45E-10 | 6.33E-10 | 6.21E-10 |
| 167456.328282053908 | 167456.33 | 3908586.79 | FENCEGRD | 4.75E-08 | 4.58E-08 | 4.39E-08 | 4.24E-08 | 2.65E-09 | 9.73E-09 | 7.23E-10 | 7.09E-10 | 6.94E-10 | 6.80E-10 |
| 167332.673867058390 | 167332.67 | 3908718.25 | FENCEGRD | 3.26E-08 | 3.20E-08 | 3.14E-08 | 3.09E-08 | 1.46E-09 | 1.00E-08 | 3.66E-10 | 3.63E-10 | 3.59E-10 | 3.57E-10 |
| 167321.440230695390 | 167321.44 | 3908738.90 | FENCEGRD | 3.31E-08 | 3.26E-08 | 3.20E-08 | 3.16E-08 | 1.37E-09 | 1.10E-08 | 3.57E-10 | 3.55E-10 | 3.52E-10 | 3.50E-10 |
| 167310.206594331390 | 167310.21 | 3908759.55 | FENCEGRD | 3.41E-08 | 3.36E-08 | 3.30E-08 | 3.26E-08 | 1.28E-09 | 1.22E-08 | 3.57E-10 | 3.55E-10 | 3.54E-10 | 3.53E-10 |
| 167298.972957967390 | 167298.97 | 3908780.20 | FENCEGRD | 3.54E-08 | 3.49E-08 | 3.43E-08 | 3.39E-08 | 1.20E-09 | 1.37E-08 | 3.66E-10 | 3.65E-10 | 3.64E-10 | 3.63E-10 |
| 167287.739321604390 | 167287.74 | 3908800.85 | FENCEGRD | 3.69E-08 | 3.64E-08 | 3.58E-08 | 3.53E-08 | 1.14E-09 | 1.56E-08 | 3.83E-10 | 3.81E-10 | 3.80E-10 | 3.80E-10 |
| 167276.505685243908 | 167276.51 | 3908821.50 | FENCEGRD | 3.85E-08 | 3.79E-08 | 3.73E-08 | 3.68E-08 | 1.10E-09 | 1.78E-08 | 4.05E-10 | 4.03E-10 | 4.02E-10 | 4.01E-10 |
| 167265.272048877390 | 167265.27 | 3908842.15 | FENCEGRD | 3.99E-08 | 3.92E-08 | 3.86E-08 | 3.80E-08 | 1.08E-09 | 2.04E-08 | 4.29E-10 | 4.28E-10 | 4.26E-10 | 4.25E-10 |
| 167254.038412513390 | 167254.04 | 3908862.81 | FENCEGRD | 4.11E-08 | 4.04E-08 | 3.97E-08 | 3.91E-08 | 1.08E-09 | 2.35E-08 | 4.54E-10 | 4.52E-10 | 4.50E-10 | 4.48E-10 |
| 167242.804776149390 | 167242.80 | 3908883.46 | FENCEGRD | 4.27E-08 | 4.20E-08 | 4.12E-08 | 4.05E-08 | 1.11E-09 | 2.70E-08 | 4.78E-10 | 4.75E-10 | 4.73E-10 | 4.70E-10 |
| 167231.571139786390 | 167231.57 | 3908904.11 | FENCEGRD | 4.51E-08 | 4.43E-08 | 4.35E-08 | 4.28E-08 | 1.15E-09 | 3.08E-08 | 5.04E-10 | 5.01E-10 | 4.98E-10 | 4.95E-10 |
| 167220.337503422390 | 167220.34 | 3908924.76 | FENCEGRD | 4.89E-08 | 4.79E-08 | 4.70E-08 | 4.61E-08 | 1.22E-09 | 3.49E-08 | 5.39E-10 | 5.35E-10 | 5.32E-10 | 5.29E-10 |
| 167209.103867058390 | 167209.10 | 3908945.41 | FENCEGRD | 5.37E-08 | 5.26E-08 | 5.15E-08 | 5.05E-08 | 1.29E-09 | 3.91E-08 | 5.91E-10 | 5.86E-10 | 5.82E-10 | 5.78E-10 |
| 167260.637926649390 | 167260.64 | 3908653.66 | FENCEGRD | 2.83E-08 | 2.78E-08 | 2.73E-08 | 2.69E-08 | 1.15E-09 | 8.28E-09 | 3.22E-10 | 3.20E-10 | 3.18E-10 | 3.16E-10 |
| 167276.446019474390 | 167276.45 | 3908636.85 | FENCEGRD | 2.85E-08 | 2.79E-08 | 2.73E-08 | 2.68E-08 | 1.24E-09 | 7.96E-09 | 3.33E-10 | 3.30E-10 | 3.27E-10 | 3.24E-10 |
| 167292.254112339086 | 167292.25 | 3908620.05 | FENCEGRD | 2.91E-08 | 2.85E-08 | 2.77E-08 | 2.72E-08 | 1.35E-09 | 7.76E-09 | 3.52E-10 | 3.48E-10 | 3.44E-10 | 3.41E-10 |
| 167308.062205126390 | 167308.06 | 3908603.24 | FENCEGRD | 3.01E-08 | 2.94E-08 | 2.85E-08 | 2.78E-08 | 1.46E-09 | 7.66E-09 | 3.79E-10 | 3.74E-10 | 3.69E-10 | 3.64E-10 |
| 167323.870297951390 | 167323.87 | 3908586.43 | FENCEGRD | 3.15E-08 | 3.06E-08 | 2.96E-08 | 2.89E-08 | 1.57E-09 | 7.65E-09 | 4.11E-10 | 4.05E-10 | 3.99E-10 | 3.93E-10 |
| 167339.678390777390 | 167339.68 | 3908569.63 | FENCEGRD | 3.30E-08 | 3.20E-08 | 3.09E-08 | 3.01E-08 | 1.69E-09 | 7.73E-09 | 4.47E-10 | 4.40E-10 | 4.33E-10 | 4.26E-10 |
| 167355.486483603390 | 167355.49 | 3908552.82 | FENCEGRD | 3.45E-08 | 3.35E-08 | 3.23E-08 | 3.14E-08 | 1.80E-09 | 7.87E-09 | 4.86E-10 | 4.78E-10 | 4.69E-10 | 4.61E-10 |
| 167371.294576428390 | 167371.29 | 3908536.02 | FENCEGRD | 3.64E-08 | 3.52E-08 | 3.40E-08 | 3.29E-08 | 1.94E-09 | 8.13E-09 | 5.30E-10 | 5.21E-10 | 5.11E-10 | 5.02E-10 |
| 167387.102669254390 | 167387.10 | 3908519.21 | FENCEGRD | 3.84E-08 | 3.71E-08 | 3.58E-08 | 3.47E-08 | 2.08E-09 | 8.48E-09 | 5.77E-10 | 5.67E-10 | 5.56E-10 | 5.46E-10 |
| 167402.910762083908 | 167402.91 | 3908502.40 | FENCEGRD | 4.04E-08 | 3.91E-08 | 3.77E-08 | 3.65E-08 | 2.23E-09 | 8.91E-09 | 6.26E-10 | 6.15E-10 | 6.03E-10 | 5.92E-10 |
| 167244.829833823390 | 167244.83 | 3908670.46 | FENCEGRD | 2.85E-08 | 2.80E-08 | 2.75E-08 | 2.71E-08 | 1.06E-09 | 8.72E-09 | 3.19E-10 | 3.17E-10 | 3.16E-10 | 3.14E-10 |
| 167233.596197459390 | 167233.60 | 3908691.11 | FENCEGRD | 2.90E-08 | 2.86E-08 | 2.81E-08 | 2.77E-08 | 1.01E-09 | 9.37E-09 | 3.24E-10 | 3.23E-10 | 3.22E-10 | 3.20E-10 |
| 167222.362561096390 | 167222.36 | 3908711.77 | FENCEGRD | 2.98E-08 | 2.94E-08 | 2.89E-08 | 2.85E-08 | 9.64E-10 | 1.02E-08 | 3.34E-10 | 3.33E-10 | 3.32E-10 | 3.31E-10 |
| 167211.128924732390 | 167211.13 | 3908732.42 | FENCEGRD | 3.07E-08 | 3.03E-08 | 2.98E-08 | 2.94E-08 | 9.36E-10 | 1.11E-08 | 3.48E-10 | 3.46E-10 | 3.45E-10 | 3.44E-10 |
| 167199.895288368390 | 167199.90 | 3908753.07 | FENCEGRD | 3.17E-08 | 3.12E-08 | 3.07E-08 | 3.03E-08 | 9.25E-10 | 1.23E-08 | 3.64E-10 | 3.63E-10 | 3.61E-10 | 3.60E-10 |
| 167188.661652005390 | 167188.66 | 3908773.72 | FENCEGRD | 3.25E-08 | 3.20E-08 | 3.15E-08 | 3.10E-08 | 9.29E-10 | 1.36E-08 | 3.82E-10 | 3.80E-10 | 3.77E-10 | 3.76E-10 |
| 167177.428015641390 | 167177.43 | 3908794.37 | FENCEGRD | 3.32E-08 | 3.26E-08 | 3.21E-08 | 3.16E-08 | 9.49E-10 | 1.51E-08 | 3.99E-10 | 3.97E-10 | 3.95E-10 | 3.93E-10 |
| 167166.194379277390 | 167166.19 | 3908815.02 | FENCEGRD | 3.38E-08 | 3.33E-08 | 3.27E-08 | 3.22E-08 | 9.82E-10 | 1.68E-08 | 4.14E-10 | 4.12E-10 | 4.10E-10 | 4.08E-10 |
| 167154.960742914390 | 167154.96 | 3908835.67 | FENCEGRD | 3.48E-08 | 3.42E-08 | 3.36E-08 | 3.31E-08 | 1.03E-09 | 1.89E-08 | 4.29E-10 | 4.26E-10 | 4.24E-10 | 4.22E-10 |
| 167143.727106553908 | 167143.73 | 3908856.32 | FENCEGRD | 3.65E-08 | 3.58E-08 | 3.52E-08 | 3.47E-08 | 1.08E-09 | 2.12E-08 | 4.46E-10 | 4.43E-10 | 4.41E-10 | 4.39E-10 |
| 167132.493470187390 | 167132.49 | 3908876.97 | FENCEGRD | 3.90E-08 | 3.83E-08 | 3.76E-08 | 3.70E-08 | 1.13E-09 | 2.38E-08 | 4.71E-10 | 4.68E-10 | 4.65E-10 | 4.63E-10 |
| 167121.259833823390 | 167121.26 | 3908897.62 | FENCEGRD | 4.23E-08 | 4.15E-08 | 4.07E-08 | 3.99E-08 | 1.19E-09 | 2.68E-08 | 5.10E-10 | 5.06E-10 | 5.02E-10 | 4.99E-10 |
| 167173.037094841390 | 167173.04 | 3908605.61 | FENCEGRD | 2.62E-08 | 2.58E-08 | 2.53E-08 | 2.48E-08 | 9.28E-10 | 7.81E-09 | 3.10E-10 | 3.08E-10 | 3.07E-10 | 3.05E-10 |
| 167189.088389095390 | 167189.09 | 3908588.55 | FENCEGRD | 2.64E-08 | 2.60E-08 | 2.54E-08 | 2.50E-08 | 9.99E-10 | 7.67E-09 | 3.13E-10 | 3.11E-10 | 3.09E-10 | 3.07E-10 |
| 167205.139683349390 | 167205.14 | 3908571.49 | FENCEGRD | 2.67E-08 | 2.62E-08 | 2.56E-08 | 2.52E-08 | 1.08E-09 | 7.59E-09 | 3.22E-10 | 3.19E-10 | 3.16E-10 | 3.14E-10 |
| 167221.190977602390 | 167221.19 | 3908554.42 | FENCEGRD | 2.72E-08 | 2.66E-08 | 2.60E-08 | 2.55E-08 | 1.19E-09 | 7.61E-09 | 3.38E-10 | 3.35E-10 | 3.31E-10 | 3.28E-10 |
| 167237.242271856390 | 167237.24 | 3908537.36 | FENCEGRD | 2.60E-08 | 2.62E-08 | 2.67E-08 | 2.63E-08 | 1.32E-09 | 7.21E-09 | 3.57E-10 | 3.56E-10 | 3.55E-10 | 3.52E-10 |
| 167253.293566113908 | 167253.29 | 3908520.29 | FENCEGRD | 2.44E-08 | 2.44E-08 | 2.45E-08 | 2.47E-08 | 1.41E-09 | 6.78E-09 | 3.56E-10 | 3.55E-10 | 3.53E-10 | 3.51E-10 |
| 167269.344860364390 | 167269.34 | 3908503.23 | FENCEGRD | 2.37E-08 | 2.36E-08 | 2.35E-08 | 2.36E-08 | 1.44E-09 | 6.51E-09 | 3.62E-10 | 3.61E-10 | 3.58E-10 | 3.55E-10 |
| 167285.396154618390 | 167285.40 | 3908486.16 | FENCEGRD | 2.37E-08 | 2.36E-08 | 2.34E-08 | 2.34E-08 | 1.48E-09 | 6.40E-09 | 3.77E-10 | 3.74E-10 | 3.71E-10 | 3.68E-10 |
| 167301.447448871390 | 167301.45 | 3908469.10 | FENCEGRD | 2.39E-08 | 2.38E-08 | 2.37E-08 | 2.36E-08 | 1.54E-09 | 6.37E-09 | 3.96E-10 | 3.93E-10 | 3.89E-10 | 3.86E-10 |
| 167317.498743125390 | 167317.50 | 3908452.03 | FENCEGRD | 2.44E-08 | 2.42E-08 | 2.41E-08 | 2.40E-08 | 1.60E-09 | 6.40E-09 | 4.20E-10 | 4.17E-10 | 4.12E-10 | 4.08E-10 |
| 167333.550037379390 | 167333.55 | 3908434.97 | FENCEGRD | 2.52E-08 | 2.50E-08 | 2.48E-08 | 2.47E-08 | 1.67E-09 | 6.49E-09 | 4.47E-10 | 4.43E-10 | 4.38E-10 | 4.34E-10 |
| 167349.601331633390 | 167349.60 | 3908417.90 | FENCEGRD | 2.61E-08 | 2.58E-08 | 2.55E-08 | 2. | | | | | | |

2<16 Dose

| | | | | 2<16 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167024.207221897390 | 167024.21 | 3908657.50 | FENCEGRD | 2.36E-08 | 2.33E-08 | 2.29E-08 | 2.25E-08 | 7.91E-10 | 8.68E-09 | 3.22E-10 | 3.20E-10 | 3.19E-10 | 3.18E-10 |
| 167012.973585534390 | 167012.97 | 3908678.15 | FENCEGRD | 2.38E-08 | 2.35E-08 | 2.31E-08 | 2.27E-08 | 8.19E-10 | 9.33E-09 | 3.32E-10 | 3.30E-10 | 3.28E-10 | 3.27E-10 |
| 167001.739949173908 | 167001.74 | 3908698.80 | FENCEGRD | 2.39E-08 | 2.35E-08 | 2.32E-08 | 2.28E-08 | 8.46E-10 | 9.99E-09 | 3.37E-10 | 3.35E-10 | 3.34E-10 | 3.32E-10 |
| 166990.506312807390 | 166990.51 | 3908719.45 | FENCEGRD | 2.41E-08 | 2.38E-08 | 2.34E-08 | 2.31E-08 | 8.77E-10 | 1.07E-08 | 3.42E-10 | 3.40E-10 | 3.38E-10 | 3.37E-10 |
| 166979.272676443390 | 166979.27 | 3908740.10 | FENCEGRD | 2.46E-08 | 2.42E-08 | 2.39E-08 | 2.35E-08 | 9.09E-10 | 1.16E-08 | 3.47E-10 | 3.45E-10 | 3.43E-10 | 3.42E-10 |
| 166968.039040079390 | 166968.04 | 3908760.75 | FENCEGRD | 2.54E-08 | 2.50E-08 | 2.46E-08 | 2.43E-08 | 9.40E-10 | 1.25E-08 | 3.55E-10 | 3.53E-10 | 3.51E-10 | 3.50E-10 |
| 166956.805403716390 | 166956.81 | 3908781.40 | FENCEGRD | 2.65E-08 | 2.61E-08 | 2.57E-08 | 2.53E-08 | 9.69E-10 | 1.36E-08 | 3.69E-10 | 3.67E-10 | 3.65E-10 | 3.63E-10 |
| 166945.571767352390 | 166945.57 | 3908802.05 | FENCEGRD | 2.80E-08 | 2.75E-08 | 2.71E-08 | 2.67E-08 | 9.95E-10 | 1.48E-08 | 3.90E-10 | 3.88E-10 | 3.86E-10 | 3.84E-10 |
| 167371.888474415390 | 167371.89 | 3909070.62 | FENCEGRD | 1.22E-07 | 1.18E-07 | 1.15E-07 | 1.12E-07 | 1.69E-09 | 1.04E-07 | 1.19E-09 | 1.16E-09 | 1.14E-09 | 1.12E-09 |
| 167324.488572333390 | 167324.49 | 3909054.72 | FENCEGRD | 1.09E-07 | 1.05E-07 | 1.02E-07 | 9.89E-08 | 1.62E-09 | 8.68E-08 | 1.09E-09 | 1.07E-09 | 1.05E-09 | 1.04E-09 |
| 167277.083364552390 | 167277.08 | 3909038.83 | FENCEGRD | 9.56E-08 | 9.27E-08 | 8.99E-08 | 8.74E-08 | 1.59E-09 | 7.30E-08 | 1.02E-09 | 9.98E-10 | 9.84E-10 | 9.71E-10 |
| 167287.015632423390 | 167287.02 | 3909016.01 | FENCEGRD | 8.14E-08 | 7.93E-08 | 7.72E-08 | 7.54E-08 | 1.48E-09 | 6.62E-08 | 8.31E-10 | 8.19E-10 | 8.09E-10 | 8.01E-10 |
| 167182.264672139090 | 167182.26 | 3909007.07 | FENCEGRD | 7.41E-08 | 7.22E-08 | 7.02E-08 | 6.85E-08 | 1.50E-09 | 5.27E-08 | 8.91E-10 | 8.79E-10 | 8.69E-10 | 8.59E-10 |
| 167192.329370213908 | 167192.33 | 3908983.95 | FENCEGRD | 6.53E-08 | 6.38E-08 | 6.22E-08 | 6.08E-08 | 1.42E-09 | 4.74E-08 | 7.50E-10 | 7.41E-10 | 7.34E-10 | 7.27E-10 |
| 167087.440283725390 | 167087.44 | 3908975.32 | FENCEGRD | 5.92E-08 | 5.78E-08 | 5.64E-08 | 5.51E-08 | 1.40E-09 | 3.99E-08 | 7.95E-10 | 7.86E-10 | 7.78E-10 | 7.70E-10 |
| 167096.458830418390 | 167096.46 | 3908954.60 | FENCEGRD | 5.38E-08 | 5.26E-08 | 5.14E-08 | 5.03E-08 | 1.33E-09 | 3.61E-08 | 6.95E-10 | 6.87E-10 | 6.81E-10 | 6.75E-10 |
| 167106.604695447390 | 167106.60 | 3908931.29 | FENCEGRD | 4.85E-08 | 4.75E-08 | 4.65E-08 | 4.56E-08 | 1.27E-09 | 3.20E-08 | 6.02E-10 | 5.96E-10 | 5.92E-10 | 5.87E-10 |
| 166992.612970415390 | 166992.61 | 3908943.58 | FENCEGRD | 4.81E-08 | 4.71E-08 | 4.60E-08 | 4.51E-08 | 1.29E-09 | 3.07E-08 | 7.10E-10 | 7.02E-10 | 6.96E-10 | 6.90E-10 |
| 167001.680266009390 | 167001.68 | 3908922.75 | FENCEGRD | 4.44E-08 | 4.35E-08 | 4.26E-08 | 4.18E-08 | 1.23E-09 | 2.79E-08 | 6.33E-10 | 6.26E-10 | 6.21E-10 | 6.16E-10 |
| 167010.747561603390 | 167010.75 | 3908901.92 | FENCEGRD | 4.10E-08 | 4.02E-08 | 3.94E-08 | 3.87E-08 | 1.18E-09 | 2.51E-08 | 5.64E-10 | 5.59E-10 | 5.55E-10 | 5.51E-10 |
| 167019.814857197390 | 167019.81 | 3908881.09 | FENCEGRD | 3.78E-08 | 3.71E-08 | 3.64E-08 | 3.58E-08 | 1.14E-09 | 2.25E-08 | 5.06E-10 | 5.02E-10 | 4.98E-10 | 4.95E-10 |
| 166897.783956562390 | 166897.78 | 3908911.84 | FENCEGRD | 3.98E-08 | 3.90E-08 | 3.82E-08 | 3.75E-08 | 1.19E-09 | 2.41E-08 | 6.35E-10 | 6.29E-10 | 6.24E-10 | 6.19E-10 |
| 166906.886396713390 | 166906.89 | 3908890.93 | FENCEGRD | 3.70E-08 | 3.63E-08 | 3.56E-08 | 3.50E-08 | 1.13E-09 | 2.19E-08 | 5.73E-10 | 5.67E-10 | 5.63E-10 | 5.59E-10 |
| 166915.988836863390 | 166915.99 | 3908870.02 | FENCEGRD | 3.44E-08 | 3.38E-08 | 3.32E-08 | 3.26E-08 | 1.08E-09 | 1.99E-08 | 5.17E-10 | 5.12E-10 | 5.08E-10 | 5.05E-10 |
| 166925.091277014390 | 166925.09 | 3908849.11 | FENCEGRD | 3.22E-08 | 3.16E-08 | 3.11E-08 | 3.06E-08 | 1.05E-09 | 1.81E-08 | 4.69E-10 | 4.65E-10 | 4.62E-10 | 4.59E-10 |
| 166934.193717164390 | 166934.19 | 3908828.19 | FENCEGRD | 3.02E-08 | 2.97E-08 | 2.92E-08 | 2.87E-08 | 1.03E-09 | 1.65E-08 | 4.29E-10 | 4.26E-10 | 4.23E-10 | 4.21E-10 |
| 167363.014395385390 | 167363.01 | 3909118.12 | FENCEGRD | 2.19E-07 | 2.09E-07 | 1.99E-07 | 1.89E-07 | 1.98E-09 | 1.23E-07 | 2.26E-09 | 2.17E-09 | 2.09E-09 | 2.03E-09 |
| 167359.573909162.59 | 167359.57 | 3909162.59 | FENCEGRD | 3.53E-07 | 3.37E-07 | 3.20E-07 | 3.05E-07 | 2.71E-09 | 1.39E-07 | 4.31E-09 | 4.12E-09 | 3.95E-09 | 3.81E-09 |
| 167359.573909185.91 | 167359.57 | 3909185.91 | FENCEGRD | 4.23E-07 | 4.05E-07 | 3.86E-07 | 3.70E-07 | 3.47E-09 | 1.47E-07 | 5.84E-09 | 5.60E-09 | 5.39E-09 | 5.20E-09 |
| 167359.573909209.23 | 167359.57 | 3909209.24 | FENCEGRD | 4.89E-07 | 4.70E-07 | 4.49E-07 | 4.31E-07 | 4.72E-09 | 1.53E-07 | 7.58E-09 | 7.31E-09 | 7.07E-09 | 6.84E-09 |
| 167359.573909232.55 | 167359.57 | 3909232.56 | FENCEGRD | 5.44E-07 | 5.26E-07 | 5.06E-07 | 4.88E-07 | 6.81E-09 | 1.58E-07 | 9.37E-09 | 9.08E-09 | 8.82E-09 | 8.57E-09 |
| 167359.573909255.87 | 167359.57 | 3909255.88 | FENCEGRD | 5.82E-07 | 5.68E-07 | 5.50E-07 | 5.34E-07 | 1.01E-08 | 1.59E-07 | 1.10E-08 | 1.07E-08 | 1.05E-08 | 1.02E-08 |
| 167312.799120674390 | 167312.80 | 3909119.44 | FENCEGRD | 2.13E-07 | 2.02E-07 | 1.92E-07 | 1.83E-07 | 2.14E-09 | 1.12E-07 | 2.32E-09 | 2.24E-09 | 2.17E-09 | 2.11E-09 |
| 167319.257362021390 | 167319.26 | 3909079.78 | FENCEGRD | 1.39E-07 | 1.33E-07 | 1.28E-07 | 1.23E-07 | 1.76E-09 | 9.66E-08 | 1.43E-09 | 1.40E-09 | 1.37E-09 | 1.34E-09 |
| 167309.573909162.59 | 167309.57 | 3909162.59 | FENCEGRD | 3.16E-07 | 3.02E-07 | 2.87E-07 | 2.74E-07 | 2.99E-09 | 1.28E-07 | 3.96E-09 | 3.81E-09 | 3.68E-09 | 3.56E-09 |
| 167309.573909185.91 | 167309.57 | 3909185.91 | FENCEGRD | 3.73E-07 | 3.57E-07 | 3.40E-07 | 3.26E-07 | 3.78E-09 | 1.37E-07 | 5.16E-09 | 4.98E-09 | 4.82E-09 | 4.67E-09 |
| 167309.573909209.23 | 167309.57 | 3909209.24 | FENCEGRD | 4.28E-07 | 4.11E-07 | 3.92E-07 | 3.77E-07 | 4.99E-09 | 1.44E-07 | 6.53E-09 | 6.32E-09 | 6.14E-09 | 5.96E-09 |
| 167309.573909232.55 | 167309.57 | 3909232.56 | FENCEGRD | 4.80E-07 | 4.62E-07 | 4.42E-07 | 4.25E-07 | 6.86E-09 | 1.50E-07 | 7.94E-09 | 7.72E-09 | 7.52E-09 | 7.32E-09 |
| 167309.573909255.87 | 167309.57 | 3909255.88 | FENCEGRD | 5.17E-07 | 5.00E-07 | 4.81E-07 | 4.65E-07 | 9.52E-09 | 1.52E-07 | 9.20E-09 | 8.97E-09 | 8.77E-09 | 8.56E-09 |
| 167309.573909279.2 | 167309.57 | 3909279.20 | FENCEGRD | 5.36E-07 | 5.23E-07 | 5.06E-07 | 4.92E-07 | 1.30E-08 | 1.51E-07 | 1.02E-08 | 1.00E-08 | 9.81E-09 | 9.61E-09 |
| 167262.669955847390 | 167262.67 | 3909120.23 | FENCEGRD | 1.98E-07 | 1.89E-07 | 1.79E-07 | 1.72E-07 | 2.31E-09 | 1.02E-07 | 2.32E-09 | 2.25E-09 | 2.19E-09 | 2.14E-09 |
| 167268.869867543909 | 167268.87 | 3909082.16 | FENCEGRD | 1.38E-07 | 1.32E-07 | 1.27E-07 | 1.22E-07 | 1.86E-09 | 8.80E-08 | 1.55E-09 | 1.51E-09 | 1.48E-09 | 1.45E-09 |
| 167259.573909162.59 | 167259.57 | 3909162.59 | FENCEGRD | 2.82E-07 | 2.69E-07 | 2.56E-07 | 2.45E-07 | 3.23E-09 | 1.19E-07 | 3.69E-09 | 3.57E-09 | 3.46E-09 | 3.36E-09 |
| 167259.573909185.91 | 167259.57 | 3909185.91 | FENCEGRD | 3.29E-07 | 3.15E-07 | 3.00E-07 | 2.88E-07 | 4.05E-09 | 1.27E-07 | 4.68E-09 | 4.54E-09 | 4.40E-09 | 4.28E-09 |
| 167259.573909209.23 | 167259.57 | 3909209.24 | FENCEGRD | 3.72E-07 | 3.57E-07 | 3.41E-07 | 3.28E-07 | 5.20E-09 | 1.34E-07 | 5.75E-09 | 5.59E-09 | 5.44E-09 | 5.30E-09 |
| 167259.573909232.55 | 167259.57 | 3909232.56 | FENCEGRD | 4.09E-07 | 3.94E-07 | 3.77E-07 | 3.63E-07 | 6.81E-09 | 1.38E-07 | 6.79E-09 | 6.62E-09 | 6.46E-09 | 6.31E-09 |
| 167259.573909255.87 | 167259.57 | 3909255.88 | FENCEGRD | 4.39E-07 | 4.24E-07 | 4.08E-07 | 3.94E-07 | 8.98E-09 | 1.40E-07 | 7.74E-09 | 7.56E-09 | 7.41E-09 | 7.25E-09 |
| 167259.573909279.2 | 167259.57 | 3909279.20 | FENCEGRD | 4.60E-07 | 4.47E-07 | 4.32E-07 | 4.19E-07 | 1.17E-08 | 1.40E-07 | 8.56E-09 | 8.39E-09 | 8.24E-09 | 8.08E-09 |
| 167163.014395385390 | 167163.01 | 3909118.12 | FENCEGRD | 1.62E-07 | 1.55E-07 | 1.48E-07 | 1.42E-07 | 2.56E-09 | 8.39E-08 | 2.17E-09 | 2.11E-09 | 2.07E-09 | 2.02E-09 |
| 167169.903186155390 | 167169.90 | 3909075.82 | FENCEGRD | 1.18E-07 | 1.13E-07 | 1.09E-07 | 1.05E-07 | 1.97E-09 | 7.18E-08 | 1.53E-09 | 1.50E-09 | 1.47E-09 | 1.45E-09 |
| 167176.791976925390 | 167176.79 | 3909033.51 | FENCEGRD | 8.72E-08 | 8.46E-08 | 8.19E-08 | 7.96E-08 | 1.63E-09 | 5.96E-08 | 1.09E-09 | 1.07E-09 | 1.06E-09 | 1.05E-09 |
| 167159.573909162.59 | 167159.57 | 3909162.59 | FENCEGRD | 2.17E-07 | 2.09E-07 | 1.99E-07 | 1.92E-07 | 3.58E-09 | 9.63E-08 | 3.16E-09 | 3.07E-09 | 3.00E-09 | 2.93E-09 |
| 167159.573909185.91 | 167159.57 | 3909185.91 | FENCEGRD | 2.46E-07 | 2.37E-07 | 2.28E-07 | 2.19E-07 | 4.33E-09 | 1.03E-07 | 3.81E-09 | 3.71E-09 | 3.63E-09 | 3.54E-09 |
| 167159.573909209.23 | 167159.57 | 3909209.24 | FENCEGRD | 2.73E-07 | 2.64E-07 | 2.53E-07 | 2.45E-07 | 5.30E-09 | 1.08E-07 | 4.51E-09 | 4.41E-09 | 4.31E-09 | 4.22E-09 |
| 167159.573909232.55 | 167159.57 | 3909232.56 | FENCEGRD | 2.98E-07 | 2.88E-07 | 2.77E-07 | 2.68E-07 | 6.53E-09 | 1.13E-07 | 5.21E-09 | 5.10E-09 | 5.00E-09 | 4.91E-09 |
| 167159.573909255.87 | 167159.57 | 3909255.88 | FENCEGRD | 3.20E-07 | 3.10E-07 | 2.99E-07 | 2.90E-07 | 8.09E-09 | 1.17E-07 | 5.87E-09 | 5.76E-09 | 5.65E-09 | 5.55E-09 |
| 167159.573909279.2 | 167159.57 | 3909279.20 | FENCEGRD | 3.40E-07 | 3.30E-07 | 3.19E-07 | 3.10E-07 | 9.98E-09 | 1.19E-07 | 6.47E-09 | 6.36E-09 | 6.25E-09 | 6.15E-09 |
| 167063.260423627390 | 167063.26 | 3909116.61 | FENCEGRD | 1.32E-07 | 1.27E-07 | 1.22E-07 | 1.18E-07 | 2.78E-09 | 6.98E-08 | 2.00E-09 | 1.96E-09 | 1.92E-09 | 1.89E-09 |
| 167066.950847254390 | 167066.95 | 3909093.95 | FENCEGRD | 1.16E-07 | 1.11E-07 | 1.07E-07 | 1.04E-07 | 2.41E-09 | 6.50E-08 | 1.71E-09 | 1.68E-09 | 1.65E-09 | 1.62E-09 |
| 167070.641270881390 | 167070.64 | 3909071.28 | FENCEGRD | 1.01E-07 | 9.71E-08 | 9.36E-08 | 9.07E-08 | 2.11E-09 | 6.00E-08 | 1.47E-09 | 1.45E-09 | 1.43E-09 | 1.40E-09 |
| 167074.331694508390 | 167074.33 | 3909048.62 | FENCEGRD | 8.77E-08 | 8.49E-08 | 8.21E-08 | 7.96E-08 | 1.86E-09 | 5.51E-08 | 1.27E-09 | 1.25E-09 | 1.23E-09 | 1.22E-09 |
| 167078.022118134390 | 167078.02 | 3909025.96 | FENCEGRD | 7.69E-08 | 7.47E-08 | 7.24E-08 | 7.04E | | | | | | |

2<16 Dose

| | | | | 2<16 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 166881.269690926390 | 166881.27 | 3909006.02 | FENCEGRD | 5.65E-08 | 5.51E-08 | 5.37E-08 | 5.25E-08 | 1.72E-09 | 3.55E-08 | 9.81E-10 | 9.69E-10 | 9.59E-10 | 9.49E-10 |
| 166884.886306083908 | 166884.89 | 3908983.81 | FENCEGRD | 5.17E-08 | 5.05E-08 | 4.93E-08 | 4.82E-08 | 1.56E-09 | 3.27E-08 | 8.86E-10 | 8.76E-10 | 8.67E-10 | 8.59E-10 |
| 166888.502921235390 | 166888.50 | 3908961.60 | FENCEGRD | 4.75E-08 | 4.65E-08 | 4.54E-08 | 4.45E-08 | 1.42E-09 | 2.99E-08 | 8.00E-10 | 7.92E-10 | 7.84E-10 | 7.77E-10 |
| 166859.573909139.27 | 166859.57 | 3909139.27 | FENCEGRD | 1.01E-07 | 9.80E-08 | 9.49E-08 | 9.23E-08 | 3.23E-09 | 5.30E-08 | 1.87E-09 | 1.84E-09 | 1.81E-09 | 1.79E-09 |
| 166859.573909162.59 | 166859.57 | 3909162.59 | FENCEGRD | 1.12E-07 | 1.09E-07 | 1.05E-07 | 1.02E-07 | 3.63E-09 | 5.64E-08 | 2.12E-09 | 2.08E-09 | 2.05E-09 | 2.02E-09 |
| 166859.573909185.91 | 166859.57 | 3909185.91 | FENCEGRD | 1.23E-07 | 1.20E-07 | 1.16E-07 | 1.13E-07 | 4.08E-09 | 5.98E-08 | 2.40E-09 | 2.35E-09 | 2.32E-09 | 2.28E-09 |
| 166859.573909209.23 | 166859.57 | 3909209.24 | FENCEGRD | 1.34E-07 | 1.30E-07 | 1.27E-07 | 1.23E-07 | 4.62E-09 | 6.32E-08 | 2.70E-09 | 2.65E-09 | 2.61E-09 | 2.57E-09 |
| 166859.573909232.55 | 166859.57 | 3909232.56 | FENCEGRD | 1.44E-07 | 1.40E-07 | 1.36E-07 | 1.33E-07 | 5.24E-09 | 6.66E-08 | 3.01E-09 | 2.96E-09 | 2.92E-09 | 2.88E-09 |
| 166859.573909255.87 | 166859.57 | 3909255.88 | FENCEGRD | 1.53E-07 | 1.49E-07 | 1.45E-07 | 1.42E-07 | 5.97E-09 | 6.97E-08 | 3.31E-09 | 3.27E-09 | 3.22E-09 | 3.18E-09 |
| 166859.573909279.2 | 166859.57 | 3909279.20 | FENCEGRD | 1.61E-07 | 1.58E-07 | 1.54E-07 | 1.50E-07 | 6.81E-09 | 7.27E-08 | 3.60E-09 | 3.55E-09 | 3.51E-09 | 3.47E-09 |
| 167540.497012865390 | 167540.50 | 3909215.75 | | 2.88E-07 | 2.96E-07 | 3.06E-07 | 3.14E-07 | 1.12E-08 | 1.83E-07 | 2.35E-08 | 2.34E-08 | 2.33E-08 | 2.26E-08 |
| 167541.642759649390 | 167541.64 | 3909179.96 | | 2.25E-07 | 2.22E-07 | 2.22E-07 | 2.22E-07 | 9.14E-09 | 1.79E-07 | 1.58E-08 | 1.44E-08 | 1.29E-08 | 1.16E-08 |
| 167537.739545029390 | 167537.74 | 3909149.96 | | 1.42E-07 | 1.39E-07 | 1.38E-07 | 1.36E-07 | 7.61E-09 | 1.72E-07 | 7.13E-09 | 6.07E-09 | 5.19E-09 | 4.58E-09 |
| 167536.333909120.68 | 167536.33 | 3909120.68 | | 7.38E-08 | 7.20E-08 | 7.18E-08 | 7.16E-08 | 6.94E-09 | 1.65E-07 | 2.46E-09 | 2.19E-09 | 1.98E-09 | 1.84E-09 |
| 167536.333909106.64 | 167536.33 | 3909106.64 | | 5.58E-08 | 5.59E-08 | 5.72E-08 | 5.84E-08 | 6.76E-09 | 1.61E-07 | 1.65E-09 | 1.55E-09 | 1.45E-09 | 1.39E-09 |
| 167534.583909076.82 | 167534.58 | 3909076.82 | | 4.85E-08 | 4.94E-08 | 5.07E-08 | 5.20E-08 | 6.28E-09 | 1.51E-07 | 1.13E-09 | 1.09E-09 | 1.06E-09 | 1.03E-09 |
| 167559.143909104.89 | 167559.14 | 3909104.89 | | 4.76E-08 | 4.81E-08 | 4.87E-08 | 4.95E-08 | 9.71E-09 | 1.75E-07 | 2.01E-09 | 1.87E-09 | 1.74E-09 | 1.64E-09 |
| 167557.393909075.06 | 167557.39 | 3909075.06 | | 4.69E-08 | 4.72E-08 | 4.73E-08 | 4.77E-08 | 8.46E-09 | 1.60E-07 | 1.54E-09 | 1.47E-09 | 1.40E-09 | 1.34E-09 |
| 167589.843909052.25 | 167589.84 | 3909052.25 | | 7.73E-08 | 6.57E-08 | 5.76E-08 | 5.38E-08 | 1.24E-08 | 1.82E-07 | 3.11E-09 | 2.84E-09 | 2.60E-09 | 2.41E-09 |
| 167615.283909003.13 | 167615.28 | 3909003.13 | | 2.42E-07 | 1.96E-07 | 1.57E-07 | 1.33E-07 | 1.34E-08 | 1.82E-07 | 4.10E-09 | 3.79E-09 | 3.51E-09 | 3.28E-09 |
| 167542.473909053.13 | 167542.47 | 3909053.13 | | 4.71E-08 | 4.76E-08 | 4.86E-08 | 4.96E-08 | 6.62E-09 | 1.45E-07 | 1.16E-09 | 1.12E-09 | 1.08E-09 | 1.05E-09 |
| 167566.163909006.64 | 167566.16 | 3909006.64 | | 6.48E-08 | 6.12E-08 | 5.82E-08 | 5.68E-08 | 7.69E-09 | 1.34E-07 | 1.71E-09 | 1.62E-09 | 1.53E-09 | 1.46E-09 |
| 167539.753909198.46 | 167539.75 | 3909198.46 | | 2.66E-07 | 2.69E-07 | 2.75E-07 | 2.79E-07 | 9.46E-09 | 1.80E-07 | 1.99E-08 | 1.91E-08 | 1.81E-08 | 1.69E-08 |
| 167537.083909134.72 | 167537.08 | 3909134.72 | | 1.03E-07 | 9.98E-08 | 9.82E-08 | 9.65E-08 | 7.24E-09 | 1.69E-07 | 4.13E-09 | 3.53E-09 | 3.06E-09 | 2.75E-09 |
| 167535.553909092.74 | 167535.55 | 3909092.74 | | 4.98E-08 | 5.07E-08 | 5.23E-08 | 5.37E-08 | 6.52E-09 | 1.56E-07 | 1.30E-09 | 1.25E-09 | 1.20E-09 | 1.16E-09 |
| 167558.453909089.69 | 167558.45 | 3909089.69 | | 4.66E-08 | 4.71E-08 | 4.78E-08 | 4.82E-08 | 9.04E-09 | 1.67E-07 | 1.68E-09 | 1.59E-09 | 1.51E-09 | 1.44E-09 |
| 167553.493909032.06 | 167553.49 | 3909032.06 | | 4.92E-08 | 4.88E-08 | 4.89E-08 | 4.95E-08 | 7.14E-09 | 1.40E-07 | 1.38E-09 | 1.31E-09 | 1.25E-09 | 1.20E-09 |
| 167601.963909028.24 | 167601.96 | 3909028.24 | | 1.52E-07 | 1.19E-07 | 9.37E-08 | 8.06E-08 | 1.29E-08 | 1.82E-07 | 3.64E-09 | 3.34E-09 | 3.08E-09 | 2.86E-09 |

16<30 Dose

| | | | | 16<30 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167603.820034585390 | 167603.82 | 3909302.48 | FENCEGRD | 9.64E-08 | 9.93E-08 | 1.04E-07 | 1.08E-07 | 2.34E-08 | 2.94E-08 | 2.09E-09 | 2.16E-09 | 2.25E-09 | 2.35E-09 |
| 167615.268534585390 | 167615.27 | 3909280.72 | FENCEGRD | 9.21E-08 | 9.46E-08 | 9.74E-08 | 9.98E-08 | 2.77E-08 | 2.96E-08 | 2.04E-09 | 2.14E-09 | 2.24E-09 | 2.34E-09 |
| 167626.717034585390 | 167626.72 | 3909258.96 | FENCEGRD | 8.48E-08 | 8.71E-08 | 8.80E-08 | 8.85E-08 | 3.08E-08 | 3.03E-08 | 2.13E-09 | 2.24E-09 | 2.36E-09 | 2.48E-09 |
| 167638.165534585390 | 167638.17 | 3909237.19 | FENCEGRD | 7.14E-08 | 7.34E-08 | 7.50E-08 | 7.54E-08 | 3.31E-08 | 3.17E-08 | 2.37E-09 | 2.47E-09 | 2.60E-09 | 2.75E-09 |
| 167649.614034585390 | 167649.61 | 3909215.43 | FENCEGRD | 5.73E-08 | 5.75E-08 | 5.86E-08 | 5.94E-08 | 3.43E-08 | 3.45E-08 | 3.00E-09 | 3.12E-09 | 3.25E-09 | 3.44E-09 |
| 167661.062534585390 | 167661.06 | 3909193.67 | FENCEGRD | 5.54E-08 | 5.19E-08 | 4.94E-08 | 4.90E-08 | 3.37E-08 | 3.94E-08 | 4.28E-09 | 4.50E-09 | 4.71E-09 | 5.00E-09 |
| 167672.511034585390 | 167672.51 | 3909171.91 | FENCEGRD | 5.56E-08 | 5.09E-08 | 4.59E-08 | 4.26E-08 | 3.17E-08 | 4.58E-08 | 5.96E-09 | 6.34E-09 | 6.75E-09 | 7.26E-09 |
| 167683.959534585390 | 167683.96 | 3909150.15 | FENCEGRD | 6.21E-08 | 5.70E-08 | 5.12E-08 | 4.69E-08 | 2.92E-08 | 5.25E-08 | 7.72E-09 | 8.24E-09 | 8.88E-09 | 9.61E-09 |
| 167695.408034585390 | 167695.41 | 3909128.39 | FENCEGRD | 8.76E-08 | 8.93E-08 | 9.30E-08 | 1.05E-07 | 2.68E-08 | 5.87E-08 | 9.25E-09 | 9.89E-09 | 1.07E-08 | 1.16E-08 |
| 167706.856534585390 | 167706.86 | 3909106.63 | FENCEGRD | 2.00E-07 | 2.36E-07 | 2.89E-07 | 3.60E-07 | 2.48E-08 | 6.43E-08 | 1.03E-08 | 1.09E-08 | 1.16E-08 | 1.23E-08 |
| 167718.305034585390 | 167718.31 | 3909084.86 | FENCEGRD | 3.75E-07 | 4.42E-07 | 5.24E-07 | 6.04E-07 | 2.34E-08 | 6.96E-08 | 1.07E-08 | 1.11E-08 | 1.16E-08 | 1.19E-08 |
| 167729.753534585390 | 167729.75 | 3909063.10 | FENCEGRD | 5.43E-07 | 6.07E-07 | 6.72E-07 | 7.21E-07 | 2.22E-08 | 7.48E-08 | 1.05E-08 | 1.07E-08 | 1.09E-08 | 1.10E-08 |
| 167741.202034585390 | 167741.20 | 3909041.34 | FENCEGRD | 6.40E-07 | 6.82E-07 | 7.20E-07 | 7.43E-07 | 2.09E-08 | 8.00E-08 | 9.99E-09 | 1.01E-08 | 1.01E-08 | 1.00E-08 |
| 167752.650534585390 | 167752.65 | 3909019.58 | FENCEGRD | 6.70E-07 | 6.92E-07 | 7.09E-07 | 7.15E-07 | 1.97E-08 | 8.50E-08 | 9.36E-09 | 9.33E-09 | 9.26E-09 | 9.15E-09 |
| 167764.099034585390 | 167764.10 | 3908997.82 | FENCEGRD | 6.53E-07 | 6.64E-07 | 6.68E-07 | 6.64E-07 | 1.85E-08 | 8.95E-08 | 8.65E-09 | 8.57E-09 | 8.46E-09 | 8.33E-09 |
| 167775.547534585390 | 167775.55 | 3908976.06 | FENCEGRD | 6.10E-07 | 6.12E-07 | 6.10E-07 | 6.04E-07 | 1.72E-08 | 9.36E-08 | 7.96E-09 | 7.86E-09 | 7.73E-09 | 7.60E-09 |
| 167786.996034585390 | 167787.00 | 3908954.30 | FENCEGRD | 5.60E-07 | 5.56E-07 | 5.50E-07 | 5.41E-07 | 1.61E-08 | 9.75E-08 | 7.34E-09 | 7.23E-09 | 7.10E-09 | 6.98E-09 |
| 167798.444534585390 | 167798.44 | 3908932.53 | FENCEGRD | 5.05E-07 | 4.98E-07 | 4.88E-07 | 4.78E-07 | 1.48E-08 | 1.01E-07 | 6.71E-09 | 6.60E-09 | 6.47E-09 | 6.35E-09 |
| 167809.893034585390 | 167809.89 | 3908910.77 | FENCEGRD | 4.55E-07 | 4.47E-07 | 4.37E-07 | 4.27E-07 | 1.39E-08 | 1.05E-07 | 6.19E-09 | 6.08E-09 | 5.97E-09 | 5.86E-09 |
| 167821.341534585390 | 167821.34 | 3908889.01 | FENCEGRD | 4.07E-07 | 3.98E-07 | 3.88E-07 | 3.79E-07 | 1.28E-08 | 1.12E-07 | 5.68E-09 | 5.58E-09 | 5.47E-09 | 5.37E-09 |
| 167832.790034585390 | 167832.79 | 3908867.25 | FENCEGRD | 3.67E-07 | 3.59E-07 | 3.49E-07 | 3.41E-07 | 1.20E-08 | 1.19E-07 | 5.29E-09 | 5.20E-09 | 5.10E-09 | 5.01E-09 |
| 167583.765368876390 | 167583.77 | 3909333.07 | FENCEGRD | 1.00E-07 | 1.05E-07 | 1.12E-07 | 1.19E-07 | 1.71E-08 | 3.01E-08 | 2.20E-09 | 2.27E-09 | 2.35E-09 | 2.44E-09 |
| 167625.945051877390 | 167625.95 | 3909314.12 | FENCEGRD | 9.89E-08 | 1.02E-07 | 1.05E-07 | 1.07E-07 | 1.60E-08 | 2.56E-08 | 1.74E-09 | 1.81E-09 | 1.89E-09 | 1.96E-09 |
| 167637.393551877390 | 167637.39 | 3909292.36 | FENCEGRD | 9.37E-08 | 9.88E-08 | 1.03E-07 | 1.06E-07 | 1.99E-08 | 2.60E-08 | 1.73E-09 | 1.80E-09 | 1.88E-09 | 1.96E-09 |
| 167648.842051877390 | 167648.84 | 3909270.60 | FENCEGRD | 8.48E-08 | 9.03E-08 | 9.63E-08 | 1.00E-07 | 2.34E-08 | 2.67E-08 | 1.84E-09 | 1.90E-09 | 1.97E-09 | 2.05E-09 |
| 167660.290551877390 | 167660.29 | 3909248.83 | FENCEGRD | 7.33E-08 | 7.59E-08 | 7.99E-08 | 8.34E-08 | 2.61E-08 | 2.75E-08 | 2.03E-09 | 2.07E-09 | 2.12E-09 | 2.19E-09 |
| 167671.739051877390 | 167671.74 | 3909227.07 | FENCEGRD | 7.66E-08 | 7.49E-08 | 7.34E-08 | 7.31E-08 | 2.85E-08 | 2.92E-08 | 2.43E-09 | 2.48E-09 | 2.53E-09 | 2.60E-09 |
| 167683.187551877390 | 167683.19 | 3909205.31 | FENCEGRD | 9.37E-08 | 9.09E-08 | 8.53E-08 | 7.97E-08 | 2.99E-08 | 3.21E-08 | 3.10E-09 | 3.21E-09 | 3.31E-09 | 3.44E-09 |
| 167694.636051877390 | 167694.64 | 3909183.55 | FENCEGRD | 1.01E-07 | 9.96E-08 | 9.62E-08 | 9.16E-08 | 3.01E-08 | 3.64E-08 | 4.10E-09 | 4.27E-09 | 4.46E-09 | 4.68E-09 |
| 167706.084551877390 | 167706.08 | 3909161.79 | FENCEGRD | 1.05E-07 | 1.04E-07 | 9.93E-08 | 9.38E-08 | 2.92E-08 | 4.14E-08 | 5.32E-09 | 5.59E-09 | 5.89E-09 | 6.24E-09 |
| 167717.533051877390 | 167717.53 | 3909140.03 | FENCEGRD | 1.20E-07 | 1.22E-07 | 1.22E-07 | 1.22E-07 | 2.76E-08 | 4.68E-08 | 6.65E-09 | 7.03E-09 | 7.47E-09 | 7.95E-09 |
| 167728.981551877390 | 167728.98 | 3909118.27 | FENCEGRD | 1.58E-07 | 1.72E-07 | 1.89E-07 | 2.13E-07 | 2.60E-08 | 5.14E-08 | 7.75E-09 | 8.18E-09 | 8.69E-09 | 9.22E-09 |
| 167740.430051877390 | 167740.43 | 3909096.50 | FENCEGRD | 2.47E-07 | 2.80E-07 | 3.22E-07 | 3.71E-07 | 2.48E-08 | 5.63E-08 | 8.61E-09 | 9.03E-09 | 9.53E-09 | 1.00E-08 |
| 167751.878551877390 | 167751.88 | 3909074.74 | FENCEGRD | 3.71E-07 | 4.19E-07 | 4.77E-07 | 5.34E-07 | 2.36E-08 | 6.15E-08 | 9.16E-09 | 9.51E-09 | 9.89E-09 | 1.02E-08 |
| 167763.327051877390 | 167763.33 | 3909052.98 | FENCEGRD | 4.86E-07 | 5.35E-07 | 5.89E-07 | 6.34E-07 | 2.26E-08 | 6.68E-08 | 9.35E-09 | 9.60E-09 | 9.83E-09 | 1.00E-08 |
| 167774.775551877390 | 167774.78 | 3909031.22 | FENCEGRD | 5.57E-07 | 5.98E-07 | 6.39E-07 | 6.68E-07 | 2.12E-08 | 7.17E-08 | 9.16E-09 | 9.30E-09 | 9.42E-09 | 9.49E-09 |
| 167786.224051877390 | 167786.22 | 3909009.46 | FENCEGRD | 5.78E-07 | 6.06E-07 | 6.33E-07 | 6.52E-07 | 1.96E-08 | 7.62E-08 | 8.74E-09 | 8.79E-09 | 8.83E-09 | 8.82E-09 |
| 167797.672551877390 | 167797.67 | 3908987.70 | FENCEGRD | 5.67E-07 | 5.83E-07 | 5.97E-07 | 6.03E-07 | 1.79E-08 | 8.06E-08 | 8.18E-09 | 8.18E-09 | 8.15E-09 | 8.09E-09 |
| 167809.121051877390 | 167809.12 | 3908965.94 | FENCEGRD | 5.40E-07 | 5.48E-07 | 5.52E-07 | 5.51E-07 | 1.65E-08 | 8.53E-08 | 7.64E-09 | 7.59E-09 | 7.53E-09 | 7.44E-09 |
| 167820.569551877390 | 167820.57 | 3908944.17 | FENCEGRD | 5.03E-07 | 5.05E-07 | 5.03E-07 | 4.97E-07 | 1.51E-08 | 9.17E-08 | 7.12E-09 | 7.04E-09 | 6.95E-09 | 6.85E-09 |
| 167832.018051877390 | 167832.02 | 3908922.41 | FENCEGRD | 4.60E-07 | 4.58E-07 | 4.53E-07 | 4.45E-07 | 1.40E-08 | 9.96E-08 | 6.68E-09 | 6.58E-09 | 6.48E-09 | 6.37E-09 |
| 167843.466551877390 | 167843.47 | 3908900.65 | FENCEGRD | 4.07E-07 | 4.04E-07 | 3.98E-07 | 3.91E-07 | 1.30E-08 | 1.10E-07 | 6.30E-09 | 6.19E-09 | 6.08E-09 | 5.97E-09 |
| 167854.915051877390 | 167854.92 | 3908878.89 | FENCEGRD | 3.56E-07 | 3.52E-07 | 3.47E-07 | 3.40E-07 | 1.23E-08 | 1.19E-07 | 5.89E-09 | 5.79E-09 | 5.68E-09 | 5.58E-09 |
| 167610.577017612390 | 167610.58 | 3909342.60 | FENCEGRD | 9.59E-08 | 9.82E-08 | 1.01E-07 | 1.03E-07 | 1.08E-08 | 2.56E-08 | 1.86E-09 | 1.91E-09 | 1.96E-09 | 2.02E-09 |
| 167554.337440276390 | 167554.34 | 3909367.86 | FENCEGRD | 1.13E-07 | 1.20E-07 | 1.30E-07 | 1.39E-07 | 1.17E-08 | 3.15E-08 | 2.35E-09 | 2.43E-09 | 2.53E-09 | 2.64E-09 |
| 167648.070069173909 | 167648.07 | 3909325.76 | FENCEGRD | 8.69E-08 | 9.32E-08 | 9.99E-08 | 1.05E-07 | 1.20E-08 | 2.33E-08 | 1.54E-09 | 1.59E-09 | 1.65E-09 | 1.72E-09 |
| 167659.518569173909 | 167659.52 | 3909304.00 | FENCEGRD | 8.15E-08 | 8.76E-08 | 9.50E-08 | 1.01E-07 | 1.47E-08 | 2.38E-08 | 1.59E-09 | 1.63E-09 | 1.68E-09 | 1.74E-09 |
| 167670.967069173909 | 167670.97 | 3909282.24 | FENCEGRD | 7.61E-08 | 8.02E-08 | 8.59E-08 | 9.12E-08 | 1.76E-08 | 2.43E-08 | 1.72E-09 | 1.74E-09 | 1.78E-09 | 1.82E-09 |
| 167682.415569173909 | 167682.42 | 3909260.47 | FENCEGRD | 7.64E-08 | 7.71E-08 | 7.82E-08 | 7.99E-08 | 2.03E-08 | 2.49E-08 | 1.89E-09 | 1.91E-09 | 1.94E-09 | 1.97E-09 |
| 167693.864069173909 | 167693.86 | 3909238.71 | FENCEGRD | 8.87E-08 | 8.74E-08 | 8.47E-08 | 8.22E-08 | 2.29E-08 | 2.59E-08 | 2.13E-09 | 2.16E-09 | 2.20E-09 | 2.24E-09 |
| 167705.312569173909 | 167705.31 | 3909216.95 | FENCEGRD | 1.09E-07 | 1.11E-07 | 1.11E-07 | 1.10E-07 | 2.55E-08 | 2.80E-08 | 2.55E-09 | 2.62E-09 | 2.69E-09 | 2.76E-09 |
| 167716.761069173909 | 167716.76 | 3909195.19 | FENCEGRD | 1.14E-07 | 1.16E-07 | 1.18E-07 | 1.18E-07 | 2.69E-08 | 3.09E-08 | 3.16E-09 | 3.26E-09 | 3.36E-09 | 3.48E-09 |
| 167728.209569173909 | 167728.21 | 3909173.43 | FENCEGRD | 1.14E-07 | 1.16E-07 | 1.16E-07 | 1.15E-07 | 2.71E-08 | 3.39E-08 | 3.87E-09 | 4.02E-09 | 4.18E-09 | 4.36E-09 |
| 167739.658069173909 | 167739.66 | 3909151.67 | FENCEGRD | 1.14E-07 | 1.16E-07 | 1.16E-07 | 1.16E-07 | 2.66E-08 | 3.74E-08 | 4.74E-09 | 4.95E-09 | 5.18E-09 | 5.44E-09 |
| 167751.106569173909 | 167751.11 | 3909129.91 | FENCEGRD | 1.31E-07 | 1.39E-07 | 1.46E-07 | 1.56E-07 | 2.58E-08 | 4.14E-08 | 5.71E-09 | 5.99E-09 | 6.30E-09 | 6.63E-09 |
| 167762.555069173909 | 167762.56 | 3909108.14 | FENCEGRD | 1.82E-07 | 2.00E-07 | 2.21E-07 | 2.46E-07 | 2.50E-08 | 4.59E-08 | 6.65E-09 | 6.96E-09 | 7.31E-09 | 7.68E-09 |
| 167774.003569173909 | 167774.00 | 3909086.38 | FENCEGRD | 2.59E-07 | 2.89E-07 | 3.27E-07 | 3.66E-07 | 2.41E-08 | 5.06E-08 | 7.43E-09 | 7.74E-09 | 8.10E-09 | 8.45E-09 |
| 167785.452069173909 | 167785.45 | 3909064.62 | FENCEGRD | 3.47E-07 | 3.87E-07 | 4.34E-07 | 4.80E-07 | 2.32E-08 | 5.55E-08 | 7.98E-09 | 8.27E-09 | 8.58E-09 | 8.86E-09 |
| 167796.900569173909 | 167796.90 | 3909042.86 | FENCEGRD | 4.25E-07 | 4.65E-07 | 5.10E-07 | 5.49E-07 | 2.18E-08 | 6.03E-08 | 8.22E-09 | 8.44E-09 | 8.67E-09 | 8.86E-09 |
| 167808.349069173909 | 167808.35 | 3909021.10 | FENCEGRD | 4.74E-07 | 5.07E-07 | 5.44E-07 | 5.72E-07 | 2.02E-08 | 6.50E-08 | 8.18E-09 | 8.33E-09 | 8.47E-09 | 8.59E-09 |
| 167819.797569173908 | 167819.80 | 3908999.34 | FENCEGRD | 4.97E-07 | 5.22E-07 | 5.47E-07 | 5.65E-07 | 1.86E-08 | 7.05E-08 | 7.99E-09 | 8.08E-09 | 8.16E-09 | 8.20E-09 |
| 167831.246069173908 | 167831.25 | 3908977.57 | FENCEGRD | 4.96E-07 | 5.15E-07 | 5.32E-07 | | | | | | | |

16<30 Dose

| | | | | 16<30 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167818.253603755390 | 167818.25 | 3909109.66 | FENCEGRD | 1.59E-07 | 1.71E-07 | 1.85E-07 | 2.00E-07 | 2.19E-08 | 3.59E-08 | 4.67E-09 | 4.84E-09 | 5.03E-09 | 5.22E-09 |
| 167829.702103755390 | 167829.70 | 3909087.90 | FENCEGRD | 1.98E-07 | 2.14E-07 | 2.34E-07 | 2.54E-07 | 2.17E-08 | 3.94E-08 | 5.28E-09 | 5.47E-09 | 5.68E-09 | 5.89E-09 |
| 167841.150603755390 | 167841.15 | 3909066.14 | FENCEGRD | 2.42E-07 | 2.63E-07 | 2.89E-07 | 3.15E-07 | 2.11E-08 | 4.35E-08 | 5.84E-09 | 6.04E-09 | 6.26E-09 | 6.48E-09 |
| 167852.599103755390 | 167852.60 | 3909044.38 | FENCEGRD | 2.87E-07 | 3.12E-07 | 3.43E-07 | 3.71E-07 | 2.03E-08 | 4.84E-08 | 6.33E-09 | 6.52E-09 | 6.73E-09 | 6.93E-09 |
| 167864.047603755390 | 167864.05 | 3909022.62 | FENCEGRD | 3.20E-07 | 3.48E-07 | 3.81E-07 | 4.09E-07 | 1.95E-08 | 5.49E-08 | 6.79E-09 | 6.96E-09 | 7.15E-09 | 7.32E-09 |
| 167875.496103755390 | 167875.50 | 3909000.85 | FENCEGRD | 3.03E-07 | 3.29E-07 | 3.59E-07 | 3.85E-07 | 1.89E-08 | 6.33E-08 | 7.24E-09 | 7.40E-09 | 7.57E-09 | 7.72E-09 |
| 167886.944603755390 | 167886.94 | 3908979.09 | FENCEGRD | 2.34E-07 | 2.52E-07 | 2.74E-07 | 2.93E-07 | 1.80E-08 | 6.84E-08 | 7.26E-09 | 7.40E-09 | 7.55E-09 | 7.68E-09 |
| 167898.393103755390 | 167898.39 | 3908957.33 | FENCEGRD | 2.19E-07 | 2.33E-07 | 2.51E-07 | 2.66E-07 | 1.68E-08 | 7.14E-08 | 7.00E-09 | 7.11E-09 | 7.23E-09 | 7.33E-09 |
| 167909.841603755390 | 167909.84 | 3908935.57 | FENCEGRD | 2.20E-07 | 2.32E-07 | 2.46E-07 | 2.58E-07 | 1.58E-08 | 7.47E-08 | 6.73E-09 | 6.81E-09 | 6.90E-09 | 6.97E-09 |
| 167921.290103755390 | 167921.29 | 3908913.81 | FENCEGRD | 2.45E-07 | 2.56E-07 | 2.69E-07 | 2.79E-07 | 1.49E-08 | 7.95E-08 | 6.51E-09 | 6.56E-09 | 6.62E-09 | 6.65E-09 |
| 167716.119382945390 | 167716.12 | 3909381.50 | FENCEGRD | 1.63E-08 | 1.74E-08 | 1.89E-08 | 2.04E-08 | 5.93E-09 | 1.53E-08 | 1.07E-09 | 1.09E-09 | 1.10E-09 | 1.12E-09 |
| 167675.217872155390 | 167675.22 | 3909399.88 | FENCEGRD | 3.69E-08 | 4.01E-08 | 4.43E-08 | 4.82E-08 | 6.54E-09 | 1.79E-08 | 1.15E-09 | 1.19E-09 | 1.23E-09 | 1.27E-09 |
| 167634.316361365390 | 167634.32 | 3909418.25 | FENCEGRD | 7.02E-08 | 7.32E-08 | 7.62E-08 | 7.85E-08 | 5.45E-09 | 2.00E-08 | 1.40E-09 | 1.44E-09 | 1.49E-09 | 1.53E-09 |
| 167593.414850576390 | 167593.41 | 3909436.62 | FENCEGRD | 7.45E-08 | 7.62E-08 | 7.84E-08 | 8.08E-08 | 4.95E-09 | 2.17E-08 | 1.58E-09 | 1.59E-09 | 1.61E-09 | 1.64E-09 |
| 167552.513339786390 | 167552.51 | 3909454.99 | FENCEGRD | 8.07E-08 | 8.42E-08 | 8.87E-08 | 9.30E-08 | 6.15E-09 | 2.37E-08 | 1.67E-09 | 1.71E-09 | 1.75E-09 | 1.80E-09 |
| 167387.213968908390 | 167387.21 | 3909314.50 | FENCEGRD | 2.70E-07 | 2.73E-07 | 2.75E-07 | 2.76E-07 | 1.28E-08 | 7.02E-08 | 6.49E-09 | 6.50E-09 | 6.50E-09 | 6.49E-09 |
| 167373.391984454390 | 167373.39 | 3909296.85 | FENCEGRD | 2.90E-07 | 2.89E-07 | 2.87E-07 | 2.84E-07 | 9.68E-09 | 7.50E-08 | 6.46E-09 | 6.40E-09 | 6.34E-09 | 6.26E-09 |
| 167748.018638343909 | 167748.02 | 3909350.56 | FENCEGRD | 1.88E-08 | 1.94E-08 | 2.04E-08 | 2.15E-08 | 6.65E-09 | 1.60E-08 | 1.28E-09 | 1.30E-09 | 1.31E-09 | 1.33E-09 |
| 167759.467138343909 | 167759.47 | 3909328.79 | FENCEGRD | 2.14E-08 | 2.19E-08 | 2.27E-08 | 2.37E-08 | 7.56E-09 | 1.67E-08 | 1.40E-09 | 1.42E-09 | 1.44E-09 | 1.47E-09 |
| 167770.915638343909 | 167770.92 | 3909307.03 | FENCEGRD | 2.61E-08 | 2.71E-08 | 2.84E-08 | 2.97E-08 | 8.71E-09 | 1.76E-08 | 1.51E-09 | 1.54E-09 | 1.57E-09 | 1.60E-09 |
| 167782.364138343909 | 167782.36 | 3909285.27 | FENCEGRD | 3.91E-08 | 4.12E-08 | 4.41E-08 | 4.69E-08 | 1.01E-08 | 1.90E-08 | 1.63E-09 | 1.66E-09 | 1.69E-09 | 1.72E-09 |
| 167793.812638343909 | 167793.81 | 3909263.51 | FENCEGRD | 5.44E-08 | 5.75E-08 | 6.15E-08 | 6.54E-08 | 1.14E-08 | 1.99E-08 | 1.72E-09 | 1.75E-09 | 1.78E-09 | 1.81E-09 |
| 167805.261138343909 | 167805.26 | 3909241.75 | FENCEGRD | 6.79E-08 | 7.14E-08 | 7.58E-08 | 7.99E-08 | 1.27E-08 | 2.05E-08 | 1.79E-09 | 1.83E-09 | 1.86E-09 | 1.89E-09 |
| 167816.709638343909 | 167816.71 | 3909219.99 | FENCEGRD | 7.40E-08 | 7.77E-08 | 8.24E-08 | 8.66E-08 | 1.41E-08 | 2.15E-08 | 1.94E-09 | 1.98E-09 | 2.02E-09 | 2.06E-09 |
| 167828.158138343909 | 167828.16 | 3909198.23 | FENCEGRD | 7.76E-08 | 8.17E-08 | 8.68E-08 | 9.14E-08 | 1.54E-08 | 2.29E-08 | 2.19E-09 | 2.23E-09 | 2.28E-09 | 2.34E-09 |
| 167839.606638343909 | 167839.61 | 3909176.46 | FENCEGRD | 8.43E-08 | 8.88E-08 | 9.42E-08 | 9.93E-08 | 1.65E-08 | 2.46E-08 | 2.49E-09 | 2.56E-09 | 2.62E-09 | 2.69E-09 |
| 167851.055138343909 | 167851.06 | 3909154.70 | FENCEGRD | 9.24E-08 | 9.78E-08 | 1.04E-07 | 1.11E-07 | 1.73E-08 | 2.63E-08 | 2.84E-09 | 2.92E-09 | 3.00E-09 | 3.09E-09 |
| 167862.503638343909 | 167862.50 | 3909132.94 | FENCEGRD | 1.07E-07 | 1.15E-07 | 1.23E-07 | 1.32E-07 | 1.78E-08 | 2.82E-08 | 3.21E-09 | 3.30E-09 | 3.40E-09 | 3.50E-09 |
| 167873.952138343909 | 167873.95 | 3909111.18 | FENCEGRD | 1.29E-07 | 1.38E-07 | 1.49E-07 | 1.60E-07 | 1.82E-08 | 3.04E-08 | 3.60E-09 | 3.70E-09 | 3.82E-09 | 3.94E-09 |
| 167885.400638343909 | 167885.40 | 3909089.42 | FENCEGRD | 1.53E-07 | 1.64E-07 | 1.78E-07 | 1.90E-07 | 1.84E-08 | 3.32E-08 | 4.02E-09 | 4.14E-09 | 4.27E-09 | 4.40E-09 |
| 167896.849138343909 | 167896.85 | 3909067.66 | FENCEGRD | 1.75E-07 | 1.88E-07 | 2.04E-07 | 2.19E-07 | 1.84E-08 | 3.67E-08 | 4.47E-09 | 4.60E-09 | 4.75E-09 | 4.90E-09 |
| 167908.297638343909 | 167908.30 | 3909045.90 | FENCEGRD | 1.92E-07 | 2.07E-07 | 2.26E-07 | 2.44E-07 | 1.82E-08 | 4.09E-08 | 4.91E-09 | 5.06E-09 | 5.22E-09 | 5.38E-09 |
| 167919.746138343909 | 167919.75 | 3909024.13 | FENCEGRD | 2.05E-07 | 2.22E-07 | 2.43E-07 | 2.63E-07 | 1.79E-08 | 4.52E-08 | 5.30E-09 | 5.45E-09 | 5.61E-09 | 5.77E-09 |
| 167931.194638343909 | 167931.19 | 3909002.37 | FENCEGRD | 2.15E-07 | 2.33E-07 | 2.54E-07 | 2.74E-07 | 1.75E-08 | 4.93E-08 | 5.57E-09 | 5.72E-09 | 5.87E-09 | 6.01E-09 |
| 167942.643138343908 | 167942.64 | 3908980.61 | FENCEGRD | 2.29E-07 | 2.45E-07 | 2.65E-07 | 2.83E-07 | 1.69E-08 | 5.28E-08 | 5.71E-09 | 5.84E-09 | 5.97E-09 | 6.09E-09 |
| 167954.091638343908 | 167954.09 | 3908958.85 | FENCEGRD | 2.44E-07 | 2.59E-07 | 2.76E-07 | 2.91E-07 | 1.63E-08 | 5.60E-08 | 5.74E-09 | 5.84E-09 | 5.95E-09 | 6.04E-09 |
| 167965.540138343908 | 167965.54 | 3908937.09 | FENCEGRD | 2.58E-07 | 2.71E-07 | 2.85E-07 | 2.97E-07 | 1.57E-08 | 5.88E-08 | 5.68E-09 | 5.76E-09 | 5.85E-09 | 5.93E-09 |
| 167759.189566257390 | 167759.19 | 3909405.31 | FENCEGRD | 8.11E-09 | 8.09E-09 | 8.09E-09 | 8.12E-09 | 2.66E-09 | 8.03E-09 | 5.46E-10 | 5.53E-10 | 5.58E-10 | 5.64E-10 |
| 167737.558959589390 | 167737.56 | 3909415.03 | FENCEGRD | 8.49E-09 | 8.64E-09 | 8.90E-09 | 9.17E-09 | 3.30E-09 | 9.69E-09 | 6.27E-10 | 6.37E-10 | 6.44E-10 | 6.54E-10 |
| 167715.928352922390 | 167715.93 | 3909424.75 | FENCEGRD | 1.26E-08 | 1.33E-08 | 1.43E-08 | 1.53E-08 | 4.37E-09 | 1.24E-08 | 7.75E-10 | 7.91E-10 | 8.06E-10 | 8.25E-10 |
| 167694.297746254390 | 167694.30 | 3909434.46 | FENCEGRD | 2.63E-08 | 2.83E-08 | 3.09E-08 | 3.35E-08 | 5.12E-09 | 1.51E-08 | 9.35E-10 | 9.60E-10 | 9.88E-10 | 1.02E-09 |
| 167672.667139586390 | 167672.67 | 3909444.18 | FENCEGRD | 4.43E-08 | 4.74E-08 | 5.13E-08 | 5.48E-08 | 4.95E-09 | 1.66E-08 | 1.05E-09 | 1.08E-09 | 1.12E-09 | 1.15E-09 |
| 167651.036532919390 | 167651.04 | 3909453.89 | FENCEGRD | 5.73E-08 | 6.03E-08 | 6.36E-08 | 6.62E-08 | 4.46E-09 | 1.75E-08 | 1.17E-09 | 1.20E-09 | 1.24E-09 | 1.28E-09 |
| 167629.405926251390 | 167629.41 | 3909463.61 | FENCEGRD | 6.38E-08 | 6.58E-08 | 6.78E-08 | 6.93E-08 | 4.11E-09 | 1.84E-08 | 1.30E-09 | 1.32E-09 | 1.35E-09 | 1.38E-09 |
| 167607.775319583390 | 167607.78 | 3909473.33 | FENCEGRD | 6.58E-08 | 6.71E-08 | 6.86E-08 | 7.00E-08 | 4.07E-09 | 1.93E-08 | 1.40E-09 | 1.41E-09 | 1.43E-09 | 1.45E-09 |
| 167586.144712916390 | 167586.14 | 3909483.04 | FENCEGRD | 6.65E-08 | 6.81E-08 | 7.01E-08 | 7.22E-08 | 4.42E-09 | 2.00E-08 | 1.43E-09 | 1.45E-09 | 1.46E-09 | 1.48E-09 |
| 167564.514106248390 | 167564.51 | 3909492.76 | FENCEGRD | 6.86E-08 | 7.09E-08 | 7.39E-08 | 7.68E-08 | 5.09E-09 | 2.07E-08 | 1.46E-09 | 1.48E-09 | 1.50E-09 | 1.53E-09 |
| 167542.883499583909 | 167542.88 | 3909502.47 | FENCEGRD | 7.34E-08 | 7.65E-08 | 8.04E-08 | 8.40E-08 | 5.71E-09 | 2.19E-08 | 1.53E-09 | 1.56E-09 | 1.60E-09 | 1.64E-09 |
| 167521.252892913390 | 167521.25 | 3909512.19 | FENCEGRD | 8.13E-08 | 8.50E-08 | 8.97E-08 | 9.41E-08 | 6.31E-09 | 2.37E-08 | 1.69E-09 | 1.73E-09 | 1.78E-09 | 1.83E-09 |
| 167411.905846443909 | 167411.91 | 3909409.89 | FENCEGRD | 1.81E-07 | 1.84E-07 | 1.86E-07 | 1.89E-07 | 2.21E-08 | 4.87E-08 | 4.03E-09 | 4.08E-09 | 4.14E-09 | 4.20E-09 |
| 167397.286439805390 | 167397.29 | 3909391.22 | FENCEGRD | 1.95E-07 | 1.99E-07 | 2.02E-07 | 2.05E-07 | 2.20E-08 | 5.26E-08 | 4.53E-09 | 4.60E-09 | 4.67E-09 | 4.75E-09 |
| 167382.667033171390 | 167382.67 | 3909372.55 | FENCEGRD | 2.14E-07 | 2.19E-07 | 2.23E-07 | 2.26E-07 | 2.01E-08 | 5.74E-08 | 5.16E-09 | 5.24E-09 | 5.32E-09 | 5.39E-09 |
| 167368.047626537390 | 167368.05 | 3909353.88 | FENCEGRD | 2.37E-07 | 2.41E-07 | 2.44E-07 | 2.47E-07 | 1.70E-08 | 6.26E-08 | 5.74E-09 | 5.79E-09 | 5.85E-09 | 5.88E-09 |
| 167353.428219903390 | 167353.43 | 3909335.21 | FENCEGRD | 2.60E-07 | 2.62E-07 | 2.62E-07 | 2.62E-07 | 1.38E-08 | 6.78E-08 | 6.07E-09 | 6.07E-09 | 6.07E-09 | 6.05E-09 |
| 167338.808813268390 | 167338.81 | 3909316.54 | FENCEGRD | 2.75E-07 | 2.74E-07 | 2.70E-07 | 2.67E-07 | 1.09E-08 | 7.20E-08 | 6.02E-09 | 5.97E-09 | 5.92E-09 | 5.85E-09 |
| 167324.189406634390 | 167324.19 | 3909297.87 | FENCEGRD | 2.75E-07 | 2.71E-07 | 2.65E-07 | 2.59E-07 | 8.36E-09 | 7.40E-08 | 5.61E-09 | 5.53E-09 | 5.44E-09 | 5.35E-09 |
| 167780.820172925390 | 167780.82 | 3909395.60 | FENCEGRD | 8.62E-09 | 8.51E-09 | 8.38E-09 | 8.29E-09 | 2.30E-09 | 6.98E-09 | 4.96E-10 | 5.03E-10 | 5.08E-10 | 5.13E-10 |
| 167792.268672925390 | 167792.27 | 3909373.84 | FENCEGRD | 9.55E-09 | 9.41E-09 | 9.22E-09 | 9.07E-09 | 2.60E-09 | 7.37E-09 | 5.53E-10 | 5.62E-10 | 5.70E-10 | 5.78E-10 |
| 167803.717172925390 | 167803.72 | 3909352.07 | FENCEGRD | 1.03E-08 | 1.02E-08 | 1.01E-08 | 1.00E-08 | 3.06E-09 | 8.00E-09 | 6.27E-10 | 6.39E-10 | 6.50E-10 | 6.62E-10 |
| 167815.165672925390 | 167815.17 | 3909330.31 | FENCEGRD | 1.07E-08 | 1.07E-08 | 1.07E-08 | 1.08E-08 | 4.11E-09 | 9.68E-09 | 7.92E-10 | 8.08E-10 | 8.24E-10 | 8.40E-10 |
| 167826.614172925390 | 167826.61 | 3909308.55 | FENCEGRD | 1.32E-08 | 1.34E-08 | 1.38E-08 | 1.41E-08 | 5.83E-09 | 1.25E-08 | 1.06E-09 | 1.08E-09 | 1.10E-09 | 1.13E-09 |
| 167838.062672925390 | 167838.06 | 3909286.79 | FENCEGRD | 2.07E-08 | 2.15E-08 | 2.26E-08 | | | | | | | |

16<30 Dose

| | | | | 16<30 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167656.351475502390 | 167656.35 | 3909494.66 | FENCEGRD | 5.04E-08 | 5.29E-08 | 5.57E-08 | 5.79E-08 | 3.67E-09 | 1.60E-08 | 1.06E-09 | 1.09E-09 | 1.12E-09 | 1.15E-09 |
| 167635.261634001390 | 167635.26 | 3909504.14 | FENCEGRD | 5.55E-08 | 5.74E-08 | 5.92E-08 | 6.07E-08 | 3.53E-09 | 1.68E-08 | 1.18E-09 | 1.21E-09 | 1.23E-09 | 1.26E-09 |
| 167614.171792539095 | 167614.17 | 3909513.61 | FENCEGRD | 5.78E-08 | 5.90E-08 | 6.02E-08 | 6.14E-08 | 3.61E-09 | 1.75E-08 | 1.27E-09 | 1.29E-09 | 1.31E-09 | 1.32E-09 |
| 167593.081950999390 | 167593.08 | 3909523.08 | FENCEGRD | 5.86E-08 | 5.97E-08 | 6.11E-08 | 6.26E-08 | 3.99E-09 | 1.81E-08 | 1.31E-09 | 1.32E-09 | 1.33E-09 | 1.34E-09 |
| 167571.992109498390 | 167571.99 | 3909532.55 | FENCEGRD | 6.01E-08 | 6.17E-08 | 6.37E-08 | 6.57E-08 | 4.50E-09 | 1.86E-08 | 1.32E-09 | 1.33E-09 | 1.34E-09 | 1.36E-09 |
| 167550.902267997390 | 167550.90 | 3909542.03 | FENCEGRD | 6.34E-08 | 6.56E-08 | 6.85E-08 | 7.12E-08 | 4.97E-09 | 1.95E-08 | 1.35E-09 | 1.37E-09 | 1.40E-09 | 1.42E-09 |
| 167529.812426496390 | 167529.81 | 3909551.50 | FENCEGRD | 6.89E-08 | 7.19E-08 | 7.54E-08 | 7.87E-08 | 5.37E-09 | 2.08E-08 | 1.45E-09 | 1.48E-09 | 1.51E-09 | 1.55E-09 |
| 167508.722584995390 | 167508.72 | 3909560.97 | FENCEGRD | 7.68E-08 | 8.02E-08 | 8.45E-08 | 8.84E-08 | 6.03E-09 | 2.28E-08 | 1.62E-09 | 1.66E-09 | 1.71E-09 | 1.75E-09 |
| 167416.363136152390 | 167416.36 | 3909479.43 | FENCEGRD | 1.47E-07 | 1.49E-07 | 1.51E-07 | 1.53E-07 | 1.42E-08 | 3.99E-08 | 3.18E-09 | 3.22E-09 | 3.26E-09 | 3.30E-09 |
| 167402.109214684390 | 167402.11 | 3909461.23 | FENCEGRD | 1.57E-07 | 1.59E-07 | 1.60E-07 | 1.62E-07 | 1.66E-08 | 4.31E-08 | 3.43E-09 | 3.46E-09 | 3.50E-09 | 3.54E-09 |
| 167387.855293216390 | 167387.86 | 3909443.03 | FENCEGRD | 1.67E-07 | 1.69E-07 | 1.71E-07 | 1.73E-07 | 1.91E-08 | 4.60E-08 | 3.72E-09 | 3.76E-09 | 3.81E-09 | 3.86E-09 |
| 167373.601371747390 | 167373.60 | 3909424.82 | FENCEGRD | 1.80E-07 | 1.82E-07 | 1.85E-07 | 1.88E-07 | 2.05E-08 | 4.93E-08 | 4.13E-09 | 4.18E-09 | 4.24E-09 | 4.30E-09 |
| 167359.347450279390 | 167359.35 | 3909406.62 | FENCEGRD | 1.93E-07 | 1.96E-07 | 2.00E-07 | 2.03E-07 | 2.01E-08 | 5.26E-08 | 4.58E-09 | 4.64E-09 | 4.71E-09 | 4.77E-09 |
| 167345.093528813909 | 167345.09 | 3909388.42 | FENCEGRD | 2.09E-07 | 2.13E-07 | 2.16E-07 | 2.19E-07 | 1.84E-08 | 5.64E-08 | 5.04E-09 | 5.10E-09 | 5.16E-09 | 5.21E-09 |
| 167330.839607342390 | 167330.84 | 3909370.21 | FENCEGRD | 2.26E-07 | 2.29E-07 | 2.31E-07 | 2.33E-07 | 1.61E-08 | 6.03E-08 | 5.40E-09 | 5.43E-09 | 5.46E-09 | 5.48E-09 |
| 167316.585685874390 | 167316.59 | 3909352.01 | FENCEGRD | 2.40E-07 | 2.41E-07 | 2.41E-07 | 2.40E-07 | 1.35E-08 | 6.39E-08 | 5.52E-09 | 5.51E-09 | 5.51E-09 | 5.48E-09 |
| 167302.331764405390 | 167302.33 | 3909333.81 | FENCEGRD | 2.49E-07 | 2.48E-07 | 2.45E-07 | 2.42E-07 | 1.11E-08 | 6.71E-08 | 5.43E-09 | 5.39E-09 | 5.35E-09 | 5.30E-09 |
| 167288.077842937390 | 167288.08 | 3909315.61 | FENCEGRD | 2.49E-07 | 2.46E-07 | 2.40E-07 | 2.36E-07 | 9.01E-09 | 6.90E-08 | 5.14E-09 | 5.07E-09 | 5.00E-09 | 4.93E-09 |
| 167273.823921468390 | 167273.82 | 3909297.40 | FENCEGRD | 2.41E-07 | 2.36E-07 | 2.29E-07 | 2.23E-07 | 7.23E-09 | 6.96E-08 | 4.71E-09 | 4.63E-09 | 4.55E-09 | 4.47E-09 |
| 167825.070207513909 | 167825.07 | 3909418.88 | FENCEGRD | 9.37E-09 | 9.26E-09 | 9.12E-09 | 9.00E-09 | 9.31E-10 | 3.35E-09 | 2.34E-10 | 2.35E-10 | 2.36E-10 | 2.37E-10 |
| 167836.518707513909 | 167836.52 | 3909397.12 | FENCEGRD | 1.01E-08 | 1.00E-08 | 9.95E-09 | 9.87E-09 | 9.95E-10 | 3.41E-09 | 2.45E-10 | 2.47E-10 | 2.48E-10 | 2.50E-10 |
| 167847.967207513909 | 167847.97 | 3909375.35 | FENCEGRD | 1.02E-08 | 1.02E-08 | 1.03E-08 | 1.03E-08 | 1.12E-09 | 3.61E-09 | 2.65E-10 | 2.67E-10 | 2.70E-10 | 2.72E-10 |
| 167859.415707509390 | 167859.42 | 3909353.59 | FENCEGRD | 9.88E-09 | 9.93E-09 | 9.98E-09 | 1.00E-08 | 1.50E-09 | 4.33E-09 | 3.30E-10 | 3.34E-10 | 3.38E-10 | 3.42E-10 |
| 167870.864207509390 | 167870.86 | 3909331.83 | FENCEGRD | 9.66E-09 | 9.68E-09 | 9.71E-09 | 9.73E-09 | 2.54E-09 | 6.33E-09 | 5.13E-10 | 5.22E-10 | 5.30E-10 | 5.39E-10 |
| 167882.312707509390 | 167882.31 | 3909310.07 | FENCEGRD | 1.05E-08 | 1.05E-08 | 1.06E-08 | 1.07E-08 | 3.95E-09 | 8.99E-09 | 7.59E-10 | 7.73E-10 | 7.87E-10 | 8.01E-10 |
| 167893.761207509390 | 167893.76 | 3909288.31 | FENCEGRD | 1.27E-08 | 1.28E-08 | 1.30E-08 | 1.33E-08 | 4.93E-09 | 1.05E-08 | 9.01E-10 | 9.19E-10 | 9.35E-10 | 9.52E-10 |
| 167905.209707509390 | 167905.21 | 3909266.55 | FENCEGRD | 1.32E-08 | 1.33E-08 | 1.36E-08 | 1.38E-08 | 5.40E-09 | 1.07E-08 | 9.19E-10 | 9.38E-10 | 9.55E-10 | 9.73E-10 |
| 167916.658207509390 | 167916.66 | 3909244.78 | FENCEGRD | 1.33E-08 | 1.35E-08 | 1.37E-08 | 1.40E-08 | 5.91E-09 | 1.11E-08 | 9.58E-10 | 9.78E-10 | 9.97E-10 | 1.02E-09 |
| 167928.106707509390 | 167928.11 | 3909223.02 | FENCEGRD | 1.56E-08 | 1.60E-08 | 1.64E-08 | 1.69E-08 | 6.97E-09 | 1.27E-08 | 1.12E-09 | 1.14E-09 | 1.17E-09 | 1.19E-09 |
| 167939.555207509390 | 167939.56 | 3909201.26 | FENCEGRD | 2.06E-08 | 2.13E-08 | 2.21E-08 | 2.30E-08 | 8.23E-09 | 1.49E-08 | 1.35E-09 | 1.38E-09 | 1.41E-09 | 1.44E-09 |
| 167951.003707513909 | 167951.00 | 3909179.50 | FENCEGRD | 2.71E-08 | 2.82E-08 | 2.97E-08 | 3.13E-08 | 9.36E-09 | 1.71E-08 | 1.60E-09 | 1.64E-09 | 1.68E-09 | 1.72E-09 |
| 167962.452207513909 | 167962.45 | 3909157.74 | FENCEGRD | 3.52E-08 | 3.71E-08 | 3.96E-08 | 4.21E-08 | 1.03E-08 | 1.92E-08 | 1.86E-09 | 1.90E-09 | 1.95E-09 | 2.00E-09 |
| 167973.900707513909 | 167973.90 | 3909135.98 | FENCEGRD | 4.58E-08 | 4.86E-08 | 5.21E-08 | 5.56E-08 | 1.11E-08 | 2.12E-08 | 2.11E-09 | 2.16E-09 | 2.22E-09 | 2.27E-09 |
| 167985.349207513909 | 167985.35 | 3909114.22 | FENCEGRD | 5.70E-08 | 6.07E-08 | 6.53E-08 | 6.99E-08 | 1.18E-08 | 2.31E-08 | 2.34E-09 | 2.40E-09 | 2.46E-09 | 2.52E-09 |
| 167996.797707513909 | 167996.80 | 3909092.45 | FENCEGRD | 7.20E-08 | 7.68E-08 | 8.28E-08 | 8.85E-08 | 1.24E-08 | 2.50E-08 | 2.56E-09 | 2.62E-09 | 2.69E-09 | 2.75E-09 |
| 168008.246207513909 | 168008.25 | 3909070.69 | FENCEGRD | 8.92E-08 | 9.48E-08 | 1.02E-07 | 1.08E-07 | 1.28E-08 | 2.68E-08 | 2.78E-09 | 2.84E-09 | 2.91E-09 | 2.98E-09 |
| 168019.694707513909 | 168019.69 | 3909048.93 | FENCEGRD | 1.04E-07 | 1.10E-07 | 1.18E-07 | 1.24E-07 | 1.31E-08 | 2.87E-08 | 2.99E-09 | 3.06E-09 | 3.13E-09 | 3.20E-09 |
| 168031.143207513909 | 168031.14 | 3909027.17 | FENCEGRD | 1.18E-07 | 1.24E-07 | 1.32E-07 | 1.40E-07 | 1.33E-08 | 3.06E-08 | 3.20E-09 | 3.28E-09 | 3.36E-09 | 3.44E-09 |
| 168042.591707513909 | 168042.59 | 3909005.41 | FENCEGRD | 1.30E-07 | 1.38E-07 | 1.47E-07 | 1.56E-07 | 1.35E-08 | 3.26E-08 | 3.42E-09 | 3.50E-09 | 3.58E-09 | 3.67E-09 |
| 168054.040207513908 | 168054.04 | 3908983.65 | FENCEGRD | 1.45E-07 | 1.53E-07 | 1.63E-07 | 1.72E-07 | 1.36E-08 | 3.48E-08 | 3.63E-09 | 3.72E-09 | 3.80E-09 | 3.89E-09 |
| 167892.145675789390 | 167892.15 | 3909475.06 | FENCEGRD | 9.47E-09 | 9.45E-09 | 9.42E-09 | 9.38E-09 | 7.21E-10 | 2.64E-09 | 1.96E-10 | 1.97E-10 | 1.97E-10 | 1.98E-10 |
| 167870.721074939094 | 167870.72 | 3909484.68 | FENCEGRD | 8.88E-09 | 8.82E-09 | 8.72E-09 | 8.65E-09 | 7.19E-10 | 2.69E-09 | 1.95E-10 | 1.95E-10 | 1.96E-10 | 1.96E-10 |
| 167849.296474013909 | 167849.30 | 3909494.31 | FENCEGRD | 8.14E-09 | 8.07E-09 | 7.99E-09 | 7.93E-09 | 7.23E-10 | 2.78E-09 | 1.91E-10 | 1.91E-10 | 1.91E-10 | 1.91E-10 |
| 167827.871873123909 | 167827.87 | 3909503.93 | FENCEGRD | 7.55E-09 | 7.51E-09 | 7.47E-09 | 7.45E-09 | 7.47E-10 | 2.95E-09 | 1.87E-10 | 1.87E-10 | 1.87E-10 | 1.87E-10 |
| 167806.447272233909 | 167806.45 | 3909513.55 | FENCEGRD | 7.21E-09 | 7.22E-09 | 7.23E-09 | 7.26E-09 | 8.44E-10 | 3.40E-09 | 1.95E-10 | 1.95E-10 | 1.96E-10 | 1.96E-10 |
| 167785.022671343909 | 167785.02 | 3909523.18 | FENCEGRD | 7.16E-09 | 7.23E-09 | 7.32E-09 | 7.41E-09 | 1.17E-09 | 4.57E-09 | 2.48E-10 | 2.50E-10 | 2.52E-10 | 2.55E-10 |
| 167763.598070453909 | 167763.60 | 3909532.80 | FENCEGRD | 7.82E-09 | 8.01E-09 | 8.29E-09 | 8.55E-09 | 1.79E-09 | 6.54E-09 | 3.57E-10 | 3.63E-10 | 3.69E-10 | 3.75E-10 |
| 167742.173469563909 | 167742.17 | 3909542.42 | FENCEGRD | 1.11E-08 | 1.16E-08 | 1.23E-08 | 1.30E-08 | 2.45E-09 | 8.80E-09 | 4.93E-10 | 5.04E-10 | 5.15E-10 | 5.26E-10 |
| 167720.748868671390 | 167720.75 | 3909552.05 | FENCEGRD | 1.71E-08 | 1.81E-08 | 1.93E-08 | 2.05E-08 | 2.80E-09 | 1.06E-08 | 6.17E-10 | 6.32E-10 | 6.48E-10 | 6.65E-10 |
| 167699.324267781390 | 167699.32 | 3909561.67 | FENCEGRD | 2.35E-08 | 2.49E-08 | 2.67E-08 | 2.83E-08 | 2.84E-09 | 1.19E-08 | 7.23E-10 | 7.42E-10 | 7.63E-10 | 7.83E-10 |
| 167677.899666891390 | 167677.90 | 3909571.29 | FENCEGRD | 2.92E-08 | 3.09E-08 | 3.30E-08 | 3.48E-08 | 2.79E-09 | 1.28E-08 | 8.29E-10 | 8.50E-10 | 8.74E-10 | 8.97E-10 |
| 167656.475066001390 | 167656.48 | 3909580.92 | FENCEGRD | 3.49E-08 | 3.65E-08 | 3.84E-08 | 4.00E-08 | 2.81E-09 | 1.36E-08 | 9.40E-10 | 9.62E-10 | 9.86E-10 | 1.01E-09 |
| 167635.050465111390 | 167635.05 | 3909590.54 | FENCEGRD | 4.15E-08 | 4.28E-08 | 4.41E-08 | 4.52E-08 | 2.97E-09 | 1.44E-08 | 1.04E-09 | 1.06E-09 | 1.08E-09 | 1.09E-09 |
| 167613.625864221390 | 167613.63 | 3909600.17 | FENCEGRD | 4.53E-08 | 4.62E-08 | 4.70E-08 | 4.78E-08 | 3.24E-09 | 1.49E-08 | 1.10E-09 | 1.11E-09 | 1.12E-09 | 1.13E-09 |
| 167592.201263331390 | 167592.20 | 3909609.79 | FENCEGRD | 4.75E-08 | 4.83E-08 | 4.92E-08 | 5.02E-08 | 3.58E-09 | 1.54E-08 | 1.11E-09 | 1.12E-09 | 1.13E-09 | 1.13E-09 |
| 167570.776662442390 | 167570.78 | 3909619.41 | FENCEGRD | 5.01E-08 | 5.11E-08 | 5.26E-08 | 5.40E-08 | 3.94E-09 | 1.60E-08 | 1.13E-09 | 1.13E-09 | 1.14E-09 | 1.15E-09 |
| 167549.352061552390 | 167549.35 | 3909629.04 | FENCEGRD | 5.39E-08 | 5.55E-08 | 5.77E-08 | 5.97E-08 | 4.32E-09 | 1.71E-08 | 1.18E-09 | 1.19E-09 | 1.21E-09 | 1.23E-09 |
| 167527.927460662390 | 167527.93 | 3909638.66 | FENCEGRD | 5.93E-08 | 6.14E-08 | 6.41E-08 | 6.67E-08 | 4.77E-09 | 1.85E-08 | 1.28E-09 | 1.31E-09 | 1.33E-09 | 1.35E-09 |
| 167518.002116919390 | 167518.00 | 3909600.16 | FENCEGRD | 6.67E-08 | 6.94E-08 | 7.27E-08 | 7.59E-08 | 5.26E-09 | 2.03E-08 | 1.42E-09 | 1.45E-09 | 1.48E-09 | 1.52E-09 |
| 167385.289837416390 | 167385.29 | 3909619.12 | FENCEGRD | 9.30E-08 | 9.46E-08 | 9.60E-08 | 9.72E-08 | 8.01E-09 | 2.87E-08 | 2.11E-09 | 2.13E-09 | 2.16E-09 | 2.18E-09 |
| 167391.252787042390 | 167391.25 | 3909575.07 | FENCEGRD | 1.09E-07 | 1.11E-07 | 1.13E-07 | 1.14E-07 | 9.61E-09 | 3.25E-08 | 2.45E-09 | 2.47E-09 | 2.50E-09 | 2.53E-09 |
| 167376.772612852390 | 167376.77 | 3909556.58 | FENCEGRD | 1.19E-07 | 1.21E-07 | 1.22E-07 | | | | | | | |

16<30 Dose

| | | | | 16<30 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.158276679390 | 168005.16 | 3909291.34 | FENCEGRD | 1.07E-08 | 1.08E-08 | 1.08E-08 | 1.09E-08 | 2.22E-09 | 5.47E-09 | 4.31E-10 | 4.37E-10 | 4.43E-10 | 4.49E-10 |
| 168016.606776679390 | 168016.61 | 3909269.58 | FENCEGRD | 1.16E-08 | 1.17E-08 | 1.19E-08 | 1.20E-08 | 3.20E-09 | 7.47E-09 | 5.94E-10 | 6.05E-10 | 6.14E-10 | 6.24E-10 |
| 168028.055276679390 | 168028.06 | 3909247.82 | FENCEGRD | 1.42E-08 | 1.45E-08 | 1.49E-08 | 1.52E-08 | 4.16E-09 | 9.54E-09 | 7.64E-10 | 7.78E-10 | 7.89E-10 | 8.03E-10 |
| 168039.503776679390 | 168039.50 | 3909226.06 | FENCEGRD | 1.78E-08 | 1.83E-08 | 1.89E-08 | 1.95E-08 | 4.95E-09 | 1.13E-08 | 9.09E-10 | 9.25E-10 | 9.40E-10 | 9.56E-10 |
| 168050.952276679390 | 168050.95 | 3909204.30 | FENCEGRD | 2.18E-08 | 2.25E-08 | 2.34E-08 | 2.43E-08 | 5.65E-09 | 1.28E-08 | 1.05E-09 | 1.07E-09 | 1.09E-09 | 1.11E-09 |
| 168062.400776679390 | 168062.40 | 3909182.54 | FENCEGRD | 2.69E-08 | 2.79E-08 | 2.93E-08 | 3.07E-08 | 6.28E-09 | 1.43E-08 | 1.21E-09 | 1.23E-09 | 1.26E-09 | 1.28E-09 |
| 168073.849276679390 | 168073.85 | 3909160.77 | FENCEGRD | 3.33E-08 | 3.48E-08 | 3.67E-08 | 3.86E-08 | 6.84E-09 | 1.56E-08 | 1.37E-09 | 1.40E-09 | 1.43E-09 | 1.45E-09 |
| 168085.297776679390 | 168085.30 | 3909139.01 | FENCEGRD | 4.09E-08 | 4.29E-08 | 4.53E-08 | 4.76E-08 | 7.36E-09 | 1.69E-08 | 1.53E-09 | 1.56E-09 | 1.59E-09 | 1.62E-09 |
| 168096.746276679390 | 168096.75 | 3909117.25 | FENCEGRD | 4.92E-08 | 5.16E-08 | 5.45E-08 | 5.74E-08 | 7.85E-09 | 1.81E-08 | 1.68E-09 | 1.71E-09 | 1.74E-09 | 1.78E-09 |
| 168108.194776679390 | 168108.19 | 3909095.49 | FENCEGRD | 5.84E-08 | 6.13E-08 | 6.48E-08 | 6.81E-08 | 8.36E-09 | 1.92E-08 | 1.81E-09 | 1.85E-09 | 1.88E-09 | 1.92E-09 |
| 168119.643276679390 | 168119.64 | 3909073.73 | FENCEGRD | 6.75E-08 | 7.08E-08 | 7.47E-08 | 7.83E-08 | 8.84E-09 | 2.04E-08 | 1.94E-09 | 1.98E-09 | 2.01E-09 | 2.05E-09 |
| 168131.091776679390 | 168131.09 | 3909051.97 | FENCEGRD | 7.62E-08 | 7.97E-08 | 8.37E-08 | 8.75E-08 | 9.30E-09 | 2.16E-08 | 2.07E-09 | 2.11E-09 | 2.15E-09 | 2.18E-09 |
| 168142.540276679390 | 168142.54 | 3909030.21 | FENCEGRD | 8.38E-08 | 8.73E-08 | 9.16E-08 | 9.55E-08 | 9.73E-09 | 2.29E-08 | 2.21E-09 | 2.25E-09 | 2.29E-09 | 2.33E-09 |
| 167980.439739182390 | 167980.44 | 3909521.71 | FENCEGRD | 8.92E-09 | 9.00E-09 | 9.08E-09 | 9.15E-09 | 6.55E-10 | 2.42E-09 | 1.80E-10 | 1.80E-10 | 1.81E-10 | 1.82E-10 |
| 167958.809132514390 | 167958.81 | 3909531.43 | FENCEGRD | 8.99E-09 | 9.03E-09 | 9.06E-09 | 9.09E-09 | 6.43E-10 | 2.39E-09 | 1.79E-10 | 1.80E-10 | 1.81E-10 | 1.82E-10 |
| 167937.178525846390 | 167937.18 | 3909541.14 | FENCEGRD | 8.74E-09 | 8.74E-09 | 8.71E-09 | 8.70E-09 | 6.37E-10 | 2.39E-09 | 1.79E-10 | 1.80E-10 | 1.80E-10 | 1.81E-10 |
| 167915.547919179390 | 167915.55 | 3909550.86 | FENCEGRD | 8.22E-09 | 8.18E-09 | 8.12E-09 | 8.08E-09 | 6.34E-10 | 2.40E-09 | 1.77E-10 | 1.77E-10 | 1.77E-10 | 1.78E-10 |
| 167893.917312511390 | 167893.92 | 3909560.58 | FENCEGRD | 7.60E-09 | 7.56E-09 | 7.50E-09 | 7.46E-09 | 6.36E-10 | 2.45E-09 | 1.73E-10 | 1.73E-10 | 1.73E-10 | 1.73E-10 |
| 167872.286705843390 | 167872.29 | 3909570.29 | FENCEGRD | 7.09E-09 | 7.07E-09 | 7.03E-09 | 7.02E-09 | 6.61E-10 | 2.60E-09 | 1.70E-10 | 1.70E-10 | 1.70E-10 | 1.70E-10 |
| 167850.656099176390 | 167850.66 | 3909580.01 | FENCEGRD | 6.76E-09 | 6.76E-09 | 6.77E-09 | 6.78E-09 | 7.61E-10 | 3.03E-09 | 1.81E-10 | 1.82E-10 | 1.82E-10 | 1.83E-10 |
| 167829.025492508390 | 167829.03 | 3909589.72 | FENCEGRD | 6.65E-09 | 6.69E-09 | 6.74E-09 | 6.79E-09 | 1.03E-09 | 3.96E-09 | 2.25E-10 | 2.27E-10 | 2.28E-10 | 2.30E-10 |
| 167807.394885843909 | 167807.39 | 3909599.44 | FENCEGRD | 7.15E-09 | 7.27E-09 | 7.45E-09 | 7.62E-09 | 1.45E-09 | 5.38E-09 | 3.00E-10 | 3.04E-10 | 3.07E-10 | 3.11E-10 |
| 167785.764279173390 | 167785.76 | 3909609.16 | FENCEGRD | 9.51E-09 | 9.84E-09 | 1.03E-08 | 1.07E-08 | 1.91E-09 | 7.10E-09 | 3.95E-10 | 4.01E-10 | 4.07E-10 | 4.14E-10 |
| 167764.133672505390 | 167764.13 | 3909618.87 | FENCEGRD | 1.43E-08 | 1.49E-08 | 1.58E-08 | 1.66E-08 | 2.21E-09 | 8.69E-09 | 4.87E-10 | 4.96E-10 | 5.05E-10 | 5.15E-10 |
| 167742.503065837390 | 167742.50 | 3909628.59 | FENCEGRD | 1.99E-08 | 2.08E-08 | 2.20E-08 | 2.31E-08 | 2.25E-09 | 9.86E-09 | 5.61E-10 | 5.72E-10 | 5.84E-10 | 5.96E-10 |
| 167720.872459173909 | 167720.87 | 3909638.30 | FENCEGRD | 2.50E-08 | 2.62E-08 | 2.77E-08 | 2.90E-08 | 2.18E-09 | 1.07E-08 | 6.27E-10 | 6.39E-10 | 6.53E-10 | 6.67E-10 |
| 167699.241852502390 | 167699.24 | 3909648.02 | FENCEGRD | 2.96E-08 | 3.10E-08 | 3.26E-08 | 3.40E-08 | 2.14E-09 | 1.13E-08 | 6.94E-10 | 7.08E-10 | 7.24E-10 | 7.39E-10 |
| 167677.611245834390 | 167677.61 | 3909657.74 | FENCEGRD | 3.40E-08 | 3.54E-08 | 3.69E-08 | 3.83E-08 | 2.19E-09 | 1.20E-08 | 7.67E-10 | 7.82E-10 | 7.99E-10 | 8.15E-10 |
| 167655.980639167390 | 167655.98 | 3909667.45 | FENCEGRD | 3.79E-08 | 3.91E-08 | 4.04E-08 | 4.14E-08 | 2.34E-09 | 1.25E-08 | 8.42E-10 | 8.56E-10 | 8.72E-10 | 8.86E-10 |
| 167634.350032499390 | 167634.35 | 3909677.17 | FENCEGRD | 4.11E-08 | 4.20E-08 | 4.30E-08 | 4.38E-08 | 2.60E-09 | 1.31E-08 | 9.13E-10 | 9.25E-10 | 9.37E-10 | 9.48E-10 |
| 167612.719425831390 | 167612.72 | 3909686.88 | FENCEGRD | 4.30E-08 | 4.37E-08 | 4.46E-08 | 4.54E-08 | 2.95E-09 | 1.37E-08 | 9.69E-10 | 9.78E-10 | 9.86E-10 | 9.95E-10 |
| 167591.088819164390 | 167591.09 | 3909696.60 | FENCEGRD | 4.49E-08 | 4.58E-08 | 4.68E-08 | 4.78E-08 | 3.37E-09 | 1.44E-08 | 1.02E-09 | 1.02E-09 | 1.03E-09 | 1.04E-09 |
| 167569.458212496390 | 167569.46 | 3909706.32 | FENCEGRD | 4.79E-08 | 4.90E-08 | 5.05E-08 | 5.19E-08 | 3.85E-09 | 1.53E-08 | 1.08E-09 | 1.09E-09 | 1.10E-09 | 1.11E-09 |
| 167547.827605829390 | 167547.83 | 3909716.03 | FENCEGRD | 5.02E-08 | 5.16E-08 | 5.35E-08 | 5.53E-08 | 4.19E-09 | 1.62E-08 | 1.13E-09 | 1.14E-09 | 1.16E-09 | 1.18E-09 |
| 167482.935785826390 | 167482.94 | 3909745.18 | FENCEGRD | 5.46E-08 | 5.54E-08 | 5.62E-08 | 5.69E-08 | 4.03E-09 | 1.81E-08 | 1.21E-09 | 1.22E-09 | 1.23E-09 | 1.25E-09 |
| 167461.305179158390 | 167461.31 | 3909754.90 | FENCEGRD | 5.37E-08 | 5.45E-08 | 5.54E-08 | 5.60E-08 | 4.03E-09 | 1.80E-08 | 1.21E-09 | 1.22E-09 | 1.23E-09 | 1.24E-09 |
| 167425.055165856390 | 167425.06 | 3909745.94 | FENCEGRD | 5.76E-08 | 5.84E-08 | 5.93E-08 | 6.00E-08 | 4.53E-09 | 1.93E-08 | 1.32E-09 | 1.33E-09 | 1.35E-09 | 1.36E-09 |
| 167410.435759222390 | 167410.44 | 3909727.27 | FENCEGRD | 6.17E-08 | 6.26E-08 | 6.35E-08 | 6.43E-08 | 4.98E-09 | 2.05E-08 | 1.42E-09 | 1.44E-09 | 1.45E-09 | 1.46E-09 |
| 167395.816352588390 | 167395.82 | 3909708.60 | FENCEGRD | 6.61E-08 | 6.71E-08 | 6.81E-08 | 6.89E-08 | 5.46E-09 | 2.17E-08 | 1.53E-09 | 1.54E-09 | 1.56E-09 | 1.57E-09 |
| 167381.196945953390 | 167381.20 | 3909689.93 | FENCEGRD | 7.06E-08 | 7.17E-08 | 7.29E-08 | 7.38E-08 | 5.99E-09 | 2.29E-08 | 1.64E-09 | 1.65E-09 | 1.67E-09 | 1.68E-09 |
| 167366.577539319390 | 167366.58 | 3909671.26 | FENCEGRD | 7.70E-08 | 7.82E-08 | 7.94E-08 | 8.04E-08 | 6.70E-09 | 2.47E-08 | 1.79E-09 | 1.80E-09 | 1.82E-09 | 1.84E-09 |
| 167351.958132685390 | 167351.96 | 3909652.59 | FENCEGRD | 8.51E-08 | 8.64E-08 | 8.76E-08 | 8.86E-08 | 7.60E-09 | 2.70E-08 | 1.99E-09 | 2.00E-09 | 2.02E-09 | 2.04E-09 |
| 167337.338726051390 | 167337.34 | 3909633.92 | FENCEGRD | 9.43E-08 | 9.55E-08 | 9.66E-08 | 9.75E-08 | 8.61E-09 | 2.96E-08 | 2.21E-09 | 2.23E-09 | 2.25E-09 | 2.27E-09 |
| 167322.719319416390 | 167322.72 | 3909615.25 | FENCEGRD | 1.02E-07 | 1.04E-07 | 1.05E-07 | 1.05E-07 | 9.58E-09 | 3.20E-08 | 2.42E-09 | 2.44E-09 | 2.46E-09 | 2.47E-09 |
| 167308.099912782390 | 167308.10 | 3909596.58 | FENCEGRD | 1.10E-07 | 1.11E-07 | 1.12E-07 | 1.12E-07 | 1.06E-08 | 3.41E-08 | 2.60E-09 | 2.62E-09 | 2.64E-09 | 2.65E-09 |
| 167293.480506148390 | 167293.48 | 3909577.92 | FENCEGRD | 1.16E-07 | 1.17E-07 | 1.18E-07 | 1.19E-07 | 1.17E-08 | 3.60E-08 | 2.76E-09 | 2.78E-09 | 2.80E-09 | 2.82E-09 |
| 167278.861099514390 | 167278.86 | 3909559.25 | FENCEGRD | 1.23E-07 | 1.24E-07 | 1.25E-07 | 1.26E-07 | 1.31E-08 | 3.79E-08 | 2.96E-09 | 2.98E-09 | 3.00E-09 | 3.03E-09 |
| 167264.241692879390 | 167264.24 | 3909540.58 | FENCEGRD | 1.32E-07 | 1.34E-07 | 1.35E-07 | 1.37E-07 | 1.45E-08 | 4.04E-08 | 3.23E-09 | 3.25E-09 | 3.29E-09 | 3.32E-09 |
| 167249.622286245390 | 167249.62 | 3909521.91 | FENCEGRD | 1.43E-07 | 1.45E-07 | 1.46E-07 | 1.48E-07 | 1.55E-08 | 4.30E-08 | 3.53E-09 | 3.56E-09 | 3.60E-09 | 3.64E-09 |
| 167235.002879611390 | 167235.00 | 3909503.24 | FENCEGRD | 1.53E-07 | 1.55E-07 | 1.57E-07 | 1.59E-07 | 1.60E-08 | 4.58E-08 | 3.84E-09 | 3.87E-09 | 3.91E-09 | 3.94E-09 |
| 167220.383472977390 | 167220.38 | 3909484.57 | FENCEGRD | 1.65E-07 | 1.67E-07 | 1.68E-07 | 1.69E-07 | 1.58E-08 | 4.87E-08 | 4.13E-09 | 4.16E-09 | 4.18E-09 | 4.21E-09 |
| 167205.764066342390 | 167205.76 | 3909465.90 | FENCEGRD | 1.74E-07 | 1.76E-07 | 1.76E-07 | 1.77E-07 | 1.51E-08 | 5.14E-08 | 4.32E-09 | 4.34E-09 | 4.35E-09 | 4.36E-09 |
| 167191.144659708390 | 167191.14 | 3909447.23 | FENCEGRD | 1.82E-07 | 1.82E-07 | 1.81E-07 | 1.81E-07 | 1.40E-08 | 5.38E-08 | 4.42E-09 | 4.42E-09 | 4.41E-09 | 4.41E-09 |
| 167176.525253074390 | 167176.53 | 3909428.56 | FENCEGRD | 1.86E-07 | 1.85E-07 | 1.84E-07 | 1.82E-07 | 1.28E-08 | 5.58E-08 | 4.41E-09 | 4.39E-09 | 4.38E-09 | 4.36E-09 |
| 167161.905846443909 | 167161.91 | 3909409.89 | FENCEGRD | 1.87E-07 | 1.85E-07 | 1.82E-07 | 1.80E-07 | 1.16E-08 | 5.73E-08 | 4.31E-09 | 4.28E-09 | 4.25E-09 | 4.22E-09 |
| 167147.286439805390 | 167147.29 | 3909391.22 | FENCEGRD | 1.85E-07 | 1.82E-07 | 1.79E-07 | 1.76E-07 | 1.03E-08 | 5.82E-08 | 4.14E-09 | 4.10E-09 | 4.06E-09 | 4.02E-09 |
| 167132.667033171390 | 167132.67 | 3909372.55 | FENCEGRD | 1.79E-07 | 1.76E-07 | 1.72E-07 | 1.68E-07 | 9.09E-09 | 5.82E-08 | 3.91E-09 | 3.86E-09 | 3.82E-09 | 3.77E-09 |
| 167118.047626537390 | 167118.05 | 3909353.88 | FENCEGRD | 1.71E-07 | 1.67E-07 | 1.63E-07 | 1.59E-07 | 7.93E-09 | 5.75E-08 | 3.64E-09 | 3.59E-09 | 3.55E-09 | 3.50E-09 |
| 167103.428219903390 | 167103.43 | 3909335.21 | FENCEGRD | 1.61E-07 | 1.57E-07 | 1.53E-07 | 1.49E-07 | 6.87E-09 | 5.63E-08 | 3.37E-09 | 3.32E-09 | 3.27E-09 | 3.23E-09 |
| 167088.808813268390 | 167088.81 | 3909316.54 | FENCEGRD | 1.51E-07 | 1.47E-07 | 1.42E-07 | 1.39E-07 | 5.91E-09 | 5.46E-08 | 3.09E-09 | 3.05E-09 | 3.00E-09 | 2.96E-09 |
| 167074.189406634390 | 167074.19 | 3909297.87 | FENCEGRD | 1.39E-07 | 1.35E-07 | 1.31E-07 | 1.28E-07 | 5.05E-09 | 5.25E-08 | 2.82E-09 | 2.78E-09 | 2.74E-09 | 2.70E-09 |
| 168002.070345849390 | 168002.07 | 3909511.99 | FENCEGRD | 8.66E-09 | 8.75E-09 | 8.85E-09 | | | | | | | |

16<30 Dose

| | | | | 16<30 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168025.259938113390 | 168025.26 | 3909587.89 | FENCEGRD | 9.27E-09 | 9.38E-09 | 9.52E-09 | 9.65E-09 | 1.28E-09 | 4.36E-09 | 3.41E-10 | 3.45E-10 | 3.49E-10 | 3.52E-10 |
| 168003.489779144390 | 168003.49 | 3909597.67 | FENCEGRD | 9.15E-09 | 9.22E-09 | 9.32E-09 | 9.40E-09 | 1.27E-09 | 4.32E-09 | 3.43E-10 | 3.47E-10 | 3.50E-10 | 3.54E-10 |
| 167981.719620175390 | 167981.72 | 3909607.45 | FENCEGRD | 8.81E-09 | 8.86E-09 | 8.90E-09 | 8.95E-09 | 1.27E-09 | 4.31E-09 | 3.43E-10 | 3.47E-10 | 3.50E-10 | 3.53E-10 |
| 167959.949461207390 | 167959.95 | 3909617.23 | FENCEGRD | 8.10E-09 | 8.10E-09 | 8.11E-09 | 8.12E-09 | 1.19E-09 | 4.10E-09 | 3.21E-10 | 3.24E-10 | 3.26E-10 | 3.28E-10 |
| 167938.179302238390 | 167938.18 | 3909627.00 | FENCEGRD | 7.37E-09 | 7.36E-09 | 7.35E-09 | 7.36E-09 | 1.11E-09 | 3.87E-09 | 2.91E-10 | 2.93E-10 | 2.94E-10 | 2.96E-10 |
| 167916.409143269390 | 167916.41 | 3909636.78 | FENCEGRD | 6.99E-09 | 7.00E-09 | 7.02E-09 | 7.05E-09 | 1.16E-09 | 4.01E-09 | 2.87E-10 | 2.89E-10 | 2.90E-10 | 2.91E-10 |
| 167894.638984339090 | 167894.64 | 3909646.56 | FENCEGRD | 6.99E-09 | 7.03E-09 | 7.10E-09 | 7.17E-09 | 1.29E-09 | 4.43E-09 | 2.99E-10 | 3.01E-10 | 3.02E-10 | 3.04E-10 |
| 167872.868825332390 | 167872.87 | 3909656.34 | FENCEGRD | 7.62E-09 | 7.74E-09 | 7.89E-09 | 8.05E-09 | 1.51E-09 | 5.15E-09 | 3.29E-10 | 3.32E-10 | 3.33E-10 | 3.36E-10 |
| 167851.098666363390 | 167851.10 | 3909666.12 | FENCEGRD | 9.52E-09 | 9.76E-09 | 1.01E-08 | 1.04E-08 | 1.78E-09 | 6.16E-09 | 3.75E-10 | 3.78E-10 | 3.81E-10 | 3.84E-10 |
| 167829.328507394390 | 167829.33 | 3909675.90 | FENCEGRD | 1.29E-08 | 1.33E-08 | 1.38E-08 | 1.44E-08 | 1.96E-09 | 7.20E-09 | 4.20E-10 | 4.24E-10 | 4.28E-10 | 4.32E-10 |
| 167807.558348426390 | 167807.56 | 3909685.68 | FENCEGRD | 1.67E-08 | 1.72E-08 | 1.80E-08 | 1.87E-08 | 1.97E-09 | 8.03E-09 | 4.51E-10 | 4.56E-10 | 4.62E-10 | 4.67E-10 |
| 167785.788189457390 | 167785.79 | 3909695.46 | FENCEGRD | 2.01E-08 | 2.08E-08 | 2.17E-08 | 2.25E-08 | 1.88E-09 | 8.67E-09 | 4.78E-10 | 4.84E-10 | 4.91E-10 | 4.98E-10 |
| 167764.018030488390 | 167764.02 | 3909705.23 | FENCEGRD | 2.30E-08 | 2.38E-08 | 2.48E-08 | 2.57E-08 | 1.80E-09 | 9.25E-09 | 5.12E-10 | 5.20E-10 | 5.28E-10 | 5.37E-10 |
| 167742.247871519390 | 167742.25 | 3909715.01 | FENCEGRD | 2.60E-08 | 2.69E-08 | 2.81E-08 | 2.91E-08 | 1.77E-09 | 9.86E-09 | 5.58E-10 | 5.67E-10 | 5.77E-10 | 5.87E-10 |
| 167720.477712551390 | 167720.48 | 3909724.79 | FENCEGRD | 2.91E-08 | 3.01E-08 | 3.15E-08 | 3.26E-08 | 1.81E-09 | 1.05E-08 | 6.14E-10 | 6.25E-10 | 6.37E-10 | 6.49E-10 |
| 167698.707553582390 | 167698.71 | 3909734.57 | FENCEGRD | 3.24E-08 | 3.35E-08 | 3.49E-08 | 3.60E-08 | 1.94E-09 | 1.11E-08 | 6.82E-10 | 6.94E-10 | 7.07E-10 | 7.20E-10 |
| 167676.937394613390 | 167676.94 | 3909744.35 | FENCEGRD | 3.56E-08 | 3.68E-08 | 3.81E-08 | 3.92E-08 | 2.15E-09 | 1.18E-08 | 7.58E-10 | 7.71E-10 | 7.84E-10 | 7.98E-10 |
| 167655.167235645390 | 167655.17 | 3909754.13 | FENCEGRD | 3.84E-08 | 3.94E-08 | 4.06E-08 | 4.16E-08 | 2.43E-09 | 1.24E-08 | 8.34E-10 | 8.47E-10 | 8.60E-10 | 8.72E-10 |
| 167633.397076676390 | 167633.40 | 3909763.91 | FENCEGRD | 4.04E-08 | 4.13E-08 | 4.23E-08 | 4.32E-08 | 2.77E-09 | 1.30E-08 | 9.01E-10 | 9.12E-10 | 9.23E-10 | 9.34E-10 |
| 167611.626917707390 | 167611.63 | 3909773.69 | FENCEGRD | 4.22E-08 | 4.31E-08 | 4.41E-08 | 4.51E-08 | 3.17E-09 | 1.36E-08 | 9.65E-10 | 9.75E-10 | 9.84E-10 | 9.94E-10 |
| 167524.546281832390 | 167524.55 | 3909812.80 | FENCEGRD | 4.52E-08 | 4.58E-08 | 4.63E-08 | 4.67E-08 | 3.55E-09 | 1.52E-08 | 1.04E-09 | 1.04E-09 | 1.05E-09 | 1.05E-09 |
| 167502.776122863390 | 167502.78 | 3909822.58 | FENCEGRD | 4.50E-08 | 4.55E-08 | 4.60E-08 | 4.65E-08 | 3.49E-09 | 1.55E-08 | 1.03E-09 | 1.04E-09 | 1.04E-09 | 1.05E-09 |
| 167481.005963895390 | 167481.01 | 3909832.36 | FENCEGRD | 4.54E-08 | 4.60E-08 | 4.66E-08 | 4.71E-08 | 3.53E-09 | 1.58E-08 | 1.05E-09 | 1.06E-09 | 1.07E-09 | 1.08E-09 |
| 167459.235804926390 | 167459.24 | 3909842.14 | FENCEGRD | 4.59E-08 | 4.65E-08 | 4.71E-08 | 4.77E-08 | 3.61E-09 | 1.62E-08 | 1.08E-09 | 1.09E-09 | 1.10E-09 | 1.11E-09 |
| 167437.465645957390 | 167437.47 | 3909851.92 | FENCEGRD | 4.57E-08 | 4.63E-08 | 4.69E-08 | 4.74E-08 | 3.64E-09 | 1.62E-08 | 1.09E-09 | 1.09E-09 | 1.10E-09 | 1.11E-09 |
| 167400.981761602390 | 167400.98 | 3909842.90 | FENCEGRD | 4.66E-08 | 4.72E-08 | 4.78E-08 | 4.83E-08 | 3.85E-09 | 1.65E-08 | 1.12E-09 | 1.13E-09 | 1.14E-09 | 1.15E-09 |
| 167386.268036215390 | 167386.27 | 3909824.11 | FENCEGRD | 4.89E-08 | 4.96E-08 | 5.02E-08 | 5.08E-08 | 4.12E-09 | 1.72E-08 | 1.18E-09 | 1.19E-09 | 1.20E-09 | 1.21E-09 |
| 167371.554310828390 | 167371.55 | 3909805.32 | FENCEGRD | 5.24E-08 | 5.31E-08 | 5.38E-08 | 5.44E-08 | 4.49E-09 | 1.82E-08 | 1.27E-09 | 1.28E-09 | 1.29E-09 | 1.30E-09 |
| 167356.840585442390 | 167356.84 | 3909786.53 | FENCEGRD | 5.61E-08 | 5.69E-08 | 5.76E-08 | 5.83E-08 | 4.89E-09 | 1.94E-08 | 1.36E-09 | 1.37E-09 | 1.38E-09 | 1.39E-09 |
| 167342.126860055390 | 167342.13 | 3909767.74 | FENCEGRD | 5.98E-08 | 6.07E-08 | 6.15E-08 | 6.22E-08 | 5.31E-09 | 2.04E-08 | 1.45E-09 | 1.46E-09 | 1.48E-09 | 1.49E-09 |
| 167327.413134668390 | 167327.41 | 3909748.95 | FENCEGRD | 6.37E-08 | 6.46E-08 | 6.56E-08 | 6.64E-08 | 5.78E-09 | 2.16E-08 | 1.55E-09 | 1.56E-09 | 1.58E-09 | 1.59E-09 |
| 167312.699409281390 | 167312.70 | 3909730.16 | FENCEGRD | 6.79E-08 | 6.88E-08 | 6.98E-08 | 7.06E-08 | 6.30E-09 | 2.28E-08 | 1.66E-09 | 1.67E-09 | 1.69E-09 | 1.70E-09 |
| 167297.985683895390 | 167297.99 | 3909711.37 | FENCEGRD | 7.27E-08 | 7.37E-08 | 7.46E-08 | 7.54E-08 | 6.87E-09 | 2.42E-08 | 1.78E-09 | 1.80E-09 | 1.81E-09 | 1.83E-09 |
| 167283.271958508390 | 167283.27 | 3909692.58 | FENCEGRD | 7.80E-08 | 7.89E-08 | 7.98E-08 | 8.05E-08 | 7.48E-09 | 2.58E-08 | 1.92E-09 | 1.93E-09 | 1.95E-09 | 1.96E-09 |
| 167268.558233121390 | 167268.56 | 3909673.79 | FENCEGRD | 8.40E-08 | 8.48E-08 | 8.55E-08 | 8.62E-08 | 8.17E-09 | 2.77E-08 | 2.07E-09 | 2.08E-09 | 2.10E-09 | 2.11E-09 |
| 167253.844507735390 | 167253.84 | 3909655.00 | FENCEGRD | 8.97E-08 | 9.05E-08 | 9.12E-08 | 9.18E-08 | 8.96E-09 | 2.95E-08 | 2.22E-09 | 2.23E-09 | 2.25E-09 | 2.26E-09 |
| 167239.130782348390 | 167239.13 | 3909636.21 | FENCEGRD | 9.53E-08 | 9.61E-08 | 9.69E-08 | 9.76E-08 | 9.87E-09 | 3.12E-08 | 2.37E-09 | 2.38E-09 | 2.40E-09 | 2.42E-09 |
| 167224.417056961390 | 167224.42 | 3909617.42 | FENCEGRD | 1.01E-07 | 1.02E-07 | 1.03E-07 | 1.04E-07 | 1.09E-08 | 3.29E-08 | 2.54E-09 | 2.55E-09 | 2.58E-09 | 2.60E-09 |
| 167209.703331574390 | 167209.70 | 3909598.63 | FENCEGRD | 1.08E-07 | 1.09E-07 | 1.10E-07 | 1.12E-07 | 1.20E-08 | 3.48E-08 | 2.74E-09 | 2.76E-09 | 2.79E-09 | 2.81E-09 |
| 167194.989606188390 | 167194.99 | 3909579.84 | FENCEGRD | 1.16E-07 | 1.17E-07 | 1.19E-07 | 1.20E-07 | 1.30E-08 | 3.69E-08 | 2.97E-09 | 3.00E-09 | 3.03E-09 | 3.06E-09 |
| 167180.275880801390 | 167180.28 | 3909561.05 | FENCEGRD | 1.25E-07 | 1.26E-07 | 1.28E-07 | 1.29E-07 | 1.36E-08 | 3.93E-08 | 3.22E-09 | 3.25E-09 | 3.28E-09 | 3.31E-09 |
| 167165.562155414390 | 167165.56 | 3909542.26 | FENCEGRD | 1.34E-07 | 1.35E-07 | 1.37E-07 | 1.38E-07 | 1.39E-08 | 4.18E-08 | 3.47E-09 | 3.50E-09 | 3.53E-09 | 3.55E-09 |
| 167150.848430027390 | 167150.85 | 3909523.47 | FENCEGRD | 1.43E-07 | 1.44E-07 | 1.45E-07 | 1.46E-07 | 1.38E-08 | 4.45E-08 | 3.69E-09 | 3.71E-09 | 3.72E-09 | 3.74E-09 |
| 167136.134704641390 | 167136.13 | 3909504.68 | FENCEGRD | 1.50E-07 | 1.51E-07 | 1.51E-07 | 1.51E-07 | 1.33E-08 | 4.69E-08 | 3.83E-09 | 3.84E-09 | 3.85E-09 | 3.85E-09 |
| 167121.420979254390 | 167121.42 | 3909485.89 | FENCEGRD | 1.56E-07 | 1.56E-07 | 1.55E-07 | 1.55E-07 | 1.27E-08 | 4.91E-08 | 3.91E-09 | 3.90E-09 | 3.90E-09 | 3.89E-09 |
| 167106.707253867390 | 167106.71 | 3909467.10 | FENCEGRD | 1.60E-07 | 1.59E-07 | 1.57E-07 | 1.56E-07 | 1.19E-08 | 5.11E-08 | 3.92E-09 | 3.90E-09 | 3.89E-09 | 3.87E-09 |
| 167091.993528481390 | 167091.99 | 3909448.31 | FENCEGRD | 1.61E-07 | 1.59E-07 | 1.57E-07 | 1.55E-07 | 1.10E-08 | 5.26E-08 | 3.86E-09 | 3.84E-09 | 3.81E-09 | 3.79E-09 |
| 167077.279803094390 | 167077.28 | 3909429.52 | FENCEGRD | 1.59E-07 | 1.57E-07 | 1.54E-07 | 1.52E-07 | 1.01E-08 | 5.31E-08 | 3.73E-09 | 3.70E-09 | 3.67E-09 | 3.64E-09 |
| 167062.566077707390 | 167062.57 | 3909410.73 | FENCEGRD | 1.54E-07 | 1.52E-07 | 1.49E-07 | 1.46E-07 | 9.11E-09 | 5.30E-08 | 3.55E-09 | 3.52E-09 | 3.48E-09 | 3.45E-09 |
| 167047.852352323909 | 167047.85 | 3909391.94 | FENCEGRD | 1.48E-07 | 1.45E-07 | 1.42E-07 | 1.39E-07 | 8.19E-09 | 5.24E-08 | 3.35E-09 | 3.31E-09 | 3.27E-09 | 3.24E-09 |
| 167033.138626934390 | 167033.14 | 3909373.15 | FENCEGRD | 1.41E-07 | 1.38E-07 | 1.34E-07 | 1.32E-07 | 7.31E-09 | 5.13E-08 | 3.13E-09 | 3.09E-09 | 3.06E-09 | 3.02E-09 |
| 167018.424901547390 | 167018.42 | 3909354.36 | FENCEGRD | 1.33E-07 | 1.30E-07 | 1.26E-07 | 1.24E-07 | 6.48E-09 | 4.99E-08 | 2.92E-09 | 2.88E-09 | 2.84E-09 | 2.81E-09 |
| 167003.711176163909 | 167003.71 | 3909335.57 | FENCEGRD | 1.25E-07 | 1.22E-07 | 1.18E-07 | 1.15E-07 | 5.71E-09 | 4.83E-08 | 2.70E-09 | 2.67E-09 | 2.64E-09 | 2.60E-09 |
| 166988.997450773390 | 166989.00 | 3909316.78 | FENCEGRD | 1.16E-07 | 1.13E-07 | 1.10E-07 | 1.07E-07 | 4.99E-09 | 4.63E-08 | 2.50E-09 | 2.46E-09 | 2.43E-09 | 2.40E-09 |
| 166974.283725387390 | 166974.28 | 3909297.99 | FENCEGRD | 1.07E-07 | 1.04E-07 | 1.01E-07 | 9.90E-08 | 4.35E-09 | 4.42E-08 | 2.30E-09 | 2.26E-09 | 2.24E-09 | 2.21E-09 |
| 168090.570415019390 | 168090.57 | 3909558.55 | FENCEGRD | 9.14E-09 | 9.29E-09 | 9.48E-09 | 9.66E-09 | 1.35E-09 | 4.70E-09 | 3.50E-10 | 3.54E-10 | 3.57E-10 | 3.61E-10 |
| 168102.018915019390 | 168102.02 | 3909536.79 | FENCEGRD | 8.59E-09 | 8.71E-09 | 8.86E-09 | 9.00E-09 | 1.27E-09 | 4.49E-09 | 3.31E-10 | 3.35E-10 | 3.38E-10 | 3.42E-10 |
| 168113.467415019390 | 168113.47 | 3909515.03 | FENCEGRD | 8.26E-09 | 8.37E-09 | 8.50E-09 | 8.63E-09 | 1.23E-09 | 4.39E-09 | 3.24E-10 | 3.28E-10 | 3.31E-10 | 3.34E-10 |
| 168124.915915019390 | 168124.92 | 3909493.27 | FENCEGRD | 8.15E-09 | 8.25E-09 | 8.38E-09 | 8.50E-09 | 1.23E-09 | 4.45E-09 | 3.30E-10 | 3.34E-10 | 3.37E-10 | 3.40E-10 |
| 168136.364415019390 | 168136.36 | 3909471.51 | FENCEGRD | 8.33E-09 | 8.43E-09 | 8.55E-09 | 8.67E-09 | 1.27E-09 | 4.60E-09 | 3.41E-10 | 3.45E-10 | 3.48E-10 | 3.52E-10 |
| 168147.812915019390 | 168147.81 | 3909449.75 | FENCEGRD | 9.02E-09 | 9.14E-09 | 9.27E-09 | 9.41E-09 | 1.36E-09 | 4.96E-09 | 3.66E-10 | 3.70E-10 | 3.73E-10 | 3.77E-10 |
| 168159.261415019390 | 168159.26 | 3909427.98 | FENCEGRD | 9.81E-09 | 9.95E-09 | 1.01E-08 | | | | | | | |

16<30 Dose

| | | | | 16<30 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167982.231963513390 | 167982.23 | 3909693.53 | FENCEGRD | 1.42E-08 | 1.44E-08 | 1.47E-08 | 1.49E-08 | 1.74E-09 | 5.95E-09 | 4.65E-10 | 4.67E-10 | 4.68E-10 | 4.70E-10 |
| 167960.361016772390 | 167960.36 | 3909703.35 | FENCEGRD | 1.38E-08 | 1.40E-08 | 1.43E-08 | 1.45E-08 | 1.77E-09 | 5.99E-09 | 4.50E-10 | 4.51E-10 | 4.52E-10 | 4.53E-10 |
| 167938.490070033909 | 167938.49 | 3909713.18 | FENCEGRD | 1.36E-08 | 1.39E-08 | 1.42E-08 | 1.44E-08 | 1.80E-09 | 6.06E-09 | 4.31E-10 | 4.33E-10 | 4.33E-10 | 4.34E-10 |
| 167916.619123288390 | 167916.62 | 3909723.00 | FENCEGRD | 1.42E-08 | 1.44E-08 | 1.48E-08 | 1.51E-08 | 1.82E-09 | 6.24E-09 | 4.17E-10 | 4.18E-10 | 4.19E-10 | 4.21E-10 |
| 167894.748176546390 | 167894.75 | 3909732.82 | FENCEGRD | 1.50E-08 | 1.53E-08 | 1.57E-08 | 1.61E-08 | 1.81E-09 | 6.49E-09 | 4.06E-10 | 4.08E-10 | 4.10E-10 | 4.12E-10 |
| 167872.877229805390 | 167872.88 | 3909742.65 | FENCEGRD | 1.58E-08 | 1.61E-08 | 1.66E-08 | 1.70E-08 | 1.76E-09 | 6.77E-09 | 4.01E-10 | 4.04E-10 | 4.06E-10 | 4.09E-10 |
| 167851.006283063390 | 167851.01 | 3909752.47 | FENCEGRD | 1.69E-08 | 1.73E-08 | 1.78E-08 | 1.83E-08 | 1.70E-09 | 7.14E-09 | 4.05E-10 | 4.09E-10 | 4.12E-10 | 4.16E-10 |
| 167829.135336321390 | 167829.14 | 3909762.30 | FENCEGRD | 1.82E-08 | 1.87E-08 | 1.94E-08 | 2.00E-08 | 1.63E-09 | 7.57E-09 | 4.18E-10 | 4.22E-10 | 4.27E-10 | 4.32E-10 |
| 167807.264389583909 | 167807.26 | 3909772.12 | FENCEGRD | 1.99E-08 | 2.05E-08 | 2.13E-08 | 2.20E-08 | 1.58E-09 | 8.05E-09 | 4.40E-10 | 4.46E-10 | 4.52E-10 | 4.58E-10 |
| 167785.393442838390 | 167785.39 | 3909781.94 | FENCEGRD | 2.19E-08 | 2.26E-08 | 2.34E-08 | 2.42E-08 | 1.56E-09 | 8.57E-09 | 4.72E-10 | 4.79E-10 | 4.86E-10 | 4.94E-10 |
| 167763.522496096390 | 167763.52 | 3909791.77 | FENCEGRD | 2.39E-08 | 2.47E-08 | 2.56E-08 | 2.65E-08 | 1.59E-09 | 9.09E-09 | 5.12E-10 | 5.20E-10 | 5.28E-10 | 5.37E-10 |
| 167741.651549354390 | 167741.65 | 3909801.59 | FENCEGRD | 2.60E-08 | 2.69E-08 | 2.79E-08 | 2.89E-08 | 1.66E-09 | 9.61E-09 | 5.58E-10 | 5.67E-10 | 5.77E-10 | 5.86E-10 |
| 167719.780602613390 | 167719.78 | 3909811.42 | FENCEGRD | 2.83E-08 | 2.92E-08 | 3.04E-08 | 3.14E-08 | 1.78E-09 | 1.01E-08 | 6.11E-10 | 6.21E-10 | 6.32E-10 | 6.43E-10 |
| 167697.909655871390 | 167697.91 | 3909821.24 | FENCEGRD | 3.07E-08 | 3.17E-08 | 3.28E-08 | 3.38E-08 | 1.95E-09 | 1.07E-08 | 6.71E-10 | 6.82E-10 | 6.94E-10 | 7.05E-10 |
| 167676.038709129390 | 167676.04 | 3909831.07 | FENCEGRD | 3.30E-08 | 3.39E-08 | 3.50E-08 | 3.59E-08 | 2.18E-09 | 1.12E-08 | 7.35E-10 | 7.46E-10 | 7.57E-10 | 7.69E-10 |
| 167654.167762388390 | 167654.17 | 3909840.89 | FENCEGRD | 3.55E-08 | 3.63E-08 | 3.73E-08 | 3.82E-08 | 2.50E-09 | 1.19E-08 | 8.10E-10 | 8.21E-10 | 8.32E-10 | 8.42E-10 |
| 167566.683975421390 | 167566.68 | 3909880.19 | FENCEGRD | 3.81E-08 | 3.89E-08 | 3.94E-08 | 3.96E-08 | 3.14E-09 | 1.31E-08 | 9.25E-10 | 9.30E-10 | 9.34E-10 | 9.35E-10 |
| 167544.813028679390 | 167544.81 | 3909890.01 | FENCEGRD | 3.79E-08 | 3.81E-08 | 3.83E-08 | 3.84E-08 | 3.06E-09 | 1.33E-08 | 8.95E-10 | 8.96E-10 | 8.98E-10 | 9.00E-10 |
| 167522.942081937390 | 167522.94 | 3909899.83 | FENCEGRD | 3.69E-08 | 3.71E-08 | 3.74E-08 | 3.76E-08 | 2.97E-09 | 1.31E-08 | 8.68E-10 | 8.70E-10 | 8.73E-10 | 8.76E-10 |
| 167501.071135196390 | 167501.07 | 3909909.66 | FENCEGRD | 3.62E-08 | 3.65E-08 | 3.68E-08 | 3.71E-08 | 2.90E-09 | 1.30E-08 | 8.51E-10 | 8.55E-10 | 8.60E-10 | 8.64E-10 |
| 167479.200188454390 | 167479.20 | 3909919.48 | FENCEGRD | 3.57E-08 | 3.60E-08 | 3.64E-08 | 3.68E-08 | 2.85E-09 | 1.29E-08 | 8.44E-10 | 8.49E-10 | 8.55E-10 | 8.61E-10 |
| 167457.329241712390 | 167457.33 | 3909929.31 | FENCEGRD | 3.54E-08 | 3.58E-08 | 3.63E-08 | 3.66E-08 | 2.85E-09 | 1.29E-08 | 8.48E-10 | 8.53E-10 | 8.61E-10 | 8.68E-10 |
| 167435.458294973909 | 167435.46 | 3909939.13 | FENCEGRD | 3.57E-08 | 3.62E-08 | 3.66E-08 | 3.70E-08 | 2.91E-09 | 1.31E-08 | 8.67E-10 | 8.73E-10 | 8.81E-10 | 8.89E-10 |
| 167413.587348229390 | 167413.59 | 3909948.95 | FENCEGRD | 3.63E-08 | 3.67E-08 | 3.72E-08 | 3.76E-08 | 3.01E-09 | 1.35E-08 | 8.94E-10 | 9.01E-10 | 9.09E-10 | 9.16E-10 |
| 167376.934557001390 | 167376.93 | 3909939.90 | FENCEGRD | 3.89E-08 | 3.93E-08 | 3.98E-08 | 4.02E-08 | 3.34E-09 | 1.44E-08 | 9.75E-10 | 9.82E-10 | 9.91E-10 | 9.98E-10 |
| 167362.152712515390 | 167362.15 | 3909921.02 | FENCEGRD | 4.10E-08 | 4.15E-08 | 4.20E-08 | 4.24E-08 | 3.57E-09 | 1.51E-08 | 1.03E-09 | 1.04E-09 | 1.05E-09 | 1.06E-09 |
| 167347.370868033909 | 167347.37 | 3909902.15 | FENCEGRD | 4.33E-08 | 4.38E-08 | 4.43E-08 | 4.47E-08 | 3.83E-09 | 1.59E-08 | 1.09E-09 | 1.10E-09 | 1.11E-09 | 1.12E-09 |
| 167332.589023544390 | 167332.59 | 3909883.27 | FENCEGRD | 4.58E-08 | 4.64E-08 | 4.69E-08 | 4.74E-08 | 4.11E-09 | 1.67E-08 | 1.16E-09 | 1.16E-09 | 1.17E-09 | 1.18E-09 |
| 167317.807179058390 | 167317.81 | 3909864.39 | FENCEGRD | 4.88E-08 | 4.94E-08 | 5.00E-08 | 5.05E-08 | 4.43E-09 | 1.76E-08 | 1.23E-09 | 1.24E-09 | 1.25E-09 | 1.26E-09 |
| 167303.025334572390 | 167303.03 | 3909845.51 | FENCEGRD | 5.19E-08 | 5.25E-08 | 5.32E-08 | 5.37E-08 | 4.77E-09 | 1.85E-08 | 1.31E-09 | 1.32E-09 | 1.33E-09 | 1.34E-09 |
| 167288.243490087390 | 167288.24 | 3909826.64 | FENCEGRD | 5.53E-08 | 5.60E-08 | 5.67E-08 | 5.73E-08 | 5.16E-09 | 1.96E-08 | 1.40E-09 | 1.41E-09 | 1.42E-09 | 1.43E-09 |
| 167273.461645601390 | 167273.46 | 3909807.76 | FENCEGRD | 5.87E-08 | 5.95E-08 | 6.02E-08 | 6.08E-08 | 5.57E-09 | 2.06E-08 | 1.49E-09 | 1.50E-09 | 1.51E-09 | 1.53E-09 |
| 167258.679801115390 | 167258.68 | 3909788.88 | FENCEGRD | 6.22E-08 | 6.30E-08 | 6.37E-08 | 6.43E-08 | 6.00E-09 | 2.17E-08 | 1.58E-09 | 1.59E-09 | 1.61E-09 | 1.62E-09 |
| 167243.897956629390 | 167243.90 | 3909770.01 | FENCEGRD | 6.58E-08 | 6.66E-08 | 6.72E-08 | 6.78E-08 | 6.43E-09 | 2.29E-08 | 1.68E-09 | 1.69E-09 | 1.71E-09 | 1.72E-09 |
| 167229.116112144390 | 167229.12 | 3909751.13 | FENCEGRD | 6.95E-08 | 7.02E-08 | 7.08E-08 | 7.13E-08 | 6.88E-09 | 2.41E-08 | 1.78E-09 | 1.79E-09 | 1.80E-09 | 1.82E-09 |
| 167214.334267658390 | 167214.33 | 3909732.25 | FENCEGRD | 7.33E-08 | 7.39E-08 | 7.45E-08 | 7.50E-08 | 7.37E-09 | 2.54E-08 | 1.88E-09 | 1.89E-09 | 1.90E-09 | 1.92E-09 |
| 167199.552423172390 | 167199.55 | 3909713.37 | FENCEGRD | 7.74E-08 | 7.80E-08 | 7.86E-08 | 7.91E-08 | 7.96E-09 | 2.67E-08 | 1.99E-09 | 2.00E-09 | 2.02E-09 | 2.03E-09 |
| 167184.770578686390 | 167184.77 | 3909694.50 | FENCEGRD | 8.16E-08 | 8.22E-08 | 8.29E-08 | 8.35E-08 | 8.66E-09 | 2.80E-08 | 2.11E-09 | 2.12E-09 | 2.14E-09 | 2.15E-09 |
| 167169.988734201390 | 167169.99 | 3909675.62 | FENCEGRD | 8.59E-08 | 8.68E-08 | 8.76E-08 | 8.84E-08 | 9.45E-09 | 2.93E-08 | 2.24E-09 | 2.26E-09 | 2.27E-09 | 2.29E-09 |
| 167155.206889715390 | 167155.21 | 3909656.74 | FENCEGRD | 9.07E-08 | 9.17E-08 | 9.28E-08 | 9.38E-08 | 1.03E-08 | 3.06E-08 | 2.39E-09 | 2.41E-09 | 2.43E-09 | 2.45E-09 |
| 167140.425045229390 | 167140.43 | 3909637.87 | FENCEGRD | 9.62E-08 | 9.75E-08 | 9.88E-08 | 9.99E-08 | 1.11E-08 | 3.22E-08 | 2.56E-09 | 2.59E-09 | 2.61E-09 | 2.63E-09 |
| 167125.643200743390 | 167125.64 | 3909618.99 | FENCEGRD | 1.03E-07 | 1.04E-07 | 1.05E-07 | 1.07E-07 | 1.17E-08 | 3.40E-08 | 2.76E-09 | 2.78E-09 | 2.81E-09 | 2.83E-09 |
| 167110.861356258390 | 167110.86 | 3909600.11 | FENCEGRD | 1.10E-07 | 1.11E-07 | 1.12E-07 | 1.14E-07 | 1.21E-08 | 3.61E-08 | 2.96E-09 | 2.98E-09 | 3.01E-09 | 3.03E-09 |
| 167096.079511772390 | 167096.08 | 3909581.23 | FENCEGRD | 1.17E-07 | 1.18E-07 | 1.19E-07 | 1.20E-07 | 1.23E-08 | 3.83E-08 | 3.14E-09 | 3.16E-09 | 3.18E-09 | 3.20E-09 |
| 167081.297667286390 | 167081.30 | 3909562.36 | FENCEGRD | 1.24E-07 | 1.24E-07 | 1.25E-07 | 1.26E-07 | 1.22E-08 | 4.05E-08 | 3.30E-09 | 3.31E-09 | 3.33E-09 | 3.33E-09 |
| 167066.515822839099 | 167066.52 | 3909543.48 | FENCEGRD | 1.29E-07 | 1.29E-07 | 1.30E-07 | 1.30E-07 | 1.19E-08 | 4.26E-08 | 3.40E-09 | 3.41E-09 | 3.41E-09 | 3.41E-09 |
| 167051.733978315390 | 167051.73 | 3909524.60 | FENCEGRD | 1.32E-07 | 1.32E-07 | 1.32E-07 | 1.32E-07 | 1.14E-08 | 4.42E-08 | 3.44E-09 | 3.44E-09 | 3.44E-09 | 3.43E-09 |
| 167036.952133829390 | 167036.95 | 3909505.73 | FENCEGRD | 1.34E-07 | 1.34E-07 | 1.33E-07 | 1.32E-07 | 1.08E-08 | 4.56E-08 | 3.44E-09 | 3.43E-09 | 3.42E-09 | 3.40E-09 |
| 167022.170289343390 | 167022.17 | 3909486.85 | FENCEGRD | 1.35E-07 | 1.34E-07 | 1.32E-07 | 1.31E-07 | 1.01E-08 | 4.66E-08 | 3.39E-09 | 3.37E-09 | 3.35E-09 | 3.34E-09 |
| 167007.388444857390 | 167007.39 | 3909467.97 | FENCEGRD | 1.34E-07 | 1.32E-07 | 1.30E-07 | 1.29E-07 | 9.42E-09 | 4.72E-08 | 3.30E-09 | 3.28E-09 | 3.26E-09 | 3.23E-09 |
| 166992.606600372390 | 166992.61 | 3909449.09 | FENCEGRD | 1.31E-07 | 1.29E-07 | 1.27E-07 | 1.25E-07 | 8.72E-09 | 4.74E-08 | 3.18E-09 | 3.16E-09 | 3.13E-09 | 3.11E-09 |
| 166977.824755886390 | 166977.82 | 3909430.22 | FENCEGRD | 1.27E-07 | 1.25E-07 | 1.23E-07 | 1.21E-07 | 8.04E-09 | 4.71E-08 | 3.04E-09 | 3.02E-09 | 2.99E-09 | 2.96E-09 |
| 166963.042911439094 | 166963.04 | 3909411.34 | FENCEGRD | 1.22E-07 | 1.20E-07 | 1.18E-07 | 1.16E-07 | 7.35E-09 | 4.65E-08 | 2.89E-09 | 2.86E-09 | 2.83E-09 | 2.80E-09 |
| 166948.261066914390 | 166948.26 | 3909392.46 | FENCEGRD | 1.17E-07 | 1.15E-07 | 1.12E-07 | 1.10E-07 | 6.69E-09 | 4.54E-08 | 2.72E-09 | 2.69E-09 | 2.66E-09 | 2.63E-09 |
| 166933.479222429390 | 166933.48 | 3909373.59 | FENCEGRD | 1.11E-07 | 1.09E-07 | 1.06E-07 | 1.04E-07 | 6.05E-09 | 4.42E-08 | 2.55E-09 | 2.53E-09 | 2.50E-09 | 2.47E-09 |
| 166918.697377943390 | 166918.70 | 3909354.71 | FENCEGRD | 1.05E-07 | 1.02E-07 | 9.97E-08 | 9.76E-08 | 5.43E-09 | 4.28E-08 | 2.39E-09 | 2.36E-09 | 2.34E-09 | 2.31E-09 |
| 166903.915533457390 | 166903.92 | 3909335.83 | FENCEGRD | 9.82E-08 | 9.59E-08 | 9.34E-08 | 9.13E-08 | 4.84E-09 | 4.13E-08 | 2.23E-09 | 2.21E-09 | 2.18E-09 | 2.16E-09 |
| 166889.133688972390 | 166889.13 | 3909316.95 | FENCEGRD | 9.18E-08 | 8.96E-08 | 8.73E-08 | 8.53E-08 | 4.30E-09 | 3.96E-08 | 2.08E-09 | 2.05E-09 | 2.03E-09 | 2.01E-09 |
| 166874.351844486390 | 166874.35 | 3909298.08 | FENCEGRD | 8.56E-08 | 8.36E-08 | 8.14E-08 | 7.96E-08 | 3.80E-09 | 3.78E-08 | 1.93E-09 | 1.90E-09 | 1.88E-09 | 1.86E-09 |
| 168179.070484189390 | 168179.07 | 3909605.11 | FENCEGRD | 1.00E-08 | 1.02E-08 | 1.05E-08 | 1.07E-08 | 1.36E-09 | 5.06E-09 | 3.62E-10 | 3.65E-10 | 3.68E-10 | 3.72E-10 |
| 168190.518984189390 | 168190.52 | 3909583.35 | FENCEGRD | 9.72E-09 | 9.91E-09 | 1.02E-08 | 1.04E-08 | 1.35E-09 | 5.09E-09 | 3.63E-10 | 3.67E-10 | 3.70E-10 | 3.73E-10 |
| 168201.967484189390 | 168201.97 | 3909561.59 | FENCEGRD | 9.38E-09 | 9.56E-09 | 9.79E-09 | | | | | | | |

16<30 Dose

| | | | | 16<30 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167691.681442745390 | 167691.68 | 3908875.12 | FENCEGRD | 2.28E-07 | 2.08E-07 | 1.86E-07 | 1.69E-07 | 7.49E-09 | 7.06E-08 | 2.91E-09 | 2.77E-09 | 2.64E-09 | 2.52E-09 |
| 167670.783442745390 | 167670.78 | 3908888.20 | FENCEGRD | 1.92E-07 | 1.73E-07 | 1.54E-07 | 1.39E-07 | 6.71E-09 | 6.07E-08 | 2.45E-09 | 2.33E-09 | 2.21E-09 | 2.10E-09 |
| 167762.006885491390 | 167762.01 | 3908801.59 | FENCEGRD | 2.47E-07 | 2.32E-07 | 2.17E-07 | 2.03E-07 | 8.52E-09 | 8.10E-08 | 3.55E-09 | 3.44E-09 | 3.33E-09 | 3.22E-09 |
| 167741.108885491390 | 167741.11 | 3908814.67 | FENCEGRD | 2.32E-07 | 2.17E-07 | 2.00E-07 | 1.87E-07 | 7.96E-09 | 6.68E-08 | 3.24E-09 | 3.13E-09 | 3.02E-09 | 2.91E-09 |
| 167720.210885491390 | 167720.21 | 3908827.76 | FENCEGRD | 2.14E-07 | 1.99E-07 | 1.82E-07 | 1.68E-07 | 7.40E-09 | 5.55E-08 | 2.93E-09 | 2.81E-09 | 2.70E-09 | 2.60E-09 |
| 167699.312885491390 | 167699.31 | 3908840.84 | FENCEGRD | 1.91E-07 | 1.75E-07 | 1.59E-07 | 1.47E-07 | 6.75E-09 | 4.61E-08 | 2.56E-09 | 2.45E-09 | 2.35E-09 | 2.25E-09 |
| 167678.414885491390 | 167678.41 | 3908853.93 | FENCEGRD | 1.68E-07 | 1.53E-07 | 1.38E-07 | 1.26E-07 | 6.15E-09 | 4.03E-08 | 2.22E-09 | 2.12E-09 | 2.03E-09 | 1.94E-09 |
| 167657.516885491390 | 167657.52 | 3908867.01 | FENCEGRD | 1.43E-07 | 1.30E-07 | 1.17E-07 | 1.07E-07 | 5.56E-09 | 3.69E-08 | 1.90E-09 | 1.81E-09 | 1.72E-09 | 1.64E-09 |
| 167794.142777813390 | 167794.14 | 3908784.69 | FENCEGRD | 2.57E-07 | 2.48E-07 | 2.36E-07 | 2.24E-07 | 9.30E-09 | 9.87E-08 | 3.94E-09 | 3.86E-09 | 3.76E-09 | 3.66E-09 |
| 167816.844002601390 | 167816.84 | 3908786.84 | FENCEGRD | 2.66E-07 | 2.60E-07 | 2.53E-07 | 2.47E-07 | 1.02E-08 | 1.22E-07 | 4.19E-09 | 4.14E-09 | 4.08E-09 | 4.03E-09 |
| 167748.740328236390 | 167748.74 | 3908780.40 | FENCEGRD | 1.98E-07 | 1.86E-07 | 1.72E-07 | 1.62E-07 | 7.28E-09 | 5.57E-08 | 2.90E-09 | 2.81E-09 | 2.72E-09 | 2.63E-09 |
| 167727.842328236390 | 167727.84 | 3908793.49 | FENCEGRD | 1.85E-07 | 1.73E-07 | 1.59E-07 | 1.49E-07 | 6.84E-09 | 4.63E-08 | 2.66E-09 | 2.57E-09 | 2.47E-09 | 2.39E-09 |
| 167706.944328236390 | 167706.94 | 3908806.57 | FENCEGRD | 1.68E-07 | 1.56E-07 | 1.43E-07 | 1.32E-07 | 6.30E-09 | 3.76E-08 | 2.37E-09 | 2.28E-09 | 2.19E-09 | 2.11E-09 |
| 167686.046328236390 | 167686.05 | 3908819.65 | FENCEGRD | 1.51E-07 | 1.39E-07 | 1.26E-07 | 1.17E-07 | 5.80E-09 | 3.15E-08 | 2.09E-09 | 2.00E-09 | 1.92E-09 | 1.84E-09 |
| 167665.148328236390 | 167665.15 | 3908832.74 | FENCEGRD | 1.32E-07 | 1.21E-07 | 1.10E-07 | 1.01E-07 | 5.27E-09 | 2.74E-08 | 1.81E-09 | 1.73E-09 | 1.65E-09 | 1.59E-09 |
| 167644.250328236390 | 167644.25 | 3908845.82 | FENCEGRD | 1.13E-07 | 1.03E-07 | 9.38E-08 | 8.69E-08 | 4.74E-09 | 2.50E-08 | 1.53E-09 | 1.47E-09 | 1.40E-09 | 1.35E-09 |
| 167783.903050533908 | 167783.90 | 3908763.79 | FENCEGRD | 2.23E-07 | 2.11E-07 | 1.99E-07 | 1.88E-07 | 8.24E-09 | 7.81E-08 | 3.42E-09 | 3.32E-09 | 3.23E-09 | 3.14E-09 |
| 167808.117690304390 | 167808.12 | 3908766.08 | FENCEGRD | 2.42E-07 | 2.36E-07 | 2.27E-07 | 2.16E-07 | 9.21E-09 | 9.64E-08 | 3.87E-09 | 3.80E-09 | 3.72E-09 | 3.63E-09 |
| 167868.842829443390 | 167868.84 | 3908842.58 | FENCEGRD | 3.06E-07 | 3.01E-07 | 2.95E-07 | 2.89E-07 | 1.11E-08 | 1.31E-07 | 5.13E-09 | 5.04E-09 | 4.95E-09 | 4.86E-09 |
| 167735.473770981390 | 167735.47 | 3908759.21 | FENCEGRD | 1.65E-07 | 1.55E-07 | 1.44E-07 | 1.35E-07 | 6.44E-09 | 4.28E-08 | 2.49E-09 | 2.40E-09 | 2.32E-09 | 2.25E-09 |
| 167714.575770981390 | 167714.58 | 3908772.30 | FENCEGRD | 1.53E-07 | 1.42E-07 | 1.31E-07 | 1.22E-07 | 6.00E-09 | 3.52E-08 | 2.25E-09 | 2.17E-09 | 2.09E-09 | 2.01E-09 |
| 167693.677770981390 | 167693.68 | 3908785.38 | FENCEGRD | 1.38E-07 | 1.28E-07 | 1.17E-07 | 1.09E-07 | 5.52E-09 | 2.88E-08 | 1.99E-09 | 1.92E-09 | 1.84E-09 | 1.77E-09 |
| 167672.779770981390 | 167672.78 | 3908798.46 | FENCEGRD | 1.22E-07 | 1.13E-07 | 1.03E-07 | 9.60E-08 | 5.04E-09 | 2.40E-08 | 1.74E-09 | 1.67E-09 | 1.60E-09 | 1.54E-09 |
| 167651.881770981390 | 167651.88 | 3908811.55 | FENCEGRD | 1.07E-07 | 9.85E-08 | 9.02E-08 | 8.40E-08 | 4.56E-09 | 2.05E-08 | 1.50E-09 | 1.44E-09 | 1.38E-09 | 1.33E-09 |
| 167630.983770981390 | 167630.98 | 3908824.63 | FENCEGRD | 9.18E-08 | 8.50E-08 | 7.82E-08 | 7.31E-08 | 4.08E-09 | 1.84E-08 | 1.27E-09 | 1.22E-09 | 1.18E-09 | 1.13E-09 |
| 167731.641881263908 | 167731.64 | 3908718.98 | FENCEGRD | 1.36E-07 | 1.28E-07 | 1.19E-07 | 1.12E-07 | 5.72E-09 | 3.54E-08 | 2.16E-09 | 2.08E-09 | 2.02E-09 | 1.95E-09 |
| 167754.343106049390 | 167754.34 | 3908721.12 | FENCEGRD | 1.58E-07 | 1.49E-07 | 1.39E-07 | 1.31E-07 | 6.45E-09 | 4.60E-08 | 2.52E-09 | 2.44E-09 | 2.36E-09 | 2.29E-09 |
| 167777.044330837390 | 167777.04 | 3908723.27 | FENCEGRD | 1.80E-07 | 1.71E-07 | 1.61E-07 | 1.52E-07 | 7.21E-09 | 5.89E-08 | 2.91E-09 | 2.82E-09 | 2.74E-09 | 2.66E-09 |
| 167799.745555625390 | 167799.75 | 3908725.42 | FENCEGRD | 1.99E-07 | 1.91E-07 | 1.82E-07 | 1.73E-07 | 7.97E-09 | 7.06E-08 | 3.28E-09 | 3.20E-09 | 3.12E-09 | 3.04E-09 |
| 167822.446780414390 | 167822.45 | 3908727.56 | FENCEGRD | 2.09E-07 | 2.04E-07 | 1.98E-07 | 1.92E-07 | 8.67E-09 | 8.26E-08 | 3.54E-09 | 3.50E-09 | 3.44E-09 | 3.38E-09 |
| 167845.148005202390 | 167845.15 | 3908729.71 | FENCEGRD | 2.19E-07 | 2.14E-07 | 2.10E-07 | 2.05E-07 | 9.29E-09 | 9.44E-08 | 3.75E-09 | 3.71E-09 | 3.67E-09 | 3.63E-09 |
| 167902.077823145390 | 167902.08 | 3908801.43 | FENCEGRD | 2.72E-07 | 2.68E-07 | 2.63E-07 | 2.58E-07 | 1.06E-08 | 1.26E-07 | 4.62E-09 | 4.55E-09 | 4.49E-09 | 4.42E-09 |
| 167905.920279267390 | 167905.92 | 3908823.90 | FENCEGRD | 2.75E-07 | 2.72E-07 | 2.69E-07 | 2.65E-07 | 1.11E-08 | 1.22E-07 | 5.07E-09 | 5.00E-09 | 4.93E-09 | 4.85E-09 |
| 167909.762735389390 | 167909.76 | 3908846.38 | FENCEGRD | 2.75E-07 | 2.76E-07 | 2.76E-07 | 2.74E-07 | 1.19E-08 | 1.11E-07 | 5.57E-09 | 5.51E-09 | 5.44E-09 | 5.37E-09 |
| 167913.605191511390 | 167913.61 | 3908868.86 | FENCEGRD | 2.66E-07 | 2.70E-07 | 2.74E-07 | 2.77E-07 | 1.28E-08 | 9.97E-08 | 6.01E-09 | 5.98E-09 | 5.94E-09 | 5.90E-09 |
| 167917.447647633390 | 167917.45 | 3908891.33 | FENCEGRD | 2.54E-07 | 2.62E-07 | 2.71E-07 | 2.77E-07 | 1.38E-08 | 8.90E-08 | 6.34E-09 | 6.35E-09 | 6.36E-09 | 6.35E-09 |
| 167708.940656472390 | 167708.94 | 3908716.83 | FENCEGRD | 1.17E-07 | 1.09E-07 | 1.02E-07 | 9.53E-08 | 5.07E-09 | 2.76E-08 | 1.84E-09 | 1.77E-09 | 1.71E-09 | 1.66E-09 |
| 167688.042656472390 | 167688.04 | 3908729.92 | FENCEGRD | 1.06E-07 | 9.89E-08 | 9.16E-08 | 8.59E-08 | 4.66E-09 | 2.28E-08 | 1.63E-09 | 1.57E-09 | 1.52E-09 | 1.47E-09 |
| 167667.144656472390 | 167667.14 | 3908743.00 | FENCEGRD | 9.48E-08 | 8.85E-08 | 8.20E-08 | 7.70E-08 | 4.25E-09 | 1.90E-08 | 1.43E-09 | 1.38E-09 | 1.33E-09 | 1.29E-09 |
| 167646.246656472390 | 167646.25 | 3908756.08 | FENCEGRD | 8.43E-08 | 7.88E-08 | 7.32E-08 | 6.90E-08 | 3.86E-09 | 1.59E-08 | 1.25E-09 | 1.20E-09 | 1.16E-09 | 1.12E-09 |
| 167625.348656472390 | 167625.35 | 3908769.17 | FENCEGRD | 7.48E-08 | 7.02E-08 | 6.54E-08 | 6.18E-08 | 3.48E-09 | 1.37E-08 | 1.08E-09 | 1.05E-09 | 1.01E-09 | 9.82E-10 |
| 167604.450656472390 | 167604.45 | 3908782.25 | FENCEGRD | 6.61E-08 | 6.22E-08 | 5.82E-08 | 5.50E-08 | 3.12E-09 | 1.21E-08 | 9.41E-10 | 9.12E-10 | 8.84E-10 | 8.59E-10 |
| 167706.622181736390 | 167706.62 | 3908676.74 | FENCEGRD | 1.00E-07 | 9.45E-08 | 8.81E-08 | 8.31E-08 | 4.61E-09 | 2.48E-08 | 1.65E-09 | 1.59E-09 | 1.54E-09 | 1.49E-09 |
| 167730.836821511390 | 167730.84 | 3908679.03 | FENCEGRD | 1.18E-07 | 1.11E-07 | 1.04E-07 | 9.79E-08 | 5.25E-09 | 3.19E-08 | 1.95E-09 | 1.89E-09 | 1.83E-09 | 1.77E-09 |
| 167755.051461285390 | 167755.05 | 3908681.32 | FENCEGRD | 1.38E-07 | 1.30E-07 | 1.22E-07 | 1.15E-07 | 5.98E-09 | 4.08E-08 | 2.31E-09 | 2.24E-09 | 2.17E-09 | 2.11E-09 |
| 167779.266101059390 | 167779.27 | 3908683.61 | FENCEGRD | 1.51E-07 | 1.46E-07 | 1.41E-07 | 1.35E-07 | 6.81E-09 | 4.85E-08 | 2.64E-09 | 2.59E-09 | 2.54E-09 | 2.48E-09 |
| 167803.480740834390 | 167803.48 | 3908685.90 | FENCEGRD | 1.61E-07 | 1.56E-07 | 1.51E-07 | 1.47E-07 | 7.53E-09 | 5.67E-08 | 2.81E-09 | 2.77E-09 | 2.72E-09 | 2.67E-09 |
| 167827.695380608390 | 167827.70 | 3908688.19 | FENCEGRD | 1.74E-07 | 1.69E-07 | 1.64E-07 | 1.60E-07 | 8.01E-09 | 6.67E-08 | 3.04E-09 | 3.00E-09 | 2.96E-09 | 2.91E-09 |
| 167851.910020382390 | 167851.91 | 3908690.47 | FENCEGRD | 1.83E-07 | 1.79E-07 | 1.75E-07 | 1.71E-07 | 8.39E-09 | 7.61E-08 | 3.23E-09 | 3.19E-09 | 3.15E-09 | 3.11E-09 |
| 167876.124660157390 | 167876.12 | 3908692.76 | FENCEGRD | 1.89E-07 | 1.85E-07 | 1.81E-07 | 1.78E-07 | 8.58E-09 | 8.41E-08 | 3.34E-09 | 3.31E-09 | 3.27E-09 | 3.23E-09 |
| 167900.339299931390 | 167900.34 | 3908695.05 | FENCEGRD | 1.98E-07 | 1.95E-07 | 1.91E-07 | 1.88E-07 | 9.06E-09 | 9.27E-08 | 3.56E-09 | 3.52E-09 | 3.49E-09 | 3.45E-09 |
| 167936.849799296390 | 167936.85 | 3908769.26 | FENCEGRD | 2.66E-07 | 2.63E-07 | 2.60E-07 | 2.56E-07 | 1.12E-08 | 1.12E-07 | 4.64E-09 | 4.59E-09 | 4.54E-09 | 4.50E-09 |
| 167940.948419159390 | 167940.95 | 3908793.24 | FENCEGRD | 2.80E-07 | 2.77E-07 | 2.74E-07 | 2.71E-07 | 1.14E-08 | 1.06E-07 | 4.86E-09 | 4.81E-09 | 4.76E-09 | 4.71E-09 |
| 167945.047039022390 | 167945.05 | 3908817.21 | FENCEGRD | 2.92E-07 | 2.91E-07 | 2.90E-07 | 2.88E-07 | 1.20E-08 | 9.81E-08 | 5.16E-09 | 5.12E-09 | 5.08E-09 | 5.03E-09 |
| 167949.145658886390 | 167949.15 | 3908841.19 | FENCEGRD | 2.98E-07 | 3.01E-07 | 3.03E-07 | 3.03E-07 | 1.27E-08 | 9.03E-08 | 5.48E-09 | 5.45E-09 | 5.43E-09 | 5.40E-09 |
| 167953.244278749390 | 167953.24 | 3908865.16 | FENCEGRD | 2.95E-07 | 3.01E-07 | 3.07E-07 | 3.11E-07 | 1.35E-08 | 8.26E-08 | 5.74E-09 | 5.74E-09 | 5.75E-09 | 5.74E-09 |
| 167957.342898613390 | 167957.34 | 3908889.14 | FENCEGRD | 2.82E-07 | 2.91E-07 | 3.01E-07 | 3.09E-07 | 1.43E-08 | 7.49E-08 | 5.89E-09 | 5.92E-09 | 5.96E-09 | 5.99E-09 |
| 167961.441518476390 | 167961.44 | 3908913.11 | FENCEGRD | 2.71E-07 | 2.82E-07 | 2.95E-07 | 3.05E-07 | 1.51E-08 | 6.67E-08 | 5.87E-09 | 5.93E-09 | 5.99E-09 | 6.05E-09 |
| 167682.407541962390 | 167682.41 | 3908674.45 | FENCEGRD | 8.52E-08 | 8.02E-08 | 7.49E-08 | 7.07E-08 | 4.03E-09 | 1.96E-08 | 1.38E-09 | 1.34E-09 | 1.30E-09 | 1.26E-09 |
| 167661.509541962390 | 167661.51 | 3908687.54 | FENCEGRD | 7.68E-08 | 7.23E-08 | 6.77E-08 | 6.41E-08 | 3.67E-09 | 1.64E-08 | 1.22E-09 | 1.18E-09 | 1.14E-09 | 1.11E-09 |
| 167640.611541962390 | 167640.61 | 3908700.62 | FENCEGRD | 6.90E-08 | 6.52E-08 | 6.12E-08 | 5.81E-08 | 3.32E-09 | 1.38E-08 | 1.07E-09 | 1.04E-09 | 1.00E-09 | 9.76E-10 |
| 167619.713541962390 | 167619.71 | 3908713.71 | FENCEGRD | 6.23E-08 | 5.90E-08 | 5.56E-08 | | | | | | | |

16<30 Dose

| | | | | 16<30 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168005.849192287390 | 168005.85 | 3908937.31 | FENCEGRD | 2.33E-07 | 2.44E-07 | 2.57E-07 | 2.68E-07 | 1.53E-08 | 4.96E-08 | 5.00E-09 | 5.08E-09 | 5.17E-09 | 5.25E-09 |
| 167655.874427453390 | 167655.87 | 3908632.07 | FENCEGRD | 6.34E-08 | 6.02E-08 | 5.68E-08 | 5.41E-08 | 3.19E-09 | 1.45E-08 | 1.05E-09 | 1.02E-09 | 9.93E-10 | 9.66E-10 |
| 167634.976427453390 | 167634.98 | 3908645.16 | FENCEGRD | 5.80E-08 | 5.52E-08 | 5.23E-08 | 4.99E-08 | 2.91E-09 | 1.24E-08 | 9.36E-10 | 9.11E-10 | 8.87E-10 | 8.65E-10 |
| 167614.078427453390 | 167614.08 | 3908658.24 | FENCEGRD | 5.33E-08 | 5.09E-08 | 4.83E-08 | 4.62E-08 | 2.66E-09 | 1.08E-08 | 8.38E-10 | 8.18E-10 | 7.97E-10 | 7.79E-10 |
| 167593.180427453390 | 167593.18 | 3908671.33 | FENCEGRD | 4.91E-08 | 4.69E-08 | 4.45E-08 | 4.26E-08 | 2.43E-09 | 9.45E-09 | 7.56E-10 | 7.38E-10 | 7.21E-10 | 7.04E-10 |
| 167572.282427453390 | 167572.28 | 3908684.41 | FENCEGRD | 4.49E-08 | 4.28E-08 | 4.05E-08 | 3.87E-08 | 2.23E-09 | 8.35E-09 | 6.81E-10 | 6.65E-10 | 6.49E-10 | 6.34E-10 |
| 167551.384427453390 | 167551.38 | 3908697.49 | FENCEGRD | 4.04E-08 | 3.85E-08 | 3.64E-08 | 3.48E-08 | 2.05E-09 | 7.47E-09 | 6.09E-10 | 5.94E-10 | 5.79E-10 | 5.65E-10 |
| 167653.555952718390 | 167653.56 | 3908591.98 | FENCEGRD | 5.68E-08 | 5.42E-08 | 5.14E-08 | 4.91E-08 | 2.94E-09 | 1.37E-08 | 9.71E-10 | 9.45E-10 | 9.20E-10 | 8.98E-10 |
| 167677.770592492390 | 167677.77 | 3908594.27 | FENCEGRD | 6.54E-08 | 6.22E-08 | 5.87E-08 | 5.60E-08 | 3.36E-09 | 1.67E-08 | 1.14E-09 | 1.11E-09 | 1.08E-09 | 1.05E-09 |
| 167701.985232266390 | 167701.99 | 3908596.56 | FENCEGRD | 7.64E-08 | 7.25E-08 | 6.83E-08 | 6.49E-08 | 3.86E-09 | 2.08E-08 | 1.35E-09 | 1.31E-09 | 1.28E-09 | 1.24E-09 |
| 167726.199872043908 | 167726.20 | 3908598.85 | FENCEGRD | 8.82E-08 | 8.43E-08 | 7.94E-08 | 7.55E-08 | 4.41E-09 | 2.50E-08 | 1.60E-09 | 1.56E-09 | 1.51E-09 | 1.47E-09 |
| 167750.414511815390 | 167750.41 | 3908601.14 | FENCEGRD | 9.55E-08 | 9.23E-08 | 8.91E-08 | 8.67E-08 | 5.04E-09 | 2.88E-08 | 1.79E-09 | 1.76E-09 | 1.72E-09 | 1.69E-09 |
| 167774.629151589390 | 167774.63 | 3908603.43 | FENCEGRD | 1.03E-07 | 9.92E-08 | 9.56E-08 | 9.27E-08 | 5.41E-09 | 3.30E-08 | 1.92E-09 | 1.88E-09 | 1.84E-09 | 1.81E-09 |
| 167798.843791363390 | 167798.84 | 3908605.72 | FENCEGRD | 1.10E-07 | 1.07E-07 | 1.03E-07 | 9.99E-08 | 5.67E-09 | 3.82E-08 | 2.06E-09 | 2.02E-09 | 1.99E-09 | 1.95E-09 |
| 167823.058431138390 | 167823.06 | 3908608.00 | FENCEGRD | 1.20E-07 | 1.16E-07 | 1.12E-07 | 1.09E-07 | 6.02E-09 | 4.43E-08 | 2.23E-09 | 2.20E-09 | 2.16E-09 | 2.12E-09 |
| 167847.273070912390 | 167847.27 | 3908610.29 | FENCEGRD | 1.29E-07 | 1.26E-07 | 1.22E-07 | 1.19E-07 | 6.43E-09 | 5.09E-08 | 2.42E-09 | 2.38E-09 | 2.35E-09 | 2.31E-09 |
| 167871.487710686390 | 167871.49 | 3908612.58 | FENCEGRD | 1.37E-07 | 1.34E-07 | 1.30E-07 | 1.27E-07 | 6.79E-09 | 5.72E-08 | 2.58E-09 | 2.55E-09 | 2.52E-09 | 2.48E-09 |
| 167895.702350461390 | 167895.70 | 3908614.87 | FENCEGRD | 1.43E-07 | 1.41E-07 | 1.38E-07 | 1.35E-07 | 7.13E-09 | 6.29E-08 | 2.73E-09 | 2.70E-09 | 2.67E-09 | 2.64E-09 |
| 167919.916990235390 | 167919.92 | 3908617.16 | FENCEGRD | 1.49E-07 | 1.46E-07 | 1.44E-07 | 1.42E-07 | 7.42E-09 | 6.81E-08 | 2.86E-09 | 2.83E-09 | 2.80E-09 | 2.78E-09 |
| 167944.131630009390 | 167944.13 | 3908619.45 | FENCEGRD | 1.53E-07 | 1.51E-07 | 1.49E-07 | 1.47E-07 | 7.65E-09 | 7.29E-08 | 2.97E-09 | 2.94E-09 | 2.91E-09 | 2.89E-09 |
| 167968.346269784390 | 167968.35 | 3908621.74 | FENCEGRD | 1.61E-07 | 1.59E-07 | 1.56E-07 | 1.55E-07 | 8.10E-09 | 7.86E-08 | 3.16E-09 | 3.13E-09 | 3.10E-09 | 3.08E-09 |
| 167996.659529421390 | 167996.66 | 3908648.00 | FENCEGRD | 1.89E-07 | 1.87E-07 | 1.84E-07 | 1.82E-07 | 9.60E-09 | 9.45E-08 | 3.81E-09 | 3.79E-09 | 3.76E-09 | 3.74E-09 |
| 168000.758149285390 | 168000.76 | 3908671.98 | FENCEGRD | 2.05E-07 | 2.03E-07 | 2.01E-07 | 1.99E-07 | 1.02E-08 | 1.01E-07 | 4.12E-09 | 4.09E-09 | 4.07E-09 | 4.04E-09 |
| 168004.856769148390 | 168004.86 | 3908695.95 | FENCEGRD | 2.21E-07 | 2.19E-07 | 2.17E-07 | 2.15E-07 | 1.09E-08 | 1.03E-07 | 4.39E-09 | 4.36E-09 | 4.34E-09 | 4.31E-09 |
| 168008.955389012390 | 168008.96 | 3908719.92 | FENCEGRD | 2.35E-07 | 2.34E-07 | 2.32E-07 | 2.30E-07 | 1.14E-08 | 1.01E-07 | 4.59E-09 | 4.56E-09 | 4.54E-09 | 4.51E-09 |
| 168013.054008875390 | 168013.05 | 3908743.90 | FENCEGRD | 2.47E-07 | 2.46E-07 | 2.46E-07 | 2.45E-07 | 1.18E-08 | 9.68E-08 | 4.77E-09 | 4.75E-09 | 4.72E-09 | 4.70E-09 |
| 168017.152628739390 | 168017.15 | 3908767.87 | FENCEGRD | 2.58E-07 | 2.59E-07 | 2.60E-07 | 2.60E-07 | 1.24E-08 | 9.11E-08 | 5.00E-09 | 4.99E-09 | 4.98E-09 | 4.97E-09 |
| 168021.251248602390 | 168021.25 | 3908791.85 | FENCEGRD | 2.66E-07 | 2.68E-07 | 2.71E-07 | 2.72E-07 | 1.30E-08 | 8.40E-08 | 5.16E-09 | 5.17E-09 | 5.17E-09 | 5.17E-09 |
| 168025.349868465390 | 168025.35 | 3908815.82 | FENCEGRD | 2.67E-07 | 2.72E-07 | 2.76E-07 | 2.80E-07 | 1.36E-08 | 7.65E-08 | 5.25E-09 | 5.27E-09 | 5.29E-09 | 5.30E-09 |
| 168029.448488329390 | 168029.45 | 3908839.80 | FENCEGRD | 2.64E-07 | 2.70E-07 | 2.77E-07 | 2.82E-07 | 1.41E-08 | 6.93E-08 | 5.26E-09 | 5.29E-09 | 5.33E-09 | 5.36E-09 |
| 168033.547108192390 | 168033.55 | 3908863.77 | FENCEGRD | 2.56E-07 | 2.64E-07 | 2.72E-07 | 2.79E-07 | 1.45E-08 | 6.23E-08 | 5.19E-09 | 5.24E-09 | 5.29E-09 | 5.34E-09 |
| 168037.645728056390 | 168037.65 | 3908887.75 | FENCEGRD | 2.43E-07 | 2.51E-07 | 2.61E-07 | 2.69E-07 | 1.47E-08 | 5.58E-08 | 5.03E-09 | 5.09E-09 | 5.16E-09 | 5.22E-09 |
| 168041.744347919390 | 168041.74 | 3908911.72 | FENCEGRD | 2.24E-07 | 2.33E-07 | 2.44E-07 | 2.53E-07 | 1.47E-08 | 4.97E-08 | 4.79E-09 | 4.86E-09 | 4.94E-09 | 5.01E-09 |
| 168045.842967783390 | 168045.84 | 3908935.70 | FENCEGRD | 1.99E-07 | 2.09E-07 | 2.20E-07 | 2.30E-07 | 1.45E-08 | 4.42E-08 | 4.47E-09 | 4.55E-09 | 4.63E-09 | 4.71E-09 |
| 168049.941587646390 | 168049.94 | 3908959.67 | FENCEGRD | 1.71E-07 | 1.81E-07 | 1.92E-07 | 2.02E-07 | 1.41E-08 | 3.92E-08 | 4.07E-09 | 4.16E-09 | 4.25E-09 | 4.33E-09 |
| 167629.341312943390 | 167629.34 | 3908589.69 | FENCEGRD | 5.02E-08 | 4.80E-08 | 4.58E-08 | 4.39E-08 | 2.60E-09 | 1.15E-08 | 8.42E-10 | 8.21E-10 | 8.02E-10 | 7.84E-10 |
| 167608.443312943390 | 167608.44 | 3908602.78 | FENCEGRD | 4.68E-08 | 4.49E-08 | 4.28E-08 | 4.11E-08 | 2.39E-09 | 1.01E-08 | 7.64E-10 | 7.47E-10 | 7.30E-10 | 7.15E-10 |
| 167587.545312943390 | 167587.55 | 3908615.86 | FENCEGRD | 4.35E-08 | 4.17E-08 | 3.98E-08 | 3.82E-08 | 2.20E-09 | 8.89E-09 | 6.95E-10 | 6.80E-10 | 6.66E-10 | 6.52E-10 |
| 167566.647312943390 | 167566.65 | 3908628.95 | FENCEGRD | 4.01E-08 | 3.84E-08 | 3.66E-08 | 3.51E-08 | 2.03E-09 | 7.88E-09 | 6.32E-10 | 6.19E-10 | 6.05E-10 | 5.92E-10 |
| 167545.749312943390 | 167545.75 | 3908642.03 | FENCEGRD | 3.66E-08 | 3.50E-08 | 3.33E-08 | 3.19E-08 | 1.88E-09 | 7.03E-09 | 5.71E-10 | 5.58E-10 | 5.45E-10 | 5.33E-10 |
| 167524.851312943390 | 167524.85 | 3908655.11 | FENCEGRD | 3.31E-08 | 3.17E-08 | 3.01E-08 | 2.89E-08 | 1.75E-09 | 6.34E-09 | 5.10E-10 | 4.99E-10 | 4.87E-10 | 4.75E-10 |
| 167600.489723699390 | 167600.49 | 3908507.23 | FENCEGRD | 3.94E-08 | 3.81E-08 | 3.65E-08 | 3.53E-08 | 2.10E-09 | 9.65E-09 | 6.88E-10 | 6.74E-10 | 6.61E-10 | 6.48E-10 |
| 167624.704363473390 | 167624.70 | 3908509.51 | FENCEGRD | 4.27E-08 | 4.11E-08 | 3.94E-08 | 3.81E-08 | 2.31E-09 | 1.09E-08 | 7.58E-10 | 7.42E-10 | 7.26E-10 | 7.12E-10 |
| 167648.919003247390 | 167648.92 | 3908511.80 | FENCEGRD | 4.69E-08 | 4.50E-08 | 4.31E-08 | 4.15E-08 | 2.56E-09 | 1.26E-08 | 8.49E-10 | 8.29E-10 | 8.10E-10 | 7.93E-10 |
| 167673.133643022390 | 167673.13 | 3908514.09 | FENCEGRD | 5.23E-08 | 5.00E-08 | 4.77E-08 | 4.58E-08 | 2.86E-09 | 1.47E-08 | 9.65E-10 | 9.41E-10 | 9.18E-10 | 8.97E-10 |
| 167697.348282796390 | 167697.35 | 3908516.38 | FENCEGRD | 5.85E-08 | 5.59E-08 | 5.32E-08 | 5.09E-08 | 3.19E-09 | 1.72E-08 | 1.10E-09 | 1.07E-09 | 1.04E-09 | 1.02E-09 |
| 167721.562922573908 | 167721.56 | 3908518.67 | FENCEGRD | 6.61E-08 | 6.32E-08 | 6.00E-08 | 5.74E-08 | 3.58E-09 | 2.04E-08 | 1.26E-09 | 1.23E-09 | 1.20E-09 | 1.17E-09 |
| 167745.777562345390 | 167745.78 | 3908520.96 | FENCEGRD | 7.30E-08 | 7.10E-08 | 6.82E-08 | 6.55E-08 | 4.05E-09 | 2.32E-08 | 1.45E-09 | 1.42E-09 | 1.39E-09 | 1.36E-09 |
| 167769.992202119390 | 167769.99 | 3908523.25 | FENCEGRD | 7.75E-08 | 7.51E-08 | 7.27E-08 | 7.08E-08 | 4.50E-09 | 2.57E-08 | 1.54E-09 | 1.52E-09 | 1.49E-09 | 1.47E-09 |
| 167794.206841893390 | 167794.21 | 3908525.54 | FENCEGRD | 8.26E-08 | 8.01E-08 | 7.74E-08 | 7.53E-08 | 4.66E-09 | 2.87E-08 | 1.64E-09 | 1.62E-09 | 1.59E-09 | 1.56E-09 |
| 167818.421481668390 | 167818.42 | 3908527.82 | FENCEGRD | 8.97E-08 | 8.71E-08 | 8.43E-08 | 8.21E-08 | 4.98E-09 | 3.29E-08 | 1.79E-09 | 1.76E-09 | 1.73E-09 | 1.70E-09 |
| 167842.636121442390 | 167842.64 | 3908530.11 | FENCEGRD | 9.76E-08 | 9.50E-08 | 9.22E-08 | 8.99E-08 | 5.36E-09 | 3.77E-08 | 1.95E-09 | 1.93E-09 | 1.90E-09 | 1.87E-09 |
| 167866.850761216390 | 167866.85 | 3908532.40 | FENCEGRD | 1.05E-07 | 1.02E-07 | 9.95E-08 | 9.72E-08 | 5.70E-09 | 4.25E-08 | 2.10E-09 | 2.08E-09 | 2.05E-09 | 2.02E-09 |
| 167891.065400991390 | 167891.07 | 3908534.69 | FENCEGRD | 1.11E-07 | 1.09E-07 | 1.06E-07 | 1.04E-07 | 6.02E-09 | 4.71E-08 | 2.24E-09 | 2.22E-09 | 2.19E-09 | 2.17E-09 |
| 167915.280040765390 | 167915.28 | 3908536.98 | FENCEGRD | 1.17E-07 | 1.14E-07 | 1.12E-07 | 1.10E-07 | 6.32E-09 | 5.14E-08 | 2.37E-09 | 2.35E-09 | 2.32E-09 | 2.30E-09 |
| 167939.494680539390 | 167939.49 | 3908539.27 | FENCEGRD | 1.22E-07 | 1.20E-07 | 1.18E-07 | 1.16E-07 | 6.63E-09 | 5.55E-08 | 2.50E-09 | 2.48E-09 | 2.46E-09 | 2.44E-09 |
| 167963.709320314390 | 167963.71 | 3908541.56 | FENCEGRD | 1.27E-07 | 1.25E-07 | 1.23E-07 | 1.22E-07 | 6.94E-09 | 5.95E-08 | 2.63E-09 | 2.61E-09 | 2.59E-09 | 2.57E-09 |
| 167987.923960088390 | 167987.92 | 3908543.84 | FENCEGRD | 1.33E-07 | 1.31E-07 | 1.29E-07 | 1.28E-07 | 7.34E-09 | 6.43E-08 | 2.79E-09 | 2.77E-09 | 2.75E-09 | 2.74E-09 |
| 168012.138599862390 | 168012.14 | 3908546.13 | FENCEGRD | 1.41E-07 | 1.39E-07 | 1.37E-07 | 1.35E-07 | 7.71E-09 | 7.19E-08 | 3.07E-09 | 3.06E-09 | 3.04E-09 | 3.01E-09 |
| 168036.353239637390 | 168036.35 | 3908548.42 | FENCEGRD | 1.45E-07 | 1.42E-07 | 1.38E-07 | 1.36E-07 | 7.71E-09 | 7.72E-08 | 3.15E-09 | 3.10E-09 | 3.06E-09 | 3.03E-09 |
| 168064.666499274390 | 168064.67 | 3908574.69 | FENCEGRD | 1.59E-07 | 1.56E-07 | 1.54E-07 | 1.51E-07 | 8.50E-09 | 8.45E-08 | 3.51E-09 | 3.47E-09 | 3.43E-09 | 3.39E-09 |
| 168068.765119138390 | 168068.77 | 3908598.66 | FENCEGRD | 1.69E-07 | 1.68E-07 | 1.66E-07 | | | | | | | |

16<30 Dose

| | | | | 16<30 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167471.785083924390 | 167471.79 | 3908570.36 | FENCEGRD | 2.50E-08 | 2.41E-08 | 2.31E-08 | 2.23E-08 | 1.40E-09 | 5.14E-09 | 3.92E-10 | 3.84E-10 | 3.76E-10 | 3.68E-10 |
| 167547.423494683908 | 167547.42 | 3908422.47 | FENCEGRD | 2.78E-08 | 2.74E-08 | 2.70E-08 | 2.67E-08 | 1.73E-09 | 7.01E-09 | 5.31E-10 | 5.27E-10 | 5.21E-10 | 5.16E-10 |
| 167571.638134454390 | 167571.64 | 3908424.76 | FENCEGRD | 3.04E-08 | 3.00E-08 | 2.96E-08 | 2.93E-08 | 1.88E-09 | 7.89E-09 | 5.81E-10 | 5.76E-10 | 5.71E-10 | 5.66E-10 |
| 167595.852774228390 | 167595.85 | 3908427.04 | FENCEGRD | 3.30E-08 | 3.26E-08 | 3.23E-08 | 3.20E-08 | 2.03E-09 | 8.90E-09 | 6.38E-10 | 6.32E-10 | 6.26E-10 | 6.21E-10 |
| 167620.067414003390 | 167620.07 | 3908429.33 | FENCEGRD | 3.58E-08 | 3.53E-08 | 3.49E-08 | 3.47E-08 | 2.19E-09 | 1.00E-08 | 7.02E-10 | 6.96E-10 | 6.88E-10 | 6.82E-10 |
| 167644.282053777390 | 167644.28 | 3908431.62 | FENCEGRD | 3.90E-08 | 3.84E-08 | 3.80E-08 | 3.71E-08 | 2.38E-09 | 1.14E-08 | 7.77E-10 | 7.68E-10 | 7.59E-10 | 7.47E-10 |
| 167668.496693551390 | 167668.50 | 3908433.91 | FENCEGRD | 4.29E-08 | 4.21E-08 | 4.10E-08 | 3.97E-08 | 2.59E-09 | 1.29E-08 | 8.64E-10 | 8.52E-10 | 8.36E-10 | 8.21E-10 |
| 167692.711333325390 | 167692.71 | 3908436.20 | FENCEGRD | 4.76E-08 | 4.62E-08 | 4.44E-08 | 4.28E-08 | 2.81E-09 | 1.48E-08 | 9.60E-10 | 9.42E-10 | 9.21E-10 | 9.01E-10 |
| 167716.925973139084 | 167716.93 | 3908438.49 | FENCEGRD | 5.24E-08 | 5.06E-08 | 4.84E-08 | 4.66E-08 | 3.06E-09 | 1.69E-08 | 1.07E-09 | 1.04E-09 | 1.02E-09 | 9.96E-10 |
| 167741.140612874390 | 167741.14 | 3908440.78 | FENCEGRD | 5.75E-08 | 5.56E-08 | 5.32E-08 | 5.12E-08 | 3.35E-09 | 1.92E-08 | 1.18E-09 | 1.16E-09 | 1.13E-09 | 1.11E-09 |
| 167765.355252648390 | 167765.36 | 3908443.07 | FENCEGRD | 6.18E-08 | 6.03E-08 | 5.87E-08 | 5.68E-08 | 3.70E-09 | 2.14E-08 | 1.31E-09 | 1.29E-09 | 1.27E-09 | 1.24E-09 |
| 167789.569892423390 | 167789.57 | 3908445.35 | FENCEGRD | 6.59E-08 | 6.41E-08 | 6.23E-08 | 6.09E-08 | 4.07E-09 | 2.36E-08 | 1.39E-09 | 1.37E-09 | 1.35E-09 | 1.33E-09 |
| 167813.784532197390 | 167813.78 | 3908447.64 | FENCEGRD | 7.10E-08 | 6.91E-08 | 6.72E-08 | 6.56E-08 | 4.31E-09 | 2.64E-08 | 1.50E-09 | 1.48E-09 | 1.46E-09 | 1.44E-09 |
| 167837.999171971390 | 167838.00 | 3908449.93 | FENCEGRD | 7.62E-08 | 7.43E-08 | 7.22E-08 | 7.05E-08 | 4.56E-09 | 2.96E-08 | 1.62E-09 | 1.59E-09 | 1.57E-09 | 1.55E-09 |
| 167862.213811746390 | 167862.21 | 3908452.22 | FENCEGRD | 8.24E-08 | 8.04E-08 | 7.83E-08 | 7.66E-08 | 4.89E-09 | 3.34E-08 | 1.76E-09 | 1.74E-09 | 1.71E-09 | 1.69E-09 |
| 167886.428451523908 | 167886.43 | 3908454.51 | FENCEGRD | 8.83E-08 | 8.64E-08 | 8.44E-08 | 8.27E-08 | 5.22E-09 | 3.73E-08 | 1.90E-09 | 1.88E-09 | 1.85E-09 | 1.83E-09 |
| 167910.643091294390 | 167910.64 | 3908456.80 | FENCEGRD | 9.37E-08 | 9.19E-08 | 8.99E-08 | 8.83E-08 | 5.53E-09 | 4.11E-08 | 2.02E-09 | 2.01E-09 | 1.98E-09 | 1.96E-09 |
| 167934.857731068390 | 167934.86 | 3908459.09 | FENCEGRD | 9.86E-08 | 9.69E-08 | 9.52E-08 | 9.36E-08 | 5.83E-09 | 4.47E-08 | 2.15E-09 | 2.13E-09 | 2.11E-09 | 2.09E-09 |
| 167959.072370843390 | 167959.07 | 3908461.38 | FENCEGRD | 1.04E-07 | 1.02E-07 | 1.01E-07 | 9.94E-08 | 6.19E-09 | 4.90E-08 | 2.30E-09 | 2.29E-09 | 2.27E-09 | 2.26E-09 |
| 167983.287010617390 | 167983.29 | 3908463.66 | FENCEGRD | 1.09E-07 | 1.07E-07 | 1.06E-07 | 1.04E-07 | 6.34E-09 | 5.33E-08 | 2.46E-09 | 2.45E-09 | 2.43E-09 | 2.40E-09 |
| 168007.501650391390 | 168007.50 | 3908465.95 | FENCEGRD | 1.13E-07 | 1.10E-07 | 1.08E-07 | 1.05E-07 | 6.37E-09 | 5.77E-08 | 2.52E-09 | 2.49E-09 | 2.46E-09 | 2.43E-09 |
| 168031.716290166390 | 168031.72 | 3908468.24 | FENCEGRD | 1.13E-07 | 1.11E-07 | 1.08E-07 | 1.06E-07 | 6.40E-09 | 5.87E-08 | 2.54E-09 | 2.50E-09 | 2.48E-09 | 2.45E-09 |
| 168055.930929943908 | 168055.93 | 3908470.53 | FENCEGRD | 1.15E-07 | 1.13E-07 | 1.10E-07 | 1.08E-07 | 6.54E-09 | 6.08E-08 | 2.60E-09 | 2.57E-09 | 2.54E-09 | 2.51E-09 |
| 168080.145569714390 | 168080.15 | 3908472.82 | FENCEGRD | 1.17E-07 | 1.15E-07 | 1.12E-07 | 1.10E-07 | 6.69E-09 | 6.29E-08 | 2.67E-09 | 2.64E-09 | 2.61E-09 | 2.58E-09 |
| 168104.360209489390 | 168104.36 | 3908475.11 | FENCEGRD | 1.19E-07 | 1.17E-07 | 1.15E-07 | 1.13E-07 | 6.87E-09 | 6.52E-08 | 2.75E-09 | 2.72E-09 | 2.69E-09 | 2.66E-09 |
| 168132.673469126390 | 168132.67 | 3908501.37 | FENCEGRD | 1.32E-07 | 1.30E-07 | 1.27E-07 | 1.25E-07 | 7.62E-09 | 7.41E-08 | 3.09E-09 | 3.06E-09 | 3.02E-09 | 2.99E-09 |
| 168136.772088993908 | 168136.77 | 3908525.35 | FENCEGRD | 1.42E-07 | 1.40E-07 | 1.37E-07 | 1.35E-07 | 8.12E-09 | 7.80E-08 | 3.32E-09 | 3.28E-09 | 3.25E-09 | 3.22E-09 |
| 168140.870708853390 | 168140.87 | 3908549.32 | FENCEGRD | 1.50E-07 | 1.49E-07 | 1.47E-07 | 1.45E-07 | 8.64E-09 | 8.08E-08 | 3.54E-09 | 3.51E-09 | 3.48E-09 | 3.44E-09 |
| 168144.969328717390 | 168144.97 | 3908573.30 | FENCEGRD | 1.59E-07 | 1.58E-07 | 1.56E-07 | 1.53E-07 | 9.05E-09 | 8.38E-08 | 3.72E-09 | 3.69E-09 | 3.65E-09 | 3.62E-09 |
| 168149.067948583908 | 168149.07 | 3908597.27 | FENCEGRD | 1.68E-07 | 1.67E-07 | 1.66E-07 | 1.65E-07 | 9.70E-09 | 8.40E-08 | 3.91E-09 | 3.91E-09 | 3.90E-09 | 3.87E-09 |
| 168153.166568444390 | 168153.17 | 3908621.24 | FENCEGRD | 1.74E-07 | 1.74E-07 | 1.74E-07 | 1.73E-07 | 1.03E-08 | 8.16E-08 | 3.97E-09 | 3.97E-09 | 3.96E-09 | 3.95E-09 |
| 168157.265188307390 | 168157.27 | 3908645.22 | FENCEGRD | 1.80E-07 | 1.81E-07 | 1.81E-07 | 1.81E-07 | 1.06E-08 | 7.96E-08 | 4.07E-09 | 4.07E-09 | 4.07E-09 | 4.07E-09 |
| 168161.363808171390 | 168161.36 | 3908669.19 | FENCEGRD | 1.86E-07 | 1.87E-07 | 1.88E-07 | 1.88E-07 | 1.10E-08 | 7.74E-08 | 4.20E-09 | 4.21E-09 | 4.21E-09 | 4.22E-09 |
| 168165.462428034390 | 168165.46 | 3908693.17 | FENCEGRD | 1.88E-07 | 1.90E-07 | 1.92E-07 | 1.93E-07 | 1.13E-08 | 7.31E-08 | 4.23E-09 | 4.24E-09 | 4.26E-09 | 4.27E-09 |
| 168169.561047897390 | 168169.56 | 3908717.14 | FENCEGRD | 1.87E-07 | 1.90E-07 | 1.93E-07 | 1.95E-07 | 1.15E-08 | 6.79E-08 | 4.21E-09 | 4.23E-09 | 4.25E-09 | 4.27E-09 |
| 168173.659667761390 | 168173.66 | 3908741.12 | FENCEGRD | 1.84E-07 | 1.88E-07 | 1.91E-07 | 1.94E-07 | 1.16E-08 | 6.27E-08 | 4.16E-09 | 4.19E-09 | 4.22E-09 | 4.25E-09 |
| 168177.758287624390 | 168177.76 | 3908765.09 | FENCEGRD | 1.82E-07 | 1.86E-07 | 1.91E-07 | 1.94E-07 | 1.19E-08 | 5.83E-08 | 4.14E-09 | 4.17E-09 | 4.21E-09 | 4.24E-09 |
| 168181.856907488390 | 168181.86 | 3908789.07 | FENCEGRD | 1.80E-07 | 1.84E-07 | 1.89E-07 | 1.93E-07 | 1.22E-08 | 5.43E-08 | 4.11E-09 | 4.15E-09 | 4.19E-09 | 4.23E-09 |
| 168185.955527351390 | 168185.96 | 3908813.04 | FENCEGRD | 1.73E-07 | 1.78E-07 | 1.83E-07 | 1.88E-07 | 1.22E-08 | 4.97E-08 | 3.99E-09 | 4.04E-09 | 4.08E-09 | 4.13E-09 |
| 168190.054147215390 | 168190.05 | 3908837.02 | FENCEGRD | 1.63E-07 | 1.68E-07 | 1.74E-07 | 1.80E-07 | 1.21E-08 | 4.51E-08 | 3.82E-09 | 3.87E-09 | 3.92E-09 | 3.97E-09 |
| 168194.152767078390 | 168194.15 | 3908860.99 | FENCEGRD | 1.51E-07 | 1.56E-07 | 1.63E-07 | 1.69E-07 | 1.19E-08 | 4.07E-08 | 3.61E-09 | 3.67E-09 | 3.72E-09 | 3.77E-09 |
| 168198.251386942390 | 168198.25 | 3908884.97 | FENCEGRD | 1.38E-07 | 1.44E-07 | 1.50E-07 | 1.56E-07 | 1.16E-08 | 3.68E-08 | 3.38E-09 | 3.44E-09 | 3.50E-09 | 3.56E-09 |
| 168202.350006805390 | 168202.35 | 3908908.94 | FENCEGRD | 1.21E-07 | 1.27E-07 | 1.33E-07 | 1.39E-07 | 1.11E-08 | 3.28E-08 | 3.07E-09 | 3.13E-09 | 3.19E-09 | 3.24E-09 |
| 168206.448626668390 | 168206.45 | 3908932.92 | FENCEGRD | 1.06E-07 | 1.11E-07 | 1.17E-07 | 1.22E-07 | 1.05E-08 | 2.93E-08 | 2.76E-09 | 2.82E-09 | 2.87E-09 | 2.93E-09 |
| 168210.547246532390 | 168210.55 | 3908956.89 | FENCEGRD | 9.43E-08 | 9.83E-08 | 1.03E-07 | 1.08E-07 | 9.95E-09 | 2.64E-08 | 2.48E-09 | 2.53E-09 | 2.58E-09 | 2.63E-09 |
| 168214.645866395390 | 168214.65 | 3908980.87 | FENCEGRD | 8.50E-08 | 8.84E-08 | 9.24E-08 | 9.62E-08 | 9.34E-09 | 2.39E-08 | 2.23E-09 | 2.27E-09 | 2.31E-09 | 2.36E-09 |
| 168218.744486259390 | 168218.74 | 3909004.84 | FENCEGRD | 7.63E-08 | 7.92E-08 | 8.26E-08 | 8.58E-08 | 8.62E-09 | 2.17E-08 | 2.01E-09 | 2.04E-09 | 2.07E-09 | 2.11E-09 |
| 168222.843106122390 | 168222.84 | 3909028.82 | FENCEGRD | 6.79E-08 | 7.05E-08 | 7.36E-08 | 7.64E-08 | 7.86E-09 | 1.97E-08 | 1.82E-09 | 1.84E-09 | 1.87E-09 | 1.90E-09 |
| 168226.941725986390 | 168226.94 | 3909052.79 | FENCEGRD | 5.98E-08 | 6.22E-08 | 6.50E-08 | 6.76E-08 | 7.13E-09 | 1.81E-08 | 1.65E-09 | 1.68E-09 | 1.70E-09 | 1.73E-09 |
| 167523.208854905390 | 167523.21 | 3908420.18 | FENCEGRD | 2.54E-08 | 2.50E-08 | 2.45E-08 | 2.42E-08 | 1.60E-09 | 6.26E-09 | 4.85E-10 | 4.80E-10 | 4.74E-10 | 4.69E-10 |
| 167502.310854905390 | 167502.31 | 3908433.26 | FENCEGRD | 2.47E-08 | 2.43E-08 | 2.39E-08 | 2.37E-08 | 1.59E-09 | 5.90E-09 | 4.65E-10 | 4.60E-10 | 4.54E-10 | 4.49E-10 |
| 167481.412854905390 | 167481.41 | 3908446.35 | FENCEGRD | 2.42E-08 | 2.39E-08 | 2.37E-08 | 2.33E-08 | 1.50E-09 | 5.60E-09 | 4.45E-10 | 4.41E-10 | 4.35E-10 | 4.30E-10 |
| 167460.514854905390 | 167460.51 | 3908459.43 | FENCEGRD | 2.40E-08 | 2.34E-08 | 2.25E-08 | 2.18E-08 | 1.40E-09 | 5.32E-09 | 4.14E-10 | 4.07E-10 | 3.99E-10 | 3.91E-10 |
| 167439.616854905390 | 167439.62 | 3908472.51 | FENCEGRD | 2.26E-08 | 2.18E-08 | 2.10E-08 | 2.03E-08 | 1.29E-09 | 5.02E-09 | 3.73E-10 | 3.65E-10 | 3.58E-10 | 3.51E-10 |
| 167418.718854905390 | 167418.72 | 3908485.60 | FENCEGRD | 2.10E-08 | 2.03E-08 | 1.96E-08 | 1.90E-08 | 1.18E-09 | 4.66E-09 | 3.36E-10 | 3.29E-10 | 3.23E-10 | 3.17E-10 |
| 167494.357265661390 | 167494.36 | 3908337.71 | FENCEGRD | 1.65E-08 | 1.62E-08 | 1.59E-08 | 1.56E-08 | 1.17E-09 | 4.76E-09 | 3.56E-10 | 3.51E-10 | 3.46E-10 | 3.42E-10 |
| 167518.571905435390 | 167518.57 | 3908340.00 | FENCEGRD | 1.84E-08 | 1.81E-08 | 1.77E-08 | 1.74E-08 | 1.25E-09 | 5.29E-09 | 3.90E-10 | 3.86E-10 | 3.81E-10 | 3.76E-10 |
| 167542.786545209390 | 167542.79 | 3908342.29 | FENCEGRD | 2.03E-08 | 2.00E-08 | 1.96E-08 | 1.93E-08 | 1.34E-09 | 5.89E-09 | 4.24E-10 | 4.20E-10 | 4.15E-10 | 4.11E-10 |
| 167567.001184984390 | 167567.00 | 3908344.57 | FENCEGRD | 2.21E-08 | 2.18E-08 | 2.15E-08 | 2.12E-08 | 1.44E-09 | 6.54E-09 | 4.58E-10 | 4.54E-10 | 4.50E-10 | 4.45E-10 |
| 167591.215824758390 | 167591.22 | 3908346.86 | FENCEGRD | 2.38E-08 | 2.35E-08 | 2.32E-08 | 2.29E-08 | 1.56E-09 | 7.24E-09 | 4.94E-10 | 4.90E-10 | 4.85E-10 | 4.80E-10 |
| 167615.430464532390 | 167615.43 | 3908349.15 | FENCEGRD | 2.55E-08 | 2.51E-08 | 2.48E-08 | 2.45E-08 | 1.69E-09 | 8.02E-09 | 5.34E-10 | 5.28E-10 | 5.22E-10 | 5.17E-10 |
| 167639.645104307390 | 167639.65 | 3908351.44 | FENCEGRD | 2.74E-08 | 2.69E-08 | 2.65E-08 | | | | | | | |

16<30 Dose

| | | | | 16<30 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168200.680438979390 | 168200.68 | 3908428.06 | FENCEGRD | 1.13E-07 | 1.11E-07 | 1.10E-07 | 1.08E-07 | 7.03E-09 | 6.53E-08 | 2.81E-09 | 2.78E-09 | 2.76E-09 | 2.73E-09 |
| 168204.779058843390 | 168204.78 | 3908452.03 | FENCEGRD | 1.20E-07 | 1.18E-07 | 1.17E-07 | 1.15E-07 | 7.42E-09 | 6.83E-08 | 2.99E-09 | 2.96E-09 | 2.93E-09 | 2.90E-09 |
| 168208.877678706390 | 168208.88 | 3908476.01 | FENCEGRD | 1.27E-07 | 1.25E-07 | 1.24E-07 | 1.22E-07 | 7.84E-09 | 7.10E-08 | 3.16E-09 | 3.13E-09 | 3.11E-09 | 3.08E-09 |
| 168212.976298573908 | 168212.98 | 3908499.98 | FENCEGRD | 1.33E-07 | 1.32E-07 | 1.31E-07 | 1.30E-07 | 8.31E-09 | 7.27E-08 | 3.31E-09 | 3.30E-09 | 3.29E-09 | 3.27E-09 |
| 168217.074918433390 | 168217.07 | 3908523.96 | FENCEGRD | 1.40E-07 | 1.39E-07 | 1.38E-07 | 1.37E-07 | 8.84E-09 | 7.28E-08 | 3.40E-09 | 3.39E-09 | 3.38E-09 | 3.38E-09 |
| 168221.173538297390 | 168221.17 | 3908547.93 | FENCEGRD | 1.45E-07 | 1.45E-07 | 1.44E-07 | 1.44E-07 | 9.05E-09 | 7.22E-08 | 3.47E-09 | 3.47E-09 | 3.46E-09 | 3.45E-09 |
| 168225.272158163908 | 168225.27 | 3908571.90 | FENCEGRD | 1.50E-07 | 1.51E-07 | 1.51E-07 | 1.50E-07 | 9.39E-09 | 7.19E-08 | 3.58E-09 | 3.58E-09 | 3.58E-09 | 3.57E-09 |
| 168229.370778023390 | 168229.37 | 3908595.88 | FENCEGRD | 1.56E-07 | 1.56E-07 | 1.57E-07 | 1.57E-07 | 9.83E-09 | 7.16E-08 | 3.71E-09 | 3.72E-09 | 3.72E-09 | 3.72E-09 |
| 168233.469397887390 | 168233.47 | 3908619.85 | FENCEGRD | 1.60E-07 | 1.61E-07 | 1.62E-07 | 1.62E-07 | 1.03E-08 | 7.05E-08 | 3.82E-09 | 3.83E-09 | 3.84E-09 | 3.85E-09 |
| 168237.568017753908 | 168237.57 | 3908643.83 | FENCEGRD | 1.63E-07 | 1.64E-07 | 1.66E-07 | 1.67E-07 | 1.06E-08 | 6.85E-08 | 3.90E-09 | 3.92E-09 | 3.93E-09 | 3.95E-09 |
| 168241.666637614390 | 168241.67 | 3908667.80 | FENCEGRD | 1.64E-07 | 1.66E-07 | 1.68E-07 | 1.70E-07 | 1.09E-08 | 6.55E-08 | 3.94E-09 | 3.96E-09 | 3.98E-09 | 4.00E-09 |
| 168245.765257477390 | 168245.77 | 3908691.78 | FENCEGRD | 1.64E-07 | 1.66E-07 | 1.69E-07 | 1.71E-07 | 1.12E-08 | 6.20E-08 | 3.94E-09 | 3.97E-09 | 4.00E-09 | 4.03E-09 |
| 168249.863877341390 | 168249.86 | 3908715.75 | FENCEGRD | 1.62E-07 | 1.65E-07 | 1.68E-07 | 1.71E-07 | 1.13E-08 | 5.79E-08 | 3.90E-09 | 3.93E-09 | 3.97E-09 | 4.00E-09 |
| 168253.962497204390 | 168253.96 | 3908739.73 | FENCEGRD | 1.57E-07 | 1.61E-07 | 1.65E-07 | 1.68E-07 | 1.12E-08 | 5.30E-08 | 3.78E-09 | 3.81E-09 | 3.85E-09 | 3.88E-09 |
| 168258.061117067390 | 168258.06 | 3908763.70 | FENCEGRD | 1.48E-07 | 1.52E-07 | 1.56E-07 | 1.60E-07 | 1.09E-08 | 4.76E-08 | 3.57E-09 | 3.61E-09 | 3.65E-09 | 3.68E-09 |
| 168262.159736931390 | 168262.16 | 3908787.68 | FENCEGRD | 1.40E-07 | 1.44E-07 | 1.49E-07 | 1.53E-07 | 1.07E-08 | 4.35E-08 | 3.42E-09 | 3.46E-09 | 3.50E-09 | 3.53E-09 |
| 168266.258356794390 | 168266.26 | 3908811.65 | FENCEGRD | 1.31E-07 | 1.35E-07 | 1.40E-07 | 1.44E-07 | 1.05E-08 | 3.97E-08 | 3.25E-09 | 3.30E-09 | 3.34E-09 | 3.38E-09 |
| 168270.356976658390 | 168270.36 | 3908835.63 | FENCEGRD | 1.20E-07 | 1.24E-07 | 1.29E-07 | 1.34E-07 | 1.02E-08 | 3.60E-08 | 3.06E-09 | 3.10E-09 | 3.15E-09 | 3.19E-09 |
| 168274.455596521390 | 168274.46 | 3908859.60 | FENCEGRD | 1.08E-07 | 1.12E-07 | 1.17E-07 | 1.22E-07 | 9.83E-09 | 3.25E-08 | 2.84E-09 | 2.88E-09 | 2.93E-09 | 2.98E-09 |
| 168278.554216385390 | 168278.55 | 3908883.58 | FENCEGRD | 9.81E-08 | 1.02E-07 | 1.07E-07 | 1.11E-07 | 9.53E-09 | 2.96E-08 | 2.63E-09 | 2.67E-09 | 2.72E-09 | 2.76E-09 |
| 168282.652836248390 | 168282.65 | 3908907.55 | FENCEGRD | 8.86E-08 | 9.23E-08 | 9.67E-08 | 1.01E-07 | 9.15E-09 | 2.69E-08 | 2.41E-09 | 2.45E-09 | 2.49E-09 | 2.54E-09 |
| 168286.751456111390 | 168286.75 | 3908931.53 | FENCEGRD | 7.92E-08 | 8.23E-08 | 8.61E-08 | 8.96E-08 | 8.63E-09 | 2.43E-08 | 2.18E-09 | 2.22E-09 | 2.25E-09 | 2.29E-09 |
| 168290.850075975390 | 168290.85 | 3908955.50 | FENCEGRD | 7.09E-08 | 7.34E-08 | 7.65E-08 | 7.94E-08 | 8.04E-09 | 2.21E-08 | 1.96E-09 | 2.00E-09 | 2.03E-09 | 2.06E-09 |
| 168294.948695838390 | 168294.95 | 3908979.48 | FENCEGRD | 6.42E-08 | 6.64E-08 | 6.91E-08 | 7.15E-08 | 7.44E-09 | 2.01E-08 | 1.78E-09 | 1.81E-09 | 1.84E-09 | 1.86E-09 |
| 168299.047315702390 | 168299.05 | 3909003.45 | FENCEGRD | 5.74E-08 | 5.94E-08 | 6.18E-08 | 6.39E-08 | 6.79E-09 | 1.83E-08 | 1.62E-09 | 1.64E-09 | 1.67E-09 | 1.69E-09 |
| 168303.145935565390 | 168303.15 | 3909027.42 | FENCEGRD | 5.13E-08 | 5.32E-08 | 5.54E-08 | 5.75E-08 | 6.19E-09 | 1.68E-08 | 1.49E-09 | 1.51E-09 | 1.53E-09 | 1.55E-09 |
| 168307.244555429390 | 168307.24 | 3909051.40 | FENCEGRD | 4.57E-08 | 4.74E-08 | 4.95E-08 | 5.14E-08 | 5.66E-09 | 1.55E-08 | 1.37E-09 | 1.39E-09 | 1.41E-09 | 1.43E-09 |
| 168311.343175292390 | 168311.34 | 3909075.37 | FENCEGRD | 4.06E-08 | 4.22E-08 | 4.41E-08 | 4.58E-08 | 5.19E-09 | 1.44E-08 | 1.26E-09 | 1.28E-09 | 1.30E-09 | 1.31E-09 |
| 168315.441795156390 | 168315.44 | 3909099.35 | FENCEGRD | 3.65E-08 | 3.78E-08 | 3.93E-08 | 4.08E-08 | 4.79E-09 | 1.34E-08 | 1.15E-09 | 1.17E-09 | 1.18E-09 | 1.20E-09 |
| 167470.142625886390 | 167470.14 | 3908335.42 | FENCEGRD | 1.50E-08 | 1.47E-08 | 1.44E-08 | 1.42E-08 | 1.10E-09 | 4.31E-09 | 3.24E-10 | 3.20E-10 | 3.15E-10 | 3.11E-10 |
| 167449.244625886390 | 167449.24 | 3908348.50 | FENCEGRD | 1.46E-08 | 1.44E-08 | 1.41E-08 | 1.39E-08 | 1.07E-09 | 4.04E-09 | 3.06E-10 | 3.02E-10 | 2.98E-10 | 2.94E-10 |
| 167428.346625886390 | 167428.35 | 3908361.59 | FENCEGRD | 1.43E-08 | 1.40E-08 | 1.38E-08 | 1.36E-08 | 1.03E-09 | 3.80E-09 | 2.88E-10 | 2.84E-10 | 2.81E-10 | 2.77E-10 |
| 167407.448625886390 | 167407.45 | 3908374.67 | FENCEGRD | 1.40E-08 | 1.38E-08 | 1.36E-08 | 1.35E-08 | 9.93E-10 | 3.62E-09 | 2.73E-10 | 2.70E-10 | 2.67E-10 | 2.64E-10 |
| 167386.550625886390 | 167386.55 | 3908387.76 | FENCEGRD | 1.38E-08 | 1.36E-08 | 1.34E-08 | 1.33E-08 | 9.51E-10 | 3.48E-09 | 2.60E-10 | 2.57E-10 | 2.54E-10 | 2.52E-10 |
| 167365.652625886390 | 167365.65 | 3908400.84 | FENCEGRD | 1.32E-08 | 1.30E-08 | 1.29E-08 | 1.28E-08 | 8.97E-10 | 3.33E-09 | 2.45E-10 | 2.42E-10 | 2.40E-10 | 2.37E-10 |
| 167441.291036642390 | 167441.29 | 3908252.95 | FENCEGRD | 1.09E-08 | 1.07E-08 | 1.05E-08 | 1.04E-08 | 8.94E-10 | 3.61E-09 | 2.62E-10 | 2.59E-10 | 2.56E-10 | 2.53E-10 |
| 167465.505676416390 | 167465.51 | 3908255.24 | FENCEGRD | 1.22E-08 | 1.20E-08 | 1.18E-08 | 1.16E-08 | 9.61E-10 | 3.99E-09 | 2.90E-10 | 2.86E-10 | 2.82E-10 | 2.79E-10 |
| 167489.720316193908 | 167489.72 | 3908257.53 | FENCEGRD | 1.38E-08 | 1.35E-08 | 1.33E-08 | 1.31E-08 | 1.03E-09 | 4.42E-09 | 3.19E-10 | 3.15E-10 | 3.11E-10 | 3.07E-10 |
| 167513.934955965390 | 167513.93 | 3908259.82 | FENCEGRD | 1.56E-08 | 1.53E-08 | 1.51E-08 | 1.49E-08 | 1.11E-09 | 4.90E-09 | 3.50E-10 | 3.46E-10 | 3.42E-10 | 3.38E-10 |
| 167538.149595739390 | 167538.15 | 3908262.11 | FENCEGRD | 1.75E-08 | 1.73E-08 | 1.70E-08 | 1.68E-08 | 1.20E-09 | 5.46E-09 | 3.83E-10 | 3.79E-10 | 3.75E-10 | 3.72E-10 |
| 167562.364235513390 | 167562.36 | 3908264.39 | FENCEGRD | 1.95E-08 | 1.92E-08 | 1.90E-08 | 1.88E-08 | 1.31E-09 | 6.10E-09 | 4.17E-10 | 4.14E-10 | 4.10E-10 | 4.07E-10 |
| 167586.578875288390 | 167586.58 | 3908266.68 | FENCEGRD | 2.13E-08 | 2.10E-08 | 2.08E-08 | 2.06E-08 | 1.43E-09 | 6.78E-09 | 4.53E-10 | 4.50E-10 | 4.46E-10 | 4.42E-10 |
| 167610.793515062390 | 167610.79 | 3908268.97 | FENCEGRD | 2.30E-08 | 2.27E-08 | 2.25E-08 | 2.23E-08 | 1.56E-09 | 7.51E-09 | 4.92E-10 | 4.88E-10 | 4.84E-10 | 4.80E-10 |
| 167635.008154836390 | 167635.01 | 3908271.26 | FENCEGRD | 2.48E-08 | 2.44E-08 | 2.41E-08 | 2.39E-08 | 1.69E-09 | 8.29E-09 | 5.35E-10 | 5.30E-10 | 5.25E-10 | 5.20E-10 |
| 167659.222794611390 | 167659.22 | 3908273.55 | FENCEGRD | 2.65E-08 | 2.60E-08 | 2.57E-08 | 2.53E-08 | 1.83E-09 | 9.08E-09 | 5.79E-10 | 5.73E-10 | 5.66E-10 | 5.60E-10 |
| 167683.437434385390 | 167683.44 | 3908275.84 | FENCEGRD | 2.86E-08 | 2.80E-08 | 2.75E-08 | 2.71E-08 | 1.99E-09 | 1.00E-08 | 6.33E-10 | 6.25E-10 | 6.17E-10 | 6.10E-10 |
| 167707.652074159390 | 167707.65 | 3908278.13 | FENCEGRD | 3.10E-08 | 3.04E-08 | 2.98E-08 | 2.93E-08 | 2.16E-09 | 1.11E-08 | 6.94E-10 | 6.86E-10 | 6.76E-10 | 6.67E-10 |
| 167731.866713934390 | 167731.87 | 3908280.41 | FENCEGRD | 3.39E-08 | 3.31E-08 | 3.24E-08 | 3.18E-08 | 2.35E-09 | 1.23E-08 | 7.64E-10 | 7.54E-10 | 7.43E-10 | 7.33E-10 |
| 167756.081353708390 | 167756.08 | 3908282.70 | FENCEGRD | 3.71E-08 | 3.62E-08 | 3.53E-08 | 3.47E-08 | 2.55E-09 | 1.37E-08 | 8.41E-10 | 8.30E-10 | 8.18E-10 | 8.07E-10 |
| 167780.295993482390 | 167780.30 | 3908284.99 | FENCEGRD | 4.07E-08 | 3.98E-08 | 3.88E-08 | 3.81E-08 | 2.79E-09 | 1.54E-08 | 9.30E-10 | 9.18E-10 | 9.05E-10 | 8.94E-10 |
| 167804.510633257390 | 167804.51 | 3908287.28 | FENCEGRD | 4.46E-08 | 4.35E-08 | 4.25E-08 | 4.17E-08 | 3.04E-09 | 1.73E-08 | 1.02E-09 | 1.01E-09 | 9.98E-10 | 9.86E-10 |
| 167828.725273031390 | 167828.73 | 3908289.57 | FENCEGRD | 4.83E-08 | 4.72E-08 | 4.61E-08 | 4.52E-08 | 3.27E-09 | 1.94E-08 | 1.12E-09 | 1.10E-09 | 1.09E-09 | 1.08E-09 |
| 167852.939912805390 | 167852.94 | 3908291.86 | FENCEGRD | 5.20E-08 | 5.08E-08 | 4.97E-08 | 4.87E-08 | 3.49E-09 | 2.15E-08 | 1.21E-09 | 1.19E-09 | 1.18E-09 | 1.17E-09 |
| 167877.154552583908 | 167877.15 | 3908294.15 | FENCEGRD | 5.57E-08 | 5.45E-08 | 5.33E-08 | 5.23E-08 | 3.73E-09 | 2.37E-08 | 1.30E-09 | 1.29E-09 | 1.27E-09 | 1.26E-09 |
| 167901.369192354390 | 167901.37 | 3908296.44 | FENCEGRD | 5.94E-08 | 5.82E-08 | 5.69E-08 | 5.59E-08 | 3.95E-09 | 2.61E-08 | 1.40E-09 | 1.38E-09 | 1.36E-09 | 1.35E-09 |
| 167925.583832128390 | 167925.58 | 3908298.72 | FENCEGRD | 6.31E-08 | 6.19E-08 | 6.07E-08 | 5.96E-08 | 4.19E-09 | 2.86E-08 | 1.49E-09 | 1.48E-09 | 1.46E-09 | 1.45E-09 |
| 167949.798471903390 | 167949.80 | 3908301.01 | FENCEGRD | 6.79E-08 | 6.68E-08 | 6.56E-08 | 6.43E-08 | 4.43E-09 | 3.21E-08 | 1.64E-09 | 1.63E-09 | 1.61E-09 | 1.60E-09 |
| 167974.013111677390 | 167974.01 | 3908303.30 | FENCEGRD | 7.10E-08 | 6.93E-08 | 6.75E-08 | 6.58E-08 | 4.46E-09 | 3.51E-08 | 1.69E-09 | 1.67E-09 | 1.65E-09 | 1.62E-09 |
| 167998.227751451390 | 167998.23 | 3908305.59 | FENCEGRD | 7.23E-08 | 7.07E-08 | 6.89E-08 | 6.73E-08 | 4.53E-09 | 3.60E-08 | 1.72E-09 | 1.70E-09 | 1.68E-09 | 1.66E-09 |
| 168022.442391225390 | 168022.44 | 3908307.88 | FENCEGRD | 7.38E-08 | 7.23E-08 | 7.05E-08 | 6.90E-08 | 4.62E-09 | 3.72E-08 | 1.76E-09 | 1.74E-09 | 1.72E-09 | 1.70E-09 |
| 168046.657031390831 | 168046.66 | 3908310.17 | FENCEGRD | 7.58E-08 | 7.43E-08 | 7.27E-08 | 7.12E-08 | 4.76E-09 | 3.88E-08 | 1.82E-09 | 1.80E-09 | 1.78E-09 | 1.76E-09 |
| 168070.871670774390 | 168070.87 | 3908312.46 | FENCEGRD | 7.78E-08 | 7.64E-08 | 7.48E-08 | | | | | | | |

16<30 Dose

| | | | | 16<30 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168330.166706784390 | 168330.17 | 3908714.36 | FENCEGRD | 1.29E-07 | 1.31E-07 | 1.35E-07 | 1.37E-07 | 9.79E-09 | 4.51E-08 | 3.21E-09 | 3.24E-09 | 3.27E-09 | 3.30E-09 |
| 168334.265326647390 | 168334.27 | 3908738.34 | FENCEGRD | 1.22E-07 | 1.25E-07 | 1.28E-07 | 1.31E-07 | 9.57E-09 | 4.14E-08 | 3.08E-09 | 3.11E-09 | 3.14E-09 | 3.17E-09 |
| 168338.363946511390 | 168338.36 | 3908762.31 | FENCEGRD | 1.11E-07 | 1.14E-07 | 1.18E-07 | 1.21E-07 | 9.17E-09 | 3.75E-08 | 2.89E-09 | 2.92E-09 | 2.96E-09 | 2.99E-09 |
| 168342.462566374390 | 168342.46 | 3908786.29 | FENCEGRD | 1.00E-07 | 1.04E-07 | 1.08E-07 | 1.11E-07 | 8.84E-09 | 3.42E-08 | 2.72E-09 | 2.76E-09 | 2.79E-09 | 2.83E-09 |
| 168346.561186237390 | 168346.56 | 3908810.26 | FENCEGRD | 9.25E-08 | 9.59E-08 | 9.98E-08 | 1.03E-07 | 8.64E-09 | 3.14E-08 | 2.58E-09 | 2.61E-09 | 2.65E-09 | 2.69E-09 |
| 168350.659806101390 | 168350.66 | 3908834.24 | FENCEGRD | 8.51E-08 | 8.84E-08 | 9.22E-08 | 9.57E-08 | 8.42E-09 | 2.88E-08 | 2.42E-09 | 2.45E-09 | 2.49E-09 | 2.53E-09 |
| 168354.758425964390 | 168354.76 | 3908858.21 | FENCEGRD | 7.79E-08 | 8.10E-08 | 8.46E-08 | 8.79E-08 | 8.15E-09 | 2.64E-08 | 2.24E-09 | 2.28E-09 | 2.32E-09 | 2.35E-09 |
| 168358.857045828390 | 168358.86 | 3908882.19 | FENCEGRD | 7.12E-08 | 7.40E-08 | 7.73E-08 | 8.04E-08 | 7.84E-09 | 2.42E-08 | 2.07E-09 | 2.11E-09 | 2.14E-09 | 2.18E-09 |
| 168362.955665691390 | 168362.96 | 3908906.16 | FENCEGRD | 6.60E-08 | 6.84E-08 | 7.13E-08 | 7.40E-08 | 7.49E-09 | 2.23E-08 | 1.91E-09 | 1.94E-09 | 1.97E-09 | 2.00E-09 |
| 168367.054285555390 | 168367.05 | 3908930.14 | FENCEGRD | 6.07E-08 | 6.28E-08 | 6.53E-08 | 6.76E-08 | 7.05E-09 | 2.04E-08 | 1.75E-09 | 1.78E-09 | 1.80E-09 | 1.83E-09 |
| 168371.152905418390 | 168371.15 | 3908954.11 | FENCEGRD | 5.53E-08 | 5.70E-08 | 5.91E-08 | 6.11E-08 | 6.53E-09 | 1.87E-08 | 1.59E-09 | 1.62E-09 | 1.64E-09 | 1.67E-09 |
| 168375.251525281390 | 168375.25 | 3908978.08 | FENCEGRD | 4.95E-08 | 5.11E-08 | 5.29E-08 | 5.46E-08 | 5.96E-09 | 1.70E-08 | 1.45E-09 | 1.47E-09 | 1.49E-09 | 1.51E-09 |
| 168379.350145145390 | 168379.35 | 3909002.06 | FENCEGRD | 4.43E-08 | 4.58E-08 | 4.75E-08 | 4.91E-08 | 5.44E-09 | 1.56E-08 | 1.34E-09 | 1.36E-09 | 1.37E-09 | 1.39E-09 |
| 168383.448765008390 | 168383.45 | 3909026.03 | FENCEGRD | 3.94E-08 | 4.08E-08 | 4.24E-08 | 4.40E-08 | 4.97E-09 | 1.44E-08 | 1.24E-09 | 1.26E-09 | 1.27E-09 | 1.29E-09 |
| 168387.547384872390 | 168387.55 | 3909050.01 | FENCEGRD | 3.48E-08 | 3.61E-08 | 3.76E-08 | 3.90E-08 | 4.56E-09 | 1.33E-08 | 1.15E-09 | 1.16E-09 | 1.18E-09 | 1.19E-09 |
| 168391.646004735390 | 168391.65 | 3909073.98 | FENCEGRD | 3.10E-08 | 3.21E-08 | 3.35E-08 | 3.47E-08 | 4.22E-09 | 1.23E-08 | 1.05E-09 | 1.07E-09 | 1.08E-09 | 1.10E-09 |
| 168395.744624599390 | 168395.74 | 3909097.96 | FENCEGRD | 2.80E-08 | 2.90E-08 | 3.01E-08 | 3.12E-08 | 3.93E-09 | 1.15E-08 | 9.64E-10 | 9.78E-10 | 9.92E-10 | 1.01E-09 |
| 168399.843244462390 | 168399.84 | 3909121.93 | FENCEGRD | 2.56E-08 | 2.64E-08 | 2.73E-08 | 2.82E-08 | 3.68E-09 | 1.07E-08 | 8.78E-10 | 8.91E-10 | 9.02E-10 | 9.15E-10 |
| 168403.941864325390 | 168403.94 | 3909145.91 | FENCEGRD | 2.32E-08 | 2.39E-08 | 2.48E-08 | 2.56E-08 | 3.43E-09 | 9.99E-09 | 7.99E-10 | 8.10E-10 | 8.20E-10 | 8.31E-10 |
| 167417.076396867390 | 167417.08 | 3908250.66 | FENCEGRD | 9.79E-09 | 9.66E-09 | 9.54E-09 | 9.45E-09 | 8.27E-10 | 3.28E-09 | 2.38E-10 | 2.35E-10 | 2.32E-10 | 2.30E-10 |
| 167396.178396867390 | 167396.18 | 3908263.75 | FENCEGRD | 9.30E-09 | 9.19E-09 | 9.09E-09 | 9.02E-09 | 7.81E-10 | 3.06E-09 | 2.23E-10 | 2.20E-10 | 2.18E-10 | 2.15E-10 |
| 167375.280396867390 | 167375.28 | 3908276.83 | FENCEGRD | 8.96E-09 | 8.86E-09 | 8.76E-09 | 8.69E-09 | 7.37E-10 | 2.88E-09 | 2.10E-10 | 2.08E-10 | 2.06E-10 | 2.04E-10 |
| 167354.382396867390 | 167354.38 | 3908289.91 | FENCEGRD | 8.65E-09 | 8.54E-09 | 8.43E-09 | 8.34E-09 | 6.96E-10 | 2.74E-09 | 2.00E-10 | 1.98E-10 | 1.96E-10 | 1.94E-10 |
| 167333.484396867390 | 167333.48 | 3908303.00 | FENCEGRD | 8.19E-09 | 8.07E-09 | 7.95E-09 | 7.85E-09 | 6.56E-10 | 2.61E-09 | 1.89E-10 | 1.87E-10 | 1.85E-10 | 1.83E-10 |
| 167312.586396867390 | 167312.59 | 3908316.08 | FENCEGRD | 7.67E-09 | 7.56E-09 | 7.44E-09 | 7.36E-09 | 6.21E-10 | 2.49E-09 | 1.77E-10 | 1.75E-10 | 1.73E-10 | 1.71E-10 |
| 167640.127983382390 | 167640.13 | 3908885.50 | FENCEGRD | 1.27E-07 | 1.15E-07 | 1.03E-07 | 9.44E-08 | 5.20E-09 | 3.93E-08 | 1.68E-09 | 1.60E-09 | 1.52E-09 | 1.45E-09 |
| 167628.894347019390 | 167628.89 | 3908906.15 | FENCEGRD | 1.18E-07 | 1.07E-07 | 9.51E-08 | 8.70E-08 | 5.10E-09 | 4.64E-08 | 1.59E-09 | 1.51E-09 | 1.43E-09 | 1.37E-09 |
| 167617.660710655390 | 167617.66 | 3908926.80 | FENCEGRD | 1.07E-07 | 9.54E-08 | 8.45E-08 | 7.69E-08 | 4.99E-09 | 5.39E-08 | 1.49E-09 | 1.41E-09 | 1.34E-09 | 1.28E-09 |
| 167618.166975073390 | 167618.17 | 3908873.55 | FENCEGRD | 9.38E-08 | 8.61E-08 | 7.84E-08 | 7.28E-08 | 4.23E-09 | 2.76E-08 | 1.27E-09 | 1.22E-09 | 1.16E-09 | 1.12E-09 |
| 167606.933338713908 | 167606.93 | 3908894.20 | FENCEGRD | 8.64E-08 | 7.91E-08 | 7.18E-08 | 6.65E-08 | 4.10E-09 | 3.29E-08 | 1.19E-09 | 1.14E-09 | 1.09E-09 | 1.05E-09 |
| 167595.699702346390 | 167595.70 | 3908914.85 | FENCEGRD | 7.61E-08 | 6.95E-08 | 6.29E-08 | 5.82E-08 | 3.95E-09 | 3.90E-08 | 1.10E-09 | 1.06E-09 | 1.01E-09 | 9.69E-10 |
| 167584.466065983390 | 167584.47 | 3908935.50 | FENCEGRD | 6.37E-08 | 5.79E-08 | 5.23E-08 | 4.86E-08 | 3.79E-09 | 4.51E-08 | 1.01E-09 | 9.64E-10 | 9.19E-10 | 8.80E-10 |
| 167573.232429619390 | 167573.23 | 3908956.15 | FENCEGRD | 5.01E-08 | 4.59E-08 | 4.20E-08 | 3.95E-08 | 3.60E-09 | 5.06E-08 | 9.02E-10 | 8.60E-10 | 8.19E-10 | 7.83E-10 |
| 167607.798568173908 | 167607.80 | 3908849.28 | FENCEGRD | 7.89E-08 | 7.32E-08 | 6.74E-08 | 6.31E-08 | 3.66E-09 | 1.93E-08 | 1.08E-09 | 1.04E-09 | 1.00E-09 | 9.69E-10 |
| 167584.972330401390 | 167584.97 | 3908882.26 | FENCEGRD | 6.61E-08 | 6.12E-08 | 5.61E-08 | 5.24E-08 | 3.34E-09 | 2.47E-08 | 9.28E-10 | 8.95E-10 | 8.60E-10 | 8.30E-10 |
| 167573.738694037390 | 167573.74 | 3908902.91 | FENCEGRD | 5.79E-08 | 5.36E-08 | 4.93E-08 | 4.63E-08 | 3.21E-09 | 2.96E-08 | 8.55E-10 | 8.23E-10 | 7.89E-10 | 7.60E-10 |
| 167562.505057674390 | 167562.51 | 3908923.56 | FENCEGRD | 4.84E-08 | 4.52E-08 | 4.20E-08 | 3.98E-08 | 3.06E-09 | 3.50E-08 | 7.72E-10 | 7.41E-10 | 7.10E-10 | 6.83E-10 |
| 167551.271421313908 | 167551.27 | 3908944.21 | FENCEGRD | 3.93E-08 | 3.72E-08 | 3.51E-08 | 3.38E-08 | 2.91E-09 | 4.04E-08 | 6.80E-10 | 6.53E-10 | 6.25E-10 | 6.01E-10 |
| 167540.037784946390 | 167540.04 | 3908964.86 | FENCEGRD | 3.20E-08 | 3.10E-08 | 2.99E-08 | 2.93E-08 | 2.75E-09 | 4.55E-08 | 5.84E-10 | 5.61E-10 | 5.38E-10 | 5.18E-10 |
| 167528.804148583390 | 167528.80 | 3908985.51 | FENCEGRD | 2.74E-08 | 2.72E-08 | 2.70E-08 | 2.70E-08 | 2.57E-09 | 5.04E-08 | 4.93E-10 | 4.76E-10 | 4.59E-10 | 4.44E-10 |
| 167517.570512219390 | 167517.57 | 3909006.16 | FENCEGRD | 2.58E-08 | 2.62E-08 | 2.66E-08 | 2.69E-08 | 2.37E-09 | 5.48E-08 | 4.22E-10 | 4.12E-10 | 4.01E-10 | 3.92E-10 |
| 167506.336875855390 | 167506.34 | 3909026.81 | FENCEGRD | 2.62E-08 | 2.68E-08 | 2.75E-08 | 2.79E-08 | 2.14E-09 | 5.87E-08 | 3.87E-10 | 3.81E-10 | 3.74E-10 | 3.68E-10 |
| 167495.103239492390 | 167495.10 | 3909047.46 | FENCEGRD | 2.77E-08 | 2.85E-08 | 2.93E-08 | 2.98E-08 | 1.89E-09 | 6.20E-08 | 3.89E-10 | 3.83E-10 | 3.78E-10 | 3.73E-10 |
| 167565.325626728390 | 167565.33 | 3908823.85 | FENCEGRD | 5.18E-08 | 4.86E-08 | 4.53E-08 | 4.28E-08 | 2.61E-09 | 1.23E-08 | 7.32E-10 | 7.10E-10 | 6.87E-10 | 6.66E-10 |
| 167541.050313783390 | 167541.05 | 3908858.36 | FENCEGRD | 4.24E-08 | 4.00E-08 | 3.75E-08 | 3.57E-08 | 2.36E-09 | 1.55E-08 | 6.04E-10 | 5.85E-10 | 5.65E-10 | 5.47E-10 |
| 167529.816677423908 | 167529.82 | 3908879.01 | FENCEGRD | 3.82E-08 | 3.62E-08 | 3.42E-08 | 3.27E-08 | 2.26E-09 | 1.87E-08 | 5.41E-10 | 5.24E-10 | 5.07E-10 | 4.91E-10 |
| 167518.583041056390 | 167518.58 | 3908899.66 | FENCEGRD | 3.40E-08 | 3.27E-08 | 3.12E-08 | 3.01E-08 | 2.15E-09 | 2.25E-08 | 4.78E-10 | 4.64E-10 | 4.48E-10 | 4.35E-10 |
| 167507.349404692390 | 167507.35 | 3908920.32 | FENCEGRD | 3.05E-08 | 2.96E-08 | 2.87E-08 | 2.80E-08 | 2.02E-09 | 2.67E-08 | 4.18E-10 | 4.06E-10 | 3.93E-10 | 3.83E-10 |
| 167496.115768329390 | 167496.12 | 3908940.97 | FENCEGRD | 2.80E-08 | 2.78E-08 | 2.75E-08 | 2.72E-08 | 1.88E-09 | 3.11E-08 | 3.64E-10 | 3.56E-10 | 3.47E-10 | 3.39E-10 |
| 167484.882131965390 | 167484.88 | 3908961.62 | FENCEGRD | 2.74E-08 | 2.75E-08 | 2.77E-08 | 2.77E-08 | 1.72E-09 | 3.57E-08 | 3.26E-10 | 3.20E-10 | 3.15E-10 | 3.10E-10 |
| 167473.648495601390 | 167473.65 | 3908982.27 | FENCEGRD | 2.81E-08 | 2.84E-08 | 2.87E-08 | 2.89E-08 | 1.55E-09 | 4.03E-08 | 3.08E-10 | 3.05E-10 | 3.02E-10 | 2.99E-10 |
| 167462.414859238390 | 167462.41 | 3909002.92 | FENCEGRD | 2.94E-08 | 2.97E-08 | 3.01E-08 | 3.03E-08 | 1.38E-09 | 4.48E-08 | 3.13E-10 | 3.10E-10 | 3.08E-10 | 3.06E-10 |
| 167451.181222874390 | 167451.18 | 3909023.57 | FENCEGRD | 3.15E-08 | 3.19E-08 | 3.23E-08 | 3.26E-08 | 1.22E-09 | 4.90E-08 | 3.37E-10 | 3.34E-10 | 3.31E-10 | 3.29E-10 |
| 167439.947586511390 | 167439.95 | 3909044.22 | FENCEGRD | 3.64E-08 | 3.67E-08 | 3.72E-08 | 3.75E-08 | 1.09E-09 | 5.30E-08 | 3.90E-10 | 3.85E-10 | 3.81E-10 | 3.77E-10 |
| 167522.273055216390 | 167522.27 | 3908799.03 | FENCEGRD | 3.63E-08 | 3.46E-08 | 3.27E-08 | 3.13E-08 | 1.99E-09 | 8.89E-09 | 5.13E-10 | 4.99E-10 | 4.85E-10 | 4.72E-10 |
| 167550.095298589390 | 167550.10 | 3908769.45 | FENCEGRD | 4.35E-08 | 4.12E-08 | 3.88E-08 | 3.69E-08 | 2.22E-09 | 8.56E-09 | 6.30E-10 | 6.13E-10 | 5.95E-10 | 5.79E-10 |
| 167497.128297166390 | 167497.13 | 3908834.47 | FENCEGRD | 3.08E-08 | 2.95E-08 | 2.82E-08 | 2.71E-08 | 1.77E-09 | 1.09E-08 | 4.11E-10 | 4.01E-10 | 3.90E-10 | 3.80E-10 |
| 167485.894660802390 | 167485.89 | 3908855.12 | FENCEGRD | 2.86E-08 | 2.76E-08 | 2.65E-08 | 2.56E-08 | 1.67E-09 | 1.30E-08 | 3.68E-10 | 3.59E-10 | 3.50E-10 | 3.41E-10 |
| 167474.661024438390 | 167474.66 | 3908875.77 | FENCEGRD | 2.69E-08 | 2.62E-08 | 2.53E-08 | 2.47E-08 | 1.56E-09 | 1.57E-08 | 3.28E-10 | 3.21E-10 | 3.14E-10 | 3.07E-10 |
| 167463.427388075390 | 167463.43 | 3908896.42 | FENCEGRD | 2.61E-08 | 2.56E-08 | 2.50E-08 | 2.46E-08 | 1.44E-09 | 1.88E-08 | 2.95E-10 | 2.90E-10 | 2.84E-10 | 2.80E-10 |
| 167452.193751711390 | 167452.19 | 3908917.07 | FENCEGRD | 2.64E-08 | 2.60E-08 | 2.57E-08 | 2.54E-08 | 1.32E-09 | 2.23E-08 | 2.72E-10 | 2.69E-10 | 2.65E-10 | 2.62E-10 |
| 167440.960115347390 | 167440.96 | 3908937.73 | FENCEGRD | 2.75E-08 | 2.73E-08 | 2.70E-08 | | | | | | | |

16<30 Dose

| | | | | 16<30 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167398.050627566390 | 167398.05 | 3908807.34 | FENCEGRD | 2.02E-08 | 1.98E-08 | 1.94E-08 | 1.91E-08 | 9.59E-10 | 8.01E-09 | 2.20E-10 | 2.17E-10 | 2.15E-10 | 2.12E-10 |
| 167386.816991203390 | 167386.82 | 3908827.99 | FENCEGRD | 2.06E-08 | 2.03E-08 | 2.00E-08 | 1.97E-08 | 8.92E-10 | 9.33E-09 | 2.11E-10 | 2.09E-10 | 2.07E-10 | 2.06E-10 |
| 167375.583354839390 | 167375.58 | 3908848.64 | FENCEGRD | 2.15E-08 | 2.12E-08 | 2.09E-08 | 2.06E-08 | 8.28E-10 | 1.10E-08 | 2.09E-10 | 2.08E-10 | 2.07E-10 | 2.06E-10 |
| 167364.349718476390 | 167364.35 | 3908869.29 | FENCEGRD | 2.26E-08 | 2.23E-08 | 2.20E-08 | 2.17E-08 | 7.67E-10 | 1.30E-08 | 2.15E-10 | 2.15E-10 | 2.14E-10 | 2.13E-10 |
| 167353.116082112390 | 167353.12 | 3908889.94 | FENCEGRD | 2.38E-08 | 2.35E-08 | 2.31E-08 | 2.28E-08 | 7.14E-10 | 1.54E-08 | 2.28E-10 | 2.27E-10 | 2.26E-10 | 2.26E-10 |
| 167341.882445748390 | 167341.88 | 3908910.59 | FENCEGRD | 2.48E-08 | 2.44E-08 | 2.40E-08 | 2.37E-08 | 6.71E-10 | 1.79E-08 | 2.43E-10 | 2.42E-10 | 2.41E-10 | 2.41E-10 |
| 167330.648809385390 | 167330.65 | 3908931.24 | FENCEGRD | 2.59E-08 | 2.55E-08 | 2.50E-08 | 2.46E-08 | 6.46E-10 | 2.06E-08 | 2.60E-10 | 2.59E-10 | 2.58E-10 | 2.57E-10 |
| 167319.415173021390 | 167319.42 | 3908951.89 | FENCEGRD | 2.77E-08 | 2.72E-08 | 2.67E-08 | 2.63E-08 | 6.41E-10 | 2.33E-08 | 2.80E-10 | 2.78E-10 | 2.76E-10 | 2.75E-10 |
| 167308.181536657390 | 167308.18 | 3908972.54 | FENCEGRD | 3.06E-08 | 3.00E-08 | 2.94E-08 | 2.88E-08 | 6.55E-10 | 2.62E-08 | 3.06E-10 | 3.04E-10 | 3.02E-10 | 3.00E-10 |
| 167296.947900294390 | 167296.95 | 3908993.19 | FENCEGRD | 3.46E-08 | 3.38E-08 | 3.31E-08 | 3.24E-08 | 6.85E-10 | 2.92E-08 | 3.46E-10 | 3.42E-10 | 3.39E-10 | 3.36E-10 |
| 167348.130668932390 | 167348.13 | 3908701.82 | FENCEGRD | 1.63E-08 | 1.60E-08 | 1.56E-08 | 1.53E-08 | 7.80E-10 | 4.64E-09 | 1.92E-10 | 1.90E-10 | 1.87E-10 | 1.85E-10 |
| 167379.044272683908 | 167379.04 | 3908668.95 | FENCEGRD | 1.75E-08 | 1.70E-08 | 1.65E-08 | 1.60E-08 | 9.05E-10 | 4.27E-09 | 2.25E-10 | 2.22E-10 | 2.18E-10 | 2.15E-10 |
| 167394.501074554390 | 167394.50 | 3908652.52 | FENCEGRD | 1.83E-08 | 1.78E-08 | 1.72E-08 | 1.67E-08 | 9.71E-10 | 4.19E-09 | 2.46E-10 | 2.42E-10 | 2.38E-10 | 2.34E-10 |
| 167409.957876428390 | 167409.96 | 3908636.09 | FENCEGRD | 1.94E-08 | 1.88E-08 | 1.81E-08 | 1.76E-08 | 1.05E-09 | 4.21E-09 | 2.70E-10 | 2.65E-10 | 2.60E-10 | 2.55E-10 |
| 167440.871480176390 | 167440.87 | 3908603.22 | FENCEGRD | 2.20E-08 | 2.12E-08 | 2.04E-08 | 1.97E-08 | 1.22E-09 | 4.53E-09 | 3.25E-10 | 3.19E-10 | 3.12E-10 | 3.06E-10 |
| 167456.328282053908 | 167456.33 | 3908586.79 | FENCEGRD | 2.35E-08 | 2.26E-08 | 2.17E-08 | 2.10E-08 | 1.31E-09 | 4.80E-09 | 3.57E-10 | 3.50E-10 | 3.43E-10 | 3.36E-10 |
| 167332.673867058390 | 167332.67 | 3908718.25 | FENCEGRD | 1.61E-08 | 1.58E-08 | 1.55E-08 | 1.52E-08 | 7.21E-10 | 4.95E-09 | 1.81E-10 | 1.79E-10 | 1.78E-10 | 1.76E-10 |
| 167321.440230695390 | 167321.44 | 3908738.90 | FENCEGRD | 1.64E-08 | 1.61E-08 | 1.58E-08 | 1.56E-08 | 6.75E-10 | 5.43E-09 | 1.76E-10 | 1.75E-10 | 1.74E-10 | 1.73E-10 |
| 167310.206594331390 | 167310.21 | 3908759.55 | FENCEGRD | 1.68E-08 | 1.66E-08 | 1.63E-08 | 1.61E-08 | 6.33E-10 | 6.03E-09 | 1.76E-10 | 1.76E-10 | 1.75E-10 | 1.74E-10 |
| 167298.972957967390 | 167298.97 | 3908780.20 | FENCEGRD | 1.75E-08 | 1.72E-08 | 1.70E-08 | 1.67E-08 | 5.95E-10 | 6.78E-09 | 1.81E-10 | 1.80E-10 | 1.80E-10 | 1.79E-10 |
| 167287.739321604390 | 167287.74 | 3908800.85 | FENCEGRD | 1.82E-08 | 1.80E-08 | 1.77E-08 | 1.74E-08 | 5.63E-10 | 7.69E-09 | 1.89E-10 | 1.88E-10 | 1.88E-10 | 1.87E-10 |
| 167276.505685243908 | 167276.51 | 3908821.50 | FENCEGRD | 1.90E-08 | 1.87E-08 | 1.84E-08 | 1.82E-08 | 5.42E-10 | 8.78E-09 | 2.00E-10 | 1.99E-10 | 1.99E-10 | 1.98E-10 |
| 167265.272048877390 | 167265.27 | 3908842.15 | FENCEGRD | 1.97E-08 | 1.94E-08 | 1.90E-08 | 1.88E-08 | 5.32E-10 | 1.01E-08 | 2.12E-10 | 2.11E-10 | 2.10E-10 | 2.10E-10 |
| 167254.038412513390 | 167254.04 | 3908862.81 | FENCEGRD | 2.03E-08 | 2.00E-08 | 1.96E-08 | 1.93E-08 | 5.33E-10 | 1.16E-08 | 2.24E-10 | 2.23E-10 | 2.22E-10 | 2.21E-10 |
| 167242.804776149390 | 167242.80 | 3908883.46 | FENCEGRD | 2.11E-08 | 2.07E-08 | 2.03E-08 | 2.00E-08 | 5.46E-10 | 1.33E-08 | 2.36E-10 | 2.35E-10 | 2.33E-10 | 2.32E-10 |
| 167231.571139786390 | 167231.57 | 3908904.11 | FENCEGRD | 2.23E-08 | 2.19E-08 | 2.15E-08 | 2.11E-08 | 5.70E-10 | 1.52E-08 | 2.49E-10 | 2.47E-10 | 2.46E-10 | 2.45E-10 |
| 167220.337503422390 | 167220.34 | 3908924.76 | FENCEGRD | 2.41E-08 | 2.37E-08 | 2.32E-08 | 2.28E-08 | 6.01E-10 | 1.72E-08 | 2.66E-10 | 2.64E-10 | 2.63E-10 | 2.61E-10 |
| 167209.103867058390 | 167209.10 | 3908945.41 | FENCEGRD | 2.65E-08 | 2.60E-08 | 2.54E-08 | 2.49E-08 | 6.35E-10 | 1.93E-08 | 2.92E-10 | 2.89E-10 | 2.87E-10 | 2.85E-10 |
| 167260.637926649390 | 167260.64 | 3908653.66 | FENCEGRD | 1.40E-08 | 1.38E-08 | 1.35E-08 | 1.33E-08 | 5.66E-10 | 4.09E-09 | 1.59E-10 | 1.58E-10 | 1.57E-10 | 1.56E-10 |
| 167276.446019474390 | 167276.45 | 3908636.85 | FENCEGRD | 1.41E-08 | 1.38E-08 | 1.35E-08 | 1.33E-08 | 6.13E-10 | 3.93E-09 | 1.64E-10 | 1.63E-10 | 1.61E-10 | 1.60E-10 |
| 167292.254112339086 | 167292.25 | 3908620.05 | FENCEGRD | 1.44E-08 | 1.41E-08 | 1.37E-08 | 1.34E-08 | 6.66E-10 | 3.83E-09 | 1.74E-10 | 1.72E-10 | 1.70E-10 | 1.68E-10 |
| 167308.062205126390 | 167308.06 | 3908603.24 | FENCEGRD | 1.49E-08 | 1.45E-08 | 1.41E-08 | 1.37E-08 | 7.21E-10 | 3.78E-09 | 1.87E-10 | 1.85E-10 | 1.82E-10 | 1.80E-10 |
| 167323.870297951390 | 167323.87 | 3908586.43 | FENCEGRD | 1.55E-08 | 1.51E-08 | 1.46E-08 | 1.42E-08 | 7.77E-10 | 3.78E-09 | 2.03E-10 | 2.00E-10 | 1.97E-10 | 1.94E-10 |
| 167339.678390777390 | 167339.68 | 3908569.63 | FENCEGRD | 1.63E-08 | 1.58E-08 | 1.53E-08 | 1.48E-08 | 8.33E-10 | 3.82E-09 | 2.21E-10 | 2.17E-10 | 2.14E-10 | 2.10E-10 |
| 167355.486483603390 | 167355.49 | 3908552.82 | FENCEGRD | 1.70E-08 | 1.65E-08 | 1.60E-08 | 1.55E-08 | 8.90E-10 | 3.88E-09 | 2.40E-10 | 2.36E-10 | 2.32E-10 | 2.28E-10 |
| 167371.294576428390 | 167371.29 | 3908536.02 | FENCEGRD | 1.80E-08 | 1.74E-08 | 1.68E-08 | 1.63E-08 | 9.56E-10 | 4.02E-09 | 2.62E-10 | 2.57E-10 | 2.52E-10 | 2.48E-10 |
| 167387.102669254390 | 167387.10 | 3908519.21 | FENCEGRD | 1.89E-08 | 1.83E-08 | 1.77E-08 | 1.71E-08 | 1.03E-09 | 4.19E-09 | 2.85E-10 | 2.80E-10 | 2.75E-10 | 2.70E-10 |
| 167402.910762083908 | 167402.91 | 3908502.40 | FENCEGRD | 2.00E-08 | 1.93E-08 | 1.86E-08 | 1.80E-08 | 1.10E-09 | 4.40E-09 | 3.09E-10 | 3.03E-10 | 2.98E-10 | 2.92E-10 |
| 167244.829833823390 | 167244.83 | 3908670.46 | FENCEGRD | 1.41E-08 | 1.38E-08 | 1.36E-08 | 1.34E-08 | 5.25E-10 | 4.30E-09 | 1.58E-10 | 1.57E-10 | 1.56E-10 | 1.55E-10 |
| 167233.596197459390 | 167233.60 | 3908691.11 | FENCEGRD | 1.43E-08 | 1.41E-08 | 1.39E-08 | 1.37E-08 | 4.97E-10 | 4.63E-09 | 1.60E-10 | 1.59E-10 | 1.59E-10 | 1.58E-10 |
| 167222.362561096390 | 167222.36 | 3908711.77 | FENCEGRD | 1.47E-08 | 1.45E-08 | 1.43E-08 | 1.41E-08 | 4.76E-10 | 5.02E-09 | 1.65E-10 | 1.64E-10 | 1.64E-10 | 1.63E-10 |
| 167211.128924732390 | 167211.13 | 3908732.42 | FENCEGRD | 1.52E-08 | 1.50E-08 | 1.47E-08 | 1.45E-08 | 4.62E-10 | 5.49E-09 | 1.72E-10 | 1.71E-10 | 1.71E-10 | 1.70E-10 |
| 167199.895288368390 | 167199.90 | 3908753.07 | FENCEGRD | 1.56E-08 | 1.54E-08 | 1.52E-08 | 1.50E-08 | 4.57E-10 | 6.05E-09 | 1.80E-10 | 1.79E-10 | 1.78E-10 | 1.78E-10 |
| 167188.661652005390 | 167188.66 | 3908773.72 | FENCEGRD | 1.61E-08 | 1.58E-08 | 1.55E-08 | 1.53E-08 | 4.59E-10 | 6.70E-09 | 1.88E-10 | 1.88E-10 | 1.87E-10 | 1.86E-10 |
| 167177.428015641390 | 167177.43 | 3908794.37 | FENCEGRD | 1.64E-08 | 1.61E-08 | 1.58E-08 | 1.56E-08 | 4.69E-10 | 7.45E-09 | 1.97E-10 | 1.96E-10 | 1.95E-10 | 1.94E-10 |
| 167166.194379277390 | 167166.19 | 3908815.02 | FENCEGRD | 1.67E-08 | 1.64E-08 | 1.61E-08 | 1.59E-08 | 4.85E-10 | 8.32E-09 | 2.04E-10 | 2.03E-10 | 2.02E-10 | 2.01E-10 |
| 167154.960742914390 | 167154.96 | 3908835.67 | FENCEGRD | 1.72E-08 | 1.69E-08 | 1.66E-08 | 1.63E-08 | 5.06E-10 | 9.31E-09 | 2.12E-10 | 2.10E-10 | 2.09E-10 | 2.08E-10 |
| 167143.727106553908 | 167143.73 | 3908856.32 | FENCEGRD | 1.80E-08 | 1.77E-08 | 1.74E-08 | 1.71E-08 | 5.32E-10 | 1.05E-08 | 2.20E-10 | 2.19E-10 | 2.18E-10 | 2.17E-10 |
| 167132.493470187390 | 167132.49 | 3908876.97 | FENCEGRD | 1.92E-08 | 1.89E-08 | 1.86E-08 | 1.83E-08 | 5.60E-10 | 1.18E-08 | 2.33E-10 | 2.31E-10 | 2.30E-10 | 2.29E-10 |
| 167121.259833823390 | 167121.26 | 3908897.62 | FENCEGRD | 2.09E-08 | 2.05E-08 | 2.01E-08 | 1.97E-08 | 5.88E-10 | 1.33E-08 | 2.52E-10 | 2.50E-10 | 2.48E-10 | 2.47E-10 |
| 167173.037094841390 | 167173.04 | 3908605.61 | FENCEGRD | 1.29E-08 | 1.27E-08 | 1.25E-08 | 1.23E-08 | 4.58E-10 | 3.86E-09 | 1.53E-10 | 1.52E-10 | 1.51E-10 | 1.51E-10 |
| 167189.088389095390 | 167189.09 | 3908588.55 | FENCEGRD | 1.30E-08 | 1.28E-08 | 1.26E-08 | 1.23E-08 | 4.93E-10 | 3.79E-09 | 1.55E-10 | 1.54E-10 | 1.53E-10 | 1.52E-10 |
| 167205.139683349390 | 167205.14 | 3908571.49 | FENCEGRD | 1.32E-08 | 1.29E-08 | 1.27E-08 | 1.24E-08 | 5.35E-10 | 3.75E-09 | 1.59E-10 | 1.57E-10 | 1.56E-10 | 1.55E-10 |
| 167221.190977602390 | 167221.19 | 3908554.42 | FENCEGRD | 1.34E-08 | 1.32E-08 | 1.29E-08 | 1.26E-08 | 5.86E-10 | 3.76E-09 | 1.67E-10 | 1.65E-10 | 1.64E-10 | 1.62E-10 |
| 167237.242271856390 | 167237.24 | 3908537.36 | FENCEGRD | 1.29E-08 | 1.29E-08 | 1.32E-08 | 1.30E-08 | 6.53E-10 | 3.56E-09 | 1.76E-10 | 1.76E-10 | 1.75E-10 | 1.74E-10 |
| 167253.293566113908 | 167253.29 | 3908520.29 | FENCEGRD | 1.20E-08 | 1.20E-08 | 1.21E-08 | 1.22E-08 | 6.96E-10 | 3.35E-09 | 1.76E-10 | 1.75E-10 | 1.74E-10 | 1.73E-10 |
| 167269.344860364390 | 167269.34 | 3908503.23 | FENCEGRD | 1.17E-08 | 1.16E-08 | 1.16E-08 | 1.16E-08 | 7.09E-10 | 3.22E-09 | 1.79E-10 | 1.78E-10 | 1.77E-10 | 1.75E-10 |
| 167285.396154618390 | 167285.40 | 3908486.16 | FENCEGRD | 1.17E-08 | 1.16E-08 | 1.16E-08 | 1.16E-08 | 7.32E-10 | 3.16E-09 | 1.86E-10 | 1.85E-10 | 1.83E-10 | 1.82E-10 |
| 167301.447448871390 | 167301.45 | 3908469.10 | FENCEGRD | 1.18E-08 | 1.17E-08 | 1.17E-08 | 1.16E-08 | 7.59E-10 | 3.14E-09 | 1.96E-10 | 1.94E-10 | 1.92E-10 | 1.91E-10 |
| 167317.498743125390 | 167317.50 | 3908452.03 | FENCEGRD | 1.20E-08 | 1.19E-08 | 1.19E-08 | 1.18E-08 | 7.90E-10 | 3.16E-09 | 2.08E-10 | 2.06E-10 | 2.03E-10 | 2.01E-10 |
| 167333.550037379390 | 167333.55 | 3908434.97 | FENCEGRD | 1.25E-08 | 1.23E-08 | 1.22E-08 | 1.22E-08 | 8.26E-10 | 3.21E-09 | 2.21E-10 | 2.19E-10 | 2.16E-10 | 2.14E-10 |
| 167349.601331633390 | 167349.60 | 3908417.90 | FENCEGRD | 1.29E-08 | 1.27E-08 | 1.26E-08 | | | | | | | |

16<30 Dose

| | | | | 16<30 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167024.207221897390 | 167024.21 | 3908657.50 | FENCEGRD | 1.17E-08 | 1.15E-08 | 1.13E-08 | 1.11E-08 | 3.91E-10 | 4.29E-09 | 1.59E-10 | 1.58E-10 | 1.58E-10 | 1.57E-10 |
| 167012.973585534390 | 167012.97 | 3908678.15 | FENCEGRD | 1.18E-08 | 1.16E-08 | 1.14E-08 | 1.12E-08 | 4.04E-10 | 4.60E-09 | 1.64E-10 | 1.63E-10 | 1.62E-10 | 1.61E-10 |
| 167001.739949173908 | 167001.74 | 3908698.80 | FENCEGRD | 1.18E-08 | 1.16E-08 | 1.14E-08 | 1.13E-08 | 4.18E-10 | 4.93E-09 | 1.67E-10 | 1.66E-10 | 1.65E-10 | 1.64E-10 |
| 166990.506312807390 | 166990.51 | 3908719.45 | FENCEGRD | 1.19E-08 | 1.17E-08 | 1.16E-08 | 1.14E-08 | 4.33E-10 | 5.30E-09 | 1.69E-10 | 1.68E-10 | 1.67E-10 | 1.66E-10 |
| 166979.272676443390 | 166979.27 | 3908740.10 | FENCEGRD | 1.21E-08 | 1.20E-08 | 1.18E-08 | 1.16E-08 | 4.49E-10 | 5.71E-09 | 1.71E-10 | 1.70E-10 | 1.70E-10 | 1.69E-10 |
| 166968.039040079390 | 166968.04 | 3908760.75 | FENCEGRD | 1.25E-08 | 1.23E-08 | 1.22E-08 | 1.20E-08 | 4.64E-10 | 6.18E-09 | 1.75E-10 | 1.74E-10 | 1.73E-10 | 1.73E-10 |
| 166956.805403716390 | 166956.81 | 3908781.40 | FENCEGRD | 1.31E-08 | 1.29E-08 | 1.27E-08 | 1.25E-08 | 4.78E-10 | 6.70E-09 | 1.82E-10 | 1.81E-10 | 1.80E-10 | 1.79E-10 |
| 166945.571767352390 | 166945.57 | 3908802.05 | FENCEGRD | 1.38E-08 | 1.36E-08 | 1.34E-08 | 1.32E-08 | 4.91E-10 | 7.30E-09 | 1.93E-10 | 1.92E-10 | 1.90E-10 | 1.89E-10 |
| 167371.888474415390 | 167371.89 | 3909070.62 | FENCEGRD | 6.01E-08 | 5.85E-08 | 5.68E-08 | 5.51E-08 | 8.32E-10 | 5.13E-08 | 5.87E-10 | 5.73E-10 | 5.61E-10 | 5.52E-10 |
| 167324.488572333390 | 167324.49 | 3909054.72 | FENCEGRD | 5.37E-08 | 5.19E-08 | 5.03E-08 | 4.88E-08 | 7.98E-10 | 4.29E-08 | 5.39E-10 | 5.28E-10 | 5.20E-10 | 5.12E-10 |
| 167277.083364552390 | 167277.08 | 3909038.83 | FENCEGRD | 4.72E-08 | 4.58E-08 | 4.44E-08 | 4.31E-08 | 7.83E-10 | 3.60E-08 | 5.01E-10 | 4.93E-10 | 4.86E-10 | 4.80E-10 |
| 167287.015632423390 | 167287.02 | 3909016.01 | FENCEGRD | 4.02E-08 | 3.92E-08 | 3.81E-08 | 3.72E-08 | 7.31E-10 | 3.27E-08 | 4.10E-10 | 4.04E-10 | 4.00E-10 | 3.96E-10 |
| 167182.264672139090 | 167182.26 | 3909007.07 | FENCEGRD | 3.66E-08 | 3.56E-08 | 3.47E-08 | 3.38E-08 | 7.42E-10 | 2.60E-08 | 4.40E-10 | 4.34E-10 | 4.29E-10 | 4.24E-10 |
| 167192.329370213908 | 167192.33 | 3908983.95 | FENCEGRD | 3.23E-08 | 3.15E-08 | 3.07E-08 | 3.00E-08 | 6.99E-10 | 2.34E-08 | 3.70E-10 | 3.66E-10 | 3.62E-10 | 3.59E-10 |
| 167087.440283725390 | 167087.44 | 3908975.32 | FENCEGRD | 2.92E-08 | 2.85E-08 | 2.78E-08 | 2.72E-08 | 6.93E-10 | 1.97E-08 | 3.93E-10 | 3.88E-10 | 3.84E-10 | 3.80E-10 |
| 167096.458830418390 | 167096.46 | 3908954.60 | FENCEGRD | 2.65E-08 | 2.60E-08 | 2.54E-08 | 2.48E-08 | 6.58E-10 | 1.78E-08 | 3.43E-10 | 3.39E-10 | 3.36E-10 | 3.33E-10 |
| 167106.604695447390 | 167106.60 | 3908931.29 | FENCEGRD | 2.39E-08 | 2.34E-08 | 2.29E-08 | 2.25E-08 | 6.27E-10 | 1.58E-08 | 2.97E-10 | 2.95E-10 | 2.92E-10 | 2.90E-10 |
| 166992.612970415390 | 166992.61 | 3908943.58 | FENCEGRD | 2.37E-08 | 2.32E-08 | 2.27E-08 | 2.23E-08 | 6.39E-10 | 1.52E-08 | 3.50E-10 | 3.47E-10 | 3.43E-10 | 3.40E-10 |
| 167001.680266009390 | 167001.68 | 3908922.75 | FENCEGRD | 2.19E-08 | 2.15E-08 | 2.10E-08 | 2.06E-08 | 6.08E-10 | 1.38E-08 | 3.12E-10 | 3.09E-10 | 3.07E-10 | 3.04E-10 |
| 167010.747561603390 | 167010.75 | 3908901.92 | FENCEGRD | 2.03E-08 | 1.99E-08 | 1.95E-08 | 1.91E-08 | 5.85E-10 | 1.24E-08 | 2.79E-10 | 2.76E-10 | 2.74E-10 | 2.72E-10 |
| 167019.814857197390 | 167019.81 | 3908881.09 | FENCEGRD | 1.87E-08 | 1.83E-08 | 1.80E-08 | 1.77E-08 | 5.64E-10 | 1.11E-08 | 2.50E-10 | 2.48E-10 | 2.46E-10 | 2.44E-10 |
| 166897.783956562390 | 166897.78 | 3908911.84 | FENCEGRD | 1.96E-08 | 1.93E-08 | 1.89E-08 | 1.85E-08 | 5.90E-10 | 1.19E-08 | 3.14E-10 | 3.11E-10 | 3.08E-10 | 3.05E-10 |
| 166906.886396713390 | 166906.89 | 3908890.93 | FENCEGRD | 1.83E-08 | 1.79E-08 | 1.76E-08 | 1.73E-08 | 5.58E-10 | 1.08E-08 | 2.83E-10 | 2.80E-10 | 2.78E-10 | 2.76E-10 |
| 166915.988836863390 | 166915.99 | 3908870.02 | FENCEGRD | 1.70E-08 | 1.67E-08 | 1.64E-08 | 1.61E-08 | 5.35E-10 | 9.81E-09 | 2.55E-10 | 2.53E-10 | 2.51E-10 | 2.49E-10 |
| 166925.091277014390 | 166925.09 | 3908849.11 | FENCEGRD | 1.59E-08 | 1.56E-08 | 1.54E-08 | 1.51E-08 | 5.19E-10 | 8.94E-09 | 2.31E-10 | 2.30E-10 | 2.28E-10 | 2.27E-10 |
| 166934.193717164390 | 166934.19 | 3908828.19 | FENCEGRD | 1.49E-08 | 1.47E-08 | 1.44E-08 | 1.42E-08 | 5.06E-10 | 8.16E-09 | 2.12E-10 | 2.10E-10 | 2.09E-10 | 2.08E-10 |
| 167363.014395385390 | 167363.01 | 3909118.12 | FENCEGRD | 1.08E-07 | 1.03E-07 | 9.81E-08 | 9.35E-08 | 9.77E-10 | 6.06E-08 | 1.11E-09 | 1.07E-09 | 1.03E-09 | 1.00E-09 |
| 167359.573909162.59 | 167359.57 | 3909162.59 | FENCEGRD | 1.74E-07 | 1.66E-07 | 1.58E-07 | 1.51E-07 | 1.34E-09 | 6.85E-08 | 2.13E-09 | 2.04E-09 | 1.95E-09 | 1.88E-09 |
| 167359.573909185.91 | 167359.57 | 3909185.91 | FENCEGRD | 2.09E-07 | 2.00E-07 | 1.91E-07 | 1.83E-07 | 1.71E-09 | 7.24E-08 | 2.88E-09 | 2.77E-09 | 2.66E-09 | 2.57E-09 |
| 167359.573909209.23 | 167359.57 | 3909209.24 | FENCEGRD | 2.41E-07 | 2.32E-07 | 2.22E-07 | 2.13E-07 | 2.33E-09 | 7.56E-08 | 3.74E-09 | 3.61E-09 | 3.49E-09 | 3.38E-09 |
| 167359.573909232.55 | 167359.57 | 3909232.56 | FENCEGRD | 2.68E-07 | 2.60E-07 | 2.50E-07 | 2.41E-07 | 3.36E-09 | 7.78E-08 | 4.63E-09 | 4.48E-09 | 4.36E-09 | 4.23E-09 |
| 167359.573909255.87 | 167359.57 | 3909255.88 | FENCEGRD | 2.87E-07 | 2.80E-07 | 2.71E-07 | 2.63E-07 | 4.99E-09 | 7.87E-08 | 5.42E-09 | 5.29E-09 | 5.17E-09 | 5.04E-09 |
| 167312.799120674390 | 167312.80 | 3909119.44 | FENCEGRD | 1.05E-07 | 9.98E-08 | 9.47E-08 | 9.03E-08 | 1.06E-09 | 5.54E-08 | 1.14E-09 | 1.11E-09 | 1.07E-09 | 1.04E-09 |
| 167319.257362021390 | 167319.26 | 3909079.78 | FENCEGRD | 6.85E-08 | 6.57E-08 | 6.31E-08 | 6.08E-08 | 8.69E-10 | 4.77E-08 | 7.08E-10 | 6.91E-10 | 6.76E-10 | 6.63E-10 |
| 167309.573909162.59 | 167309.57 | 3909162.59 | FENCEGRD | 1.56E-07 | 1.49E-07 | 1.42E-07 | 1.35E-07 | 1.47E-09 | 6.34E-08 | 1.95E-09 | 1.88E-09 | 1.82E-09 | 1.76E-09 |
| 167309.573909185.91 | 167309.57 | 3909185.91 | FENCEGRD | 1.84E-07 | 1.76E-07 | 1.68E-07 | 1.61E-07 | 1.87E-09 | 6.76E-08 | 2.55E-09 | 2.46E-09 | 2.38E-09 | 2.31E-09 |
| 167309.573909209.23 | 167309.57 | 3909209.24 | FENCEGRD | 2.11E-07 | 2.03E-07 | 1.94E-07 | 1.86E-07 | 2.47E-09 | 7.13E-08 | 3.22E-09 | 3.12E-09 | 3.03E-09 | 2.94E-09 |
| 167309.573909232.55 | 167309.57 | 3909232.56 | FENCEGRD | 2.37E-07 | 2.28E-07 | 2.18E-07 | 2.10E-07 | 3.39E-09 | 7.43E-08 | 3.92E-09 | 3.81E-09 | 3.71E-09 | 3.62E-09 |
| 167309.573909255.87 | 167309.57 | 3909255.88 | FENCEGRD | 2.55E-07 | 2.47E-07 | 2.38E-07 | 2.29E-07 | 4.70E-09 | 7.52E-08 | 4.54E-09 | 4.43E-09 | 4.33E-09 | 4.23E-09 |
| 167309.573909279.2 | 167309.57 | 3909279.20 | FENCEGRD | 2.65E-07 | 2.58E-07 | 2.50E-07 | 2.43E-07 | 6.41E-09 | 7.44E-08 | 5.04E-09 | 4.94E-09 | 4.84E-09 | 4.75E-09 |
| 167262.669955847390 | 167262.67 | 3909120.23 | FENCEGRD | 9.78E-08 | 9.32E-08 | 8.86E-08 | 8.47E-08 | 1.14E-09 | 5.05E-08 | 1.14E-09 | 1.11E-09 | 1.08E-09 | 1.05E-09 |
| 167268.869867543909 | 167268.87 | 3909082.16 | FENCEGRD | 6.82E-08 | 6.53E-08 | 6.26E-08 | 6.03E-08 | 9.17E-10 | 4.35E-08 | 7.63E-10 | 7.45E-10 | 7.30E-10 | 7.16E-10 |
| 167259.573909162.59 | 167259.57 | 3909162.59 | FENCEGRD | 1.39E-07 | 1.33E-07 | 1.27E-07 | 1.21E-07 | 1.60E-09 | 5.86E-08 | 1.82E-09 | 1.76E-09 | 1.71E-09 | 1.66E-09 |
| 167259.573909185.91 | 167259.57 | 3909185.91 | FENCEGRD | 1.62E-07 | 1.56E-07 | 1.48E-07 | 1.42E-07 | 2.00E-09 | 6.28E-08 | 2.31E-09 | 2.24E-09 | 2.17E-09 | 2.11E-09 |
| 167259.573909209.23 | 167259.57 | 3909209.24 | FENCEGRD | 1.84E-07 | 1.76E-07 | 1.68E-07 | 1.62E-07 | 2.57E-09 | 6.61E-08 | 2.84E-09 | 2.76E-09 | 2.69E-09 | 2.62E-09 |
| 167259.573909232.55 | 167259.57 | 3909232.56 | FENCEGRD | 2.02E-07 | 1.94E-07 | 1.86E-07 | 1.79E-07 | 3.36E-09 | 6.82E-08 | 3.35E-09 | 3.27E-09 | 3.19E-09 | 3.12E-09 |
| 167259.573909255.87 | 167259.57 | 3909255.88 | FENCEGRD | 2.17E-07 | 2.09E-07 | 2.01E-07 | 1.95E-07 | 4.43E-09 | 6.91E-08 | 3.82E-09 | 3.73E-09 | 3.66E-09 | 3.58E-09 |
| 167259.573909279.2 | 167259.57 | 3909279.20 | FENCEGRD | 2.27E-07 | 2.21E-07 | 2.13E-07 | 2.07E-07 | 5.78E-09 | 6.90E-08 | 4.23E-09 | 4.14E-09 | 4.07E-09 | 3.99E-09 |
| 167163.014395385390 | 167163.01 | 3909118.12 | FENCEGRD | 7.98E-08 | 7.65E-08 | 7.31E-08 | 7.02E-08 | 1.27E-09 | 4.14E-08 | 1.07E-09 | 1.04E-09 | 1.02E-09 | 1.00E-09 |
| 167169.903186155390 | 167169.90 | 3909075.82 | FENCEGRD | 5.82E-08 | 5.60E-08 | 5.38E-08 | 5.20E-08 | 9.74E-10 | 3.54E-08 | 7.54E-10 | 7.39E-10 | 7.26E-10 | 7.14E-10 |
| 167176.791976925390 | 167176.79 | 3909033.51 | FENCEGRD | 4.31E-08 | 4.18E-08 | 4.05E-08 | 3.93E-08 | 8.06E-10 | 2.94E-08 | 5.39E-10 | 5.30E-10 | 5.23E-10 | 5.16E-10 |
| 167159.573909162.59 | 167159.57 | 3909162.59 | FENCEGRD | 1.07E-07 | 1.03E-07 | 9.85E-08 | 9.47E-08 | 1.77E-09 | 4.75E-08 | 1.56E-09 | 1.52E-09 | 1.48E-09 | 1.45E-09 |
| 167159.573909185.91 | 167159.57 | 3909185.91 | FENCEGRD | 1.22E-07 | 1.17E-07 | 1.12E-07 | 1.08E-07 | 2.24E-09 | 5.07E-08 | 1.88E-09 | 1.83E-09 | 1.79E-09 | 1.75E-09 |
| 167159.573909209.23 | 167159.57 | 3909209.24 | FENCEGRD | 1.35E-07 | 1.30E-07 | 1.25E-07 | 1.21E-07 | 2.62E-09 | 5.35E-08 | 2.23E-09 | 2.18E-09 | 2.13E-09 | 2.08E-09 |
| 167159.573909232.55 | 167159.57 | 3909232.56 | FENCEGRD | 1.47E-07 | 1.42E-07 | 1.37E-07 | 1.32E-07 | 3.23E-09 | 5.58E-08 | 2.57E-09 | 2.52E-09 | 2.47E-09 | 2.42E-09 |
| 167159.573909255.87 | 167159.57 | 3909255.88 | FENCEGRD | 1.58E-07 | 1.53E-07 | 1.48E-07 | 1.43E-07 | 3.99E-09 | 5.76E-08 | 2.90E-09 | 2.84E-09 | 2.79E-09 | 2.74E-09 |
| 167159.573909279.2 | 167159.57 | 3909279.20 | FENCEGRD | 1.68E-07 | 1.63E-07 | 1.58E-07 | 1.53E-07 | 4.93E-09 | 5.88E-08 | 3.20E-09 | 3.14E-09 | 3.09E-09 | 3.04E-09 |
| 167063.260423627390 | 167063.26 | 3909116.61 | FENCEGRD | 6.53E-08 | 6.29E-08 | 6.04E-08 | 5.83E-08 | 1.37E-09 | 3.45E-08 | 9.86E-10 | 9.66E-10 | 9.47E-10 | 9.31E-10 |
| 167066.950847254390 | 167066.95 | 3909093.95 | FENCEGRD | 5.70E-08 | 5.50E-08 | 5.29E-08 | 5.11E-08 | 1.19E-09 | 3.21E-08 | 8.46E-10 | 8.30E-10 | 8.15E-10 | 8.02E-10 |
| 167070.641270881390 | 167070.64 | 3909071.28 | FENCEGRD | 4.97E-08 | 4.79E-08 | 4.62E-08 | 4.48E-08 | 1.04E-09 | 2.96E-08 | 7.28E-10 | 7.15E-10 | 7.04E-10 | 6.93E-10 |
| 167074.331694508390 | 167074.33 | 3909048.62 | FENCEGRD | 4.33E-08 | 4.19E-08 | 4.05E-08 | 3.93E-08 | 9.19E-10 | 2.72E-08 | 6.28E-10 | 6.18E-10 | 6.09E-10 | 6.01E-10 |
| 167078.022118134390 | 167078.02 | 3909025.96 | FENCEGRD | 3.80E-08 | 3.69E-08 | 3.57E-08 | 3.4 | | | | | | |

16<30 Dose

| | | | | 16<30 Dose (mg/kg/day) | | | | | | | | | |
|---------------------|-----------|------------|----------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 166881.269690926390 | 166881.27 | 3909006.02 | FENCEGRD | 2.79E-08 | 2.72E-08 | 2.65E-08 | 2.59E-08 | 8.50E-10 | 1.75E-08 | 4.84E-10 | 4.79E-10 | 4.73E-10 | 4.68E-10 |
| 166884.886306083908 | 166884.89 | 3908983.81 | FENCEGRD | 2.55E-08 | 2.49E-08 | 2.43E-08 | 2.38E-08 | 7.70E-10 | 1.62E-08 | 4.38E-10 | 4.33E-10 | 4.28E-10 | 4.24E-10 |
| 166888.502921235390 | 166888.50 | 3908961.60 | FENCEGRD | 2.34E-08 | 2.29E-08 | 2.24E-08 | 2.20E-08 | 7.01E-10 | 1.48E-08 | 3.95E-10 | 3.91E-10 | 3.87E-10 | 3.84E-10 |
| 166859.573909139.27 | 166859.57 | 3909139.27 | FENCEGRD | 4.99E-08 | 4.84E-08 | 4.69E-08 | 4.55E-08 | 1.60E-09 | 2.62E-08 | 9.25E-10 | 9.10E-10 | 8.95E-10 | 8.82E-10 |
| 166859.573909162.59 | 166859.57 | 3909162.59 | FENCEGRD | 5.53E-08 | 5.36E-08 | 5.19E-08 | 5.05E-08 | 1.79E-09 | 2.78E-08 | 1.05E-09 | 1.03E-09 | 1.01E-09 | 9.96E-10 |
| 166859.573909185.91 | 166859.57 | 3909185.91 | FENCEGRD | 6.08E-08 | 5.90E-08 | 5.72E-08 | 5.57E-08 | 2.02E-09 | 2.95E-08 | 1.18E-09 | 1.16E-09 | 1.14E-09 | 1.13E-09 |
| 166859.573909209.23 | 166859.57 | 3909209.24 | FENCEGRD | 6.61E-08 | 6.44E-08 | 6.25E-08 | 6.09E-08 | 2.28E-09 | 3.12E-08 | 1.33E-09 | 1.31E-09 | 1.29E-09 | 1.27E-09 |
| 166859.573909232.55 | 166859.57 | 3909232.56 | FENCEGRD | 7.10E-08 | 6.93E-08 | 6.74E-08 | 6.57E-08 | 2.59E-09 | 3.29E-08 | 1.49E-09 | 1.46E-09 | 1.44E-09 | 1.42E-09 |
| 166859.573909255.87 | 166859.57 | 3909255.88 | FENCEGRD | 7.55E-08 | 7.37E-08 | 7.18E-08 | 7.01E-08 | 2.95E-09 | 3.44E-08 | 1.64E-09 | 1.61E-09 | 1.59E-09 | 1.57E-09 |
| 166859.573909279.2 | 166859.57 | 3909279.20 | FENCEGRD | 7.97E-08 | 7.79E-08 | 7.59E-08 | 7.42E-08 | 3.36E-09 | 3.59E-08 | 1.78E-09 | 1.76E-09 | 1.73E-09 | 1.71E-09 |
| 167540.497012865390 | 167540.50 | 3909215.75 | | 1.42E-07 | 1.46E-07 | 1.51E-07 | 1.55E-07 | 5.55E-09 | 9.03E-08 | 1.16E-08 | 1.15E-08 | 1.15E-08 | 1.12E-08 |
| 167541.642759649390 | 167541.64 | 3909179.96 | | 1.11E-07 | 1.09E-07 | 1.10E-07 | 1.10E-07 | 4.51E-09 | 8.82E-08 | 7.79E-09 | 7.09E-09 | 6.38E-09 | 5.73E-09 |
| 167537.739545029390 | 167537.74 | 3909149.96 | | 7.00E-08 | 6.86E-08 | 6.80E-08 | 6.69E-08 | 3.76E-09 | 8.51E-08 | 3.52E-09 | 3.00E-09 | 2.56E-09 | 2.26E-09 |
| 167536.333909120.68 | 167536.33 | 3909120.68 | | 3.64E-08 | 3.56E-08 | 3.54E-08 | 3.53E-08 | 3.43E-09 | 8.13E-08 | 1.21E-09 | 1.08E-09 | 9.76E-10 | 9.08E-10 |
| 167536.333909106.64 | 167536.33 | 3909106.64 | | 2.75E-08 | 2.76E-08 | 2.82E-08 | 2.88E-08 | 3.34E-09 | 7.93E-08 | 8.17E-10 | 7.63E-10 | 7.17E-10 | 6.85E-10 |
| 167534.583909076.82 | 167534.58 | 3909076.82 | | 2.40E-08 | 2.44E-08 | 2.50E-08 | 2.57E-08 | 3.10E-09 | 7.44E-08 | 5.58E-10 | 5.40E-10 | 5.23E-10 | 5.09E-10 |
| 167559.143909104.89 | 167559.14 | 3909104.89 | | 2.35E-08 | 2.37E-08 | 2.41E-08 | 2.44E-08 | 4.79E-09 | 8.66E-08 | 9.92E-10 | 9.21E-10 | 8.58E-10 | 8.12E-10 |
| 167557.393909075.06 | 167557.39 | 3909075.06 | | 2.32E-08 | 2.33E-08 | 2.34E-08 | 2.35E-08 | 4.18E-09 | 7.88E-08 | 7.63E-10 | 7.26E-10 | 6.89E-10 | 6.60E-10 |
| 167589.843909052.25 | 167589.84 | 3909052.25 | | 3.82E-08 | 3.24E-08 | 2.85E-08 | 2.66E-08 | 6.12E-09 | 8.99E-08 | 1.53E-09 | 1.40E-09 | 1.28E-09 | 1.19E-09 |
| 167615.283909003.13 | 167615.28 | 3909003.13 | | 1.20E-07 | 9.68E-08 | 7.73E-08 | 6.57E-08 | 6.60E-09 | 9.00E-08 | 2.02E-09 | 1.87E-09 | 1.73E-09 | 1.62E-09 |
| 167542.473909053.13 | 167542.47 | 3909053.13 | | 2.33E-08 | 2.35E-08 | 2.40E-08 | 2.45E-08 | 3.27E-09 | 7.14E-08 | 5.74E-10 | 5.54E-10 | 5.34E-10 | 5.17E-10 |
| 167566.163909006.64 | 167566.16 | 3909006.64 | | 3.20E-08 | 3.02E-08 | 2.87E-08 | 2.80E-08 | 3.80E-09 | 6.62E-08 | 8.45E-10 | 8.00E-10 | 7.56E-10 | 7.19E-10 |
| 167539.753909198.46 | 167539.75 | 3909198.46 | | 1.31E-07 | 1.33E-07 | 1.36E-07 | 1.38E-07 | 4.67E-09 | 8.87E-08 | 9.81E-09 | 9.41E-09 | 8.95E-09 | 8.37E-09 |
| 167537.083909134.72 | 167537.08 | 3909134.72 | | 5.07E-08 | 4.93E-08 | 4.85E-08 | 4.76E-08 | 3.58E-09 | 8.33E-08 | 2.04E-09 | 1.74E-09 | 1.51E-09 | 1.36E-09 |
| 167535.553909092.74 | 167535.55 | 3909092.74 | | 2.46E-08 | 2.50E-08 | 2.58E-08 | 2.65E-08 | 3.22E-09 | 7.71E-08 | 6.43E-10 | 6.16E-10 | 5.91E-10 | 5.72E-10 |
| 167558.453909089.69 | 167558.45 | 3909089.69 | | 2.30E-08 | 2.32E-08 | 2.36E-08 | 2.38E-08 | 4.46E-09 | 8.24E-08 | 8.30E-10 | 7.86E-10 | 7.44E-10 | 7.10E-10 |
| 167553.493909032.06 | 167553.49 | 3909032.06 | | 2.43E-08 | 2.41E-08 | 2.41E-08 | 2.44E-08 | 3.53E-09 | 6.90E-08 | 6.80E-10 | 6.48E-10 | 6.17E-10 | 5.91E-10 |
| 167601.963909028.24 | 167601.96 | 3909028.24 | | 7.53E-08 | 5.88E-08 | 4.62E-08 | 3.98E-08 | 6.39E-09 | 8.98E-08 | 1.80E-09 | 1.65E-09 | 1.52E-09 | 1.41E-09 |

Project Cancer Risk Calculations

3rd Trimester Cancer Risk

| 3rd Trimester Cancer Risk (per million) | | | | | | | | | | | | | |
|---|-----------|------------|----------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167603.820034585390 | 167603.82 | 3909302.48 | FENCEGRD | 0.0017 | 0.0018 | 0.0019 | 0.0020 | 0.0004 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167615.268534585390 | 167615.27 | 3909280.72 | FENCEGRD | 0.0017 | 0.0017 | 0.0018 | 0.0018 | 0.0005 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167626.717034585390 | 167626.72 | 3909258.96 | FENCEGRD | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0006 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167638.165534585390 | 167638.17 | 3909237.19 | FENCEGRD | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0006 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167649.614034585390 | 167649.61 | 3909215.43 | FENCEGRD | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0006 | 0.0006 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167661.062534585390 | 167661.06 | 3909193.67 | FENCEGRD | 0.0010 | 0.0009 | 0.0009 | 0.0009 | 0.0006 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167672.511034585390 | 167672.51 | 3909171.91 | FENCEGRD | 0.0010 | 0.0009 | 0.0008 | 0.0008 | 0.0006 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167683.959534585390 | 167683.96 | 3909150.15 | FENCEGRD | 0.0011 | 0.0010 | 0.0009 | 0.0008 | 0.0005 | 0.0009 | 0.0001 | 0.0001 | 0.0002 | 0.0002 |
| 167695.408034585390 | 167695.41 | 3909128.39 | FENCEGRD | 0.0016 | 0.0016 | 0.0017 | 0.0019 | 0.0005 | 0.0011 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| 167706.856534585390 | 167706.86 | 3909106.63 | FENCEGRD | 0.0036 | 0.0042 | 0.0052 | 0.0065 | 0.0004 | 0.0012 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| 167718.305034585390 | 167718.31 | 3909084.86 | FENCEGRD | 0.0067 | 0.0079 | 0.0094 | 0.0109 | 0.0004 | 0.0013 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| 167729.753534585390 | 167729.75 | 3909063.10 | FENCEGRD | 0.0098 | 0.0109 | 0.0121 | 0.0130 | 0.0004 | 0.0013 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| 167741.202034585390 | 167741.20 | 3909041.34 | FENCEGRD | 0.0115 | 0.0123 | 0.0130 | 0.0134 | 0.0004 | 0.0014 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| 167752.650534585390 | 167752.65 | 3909019.58 | FENCEGRD | 0.0121 | 0.0125 | 0.0128 | 0.0129 | 0.0004 | 0.0015 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| 167764.099034585390 | 167764.10 | 3908997.82 | FENCEGRD | 0.0118 | 0.0119 | 0.0120 | 0.0119 | 0.0003 | 0.0016 | 0.0002 | 0.0002 | 0.0002 | 0.0001 |
| 167775.547534585390 | 167775.55 | 3908976.06 | FENCEGRD | 0.0110 | 0.0110 | 0.0110 | 0.0109 | 0.0003 | 0.0017 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167786.996034585390 | 167787.00 | 3908954.30 | FENCEGRD | 0.0101 | 0.0100 | 0.0099 | 0.0097 | 0.0003 | 0.0018 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167798.444534585390 | 167798.44 | 3908932.53 | FENCEGRD | 0.0091 | 0.0090 | 0.0088 | 0.0086 | 0.0003 | 0.0018 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167809.893034585390 | 167809.89 | 3908910.77 | FENCEGRD | 0.0082 | 0.0080 | 0.0079 | 0.0077 | 0.0002 | 0.0019 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167821.341534585390 | 167821.34 | 3908889.01 | FENCEGRD | 0.0073 | 0.0072 | 0.0070 | 0.0068 | 0.0002 | 0.0020 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167832.790034585390 | 167832.79 | 3908867.25 | FENCEGRD | 0.0066 | 0.0065 | 0.0063 | 0.0061 | 0.0002 | 0.0021 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167583.765368876390 | 167583.77 | 3909333.07 | FENCEGRD | 0.0018 | 0.0019 | 0.0020 | 0.0021 | 0.0003 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167625.945051877390 | 167625.95 | 3909314.12 | FENCEGRD | 0.0018 | 0.0018 | 0.0019 | 0.0019 | 0.0003 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167637.393551877390 | 167637.39 | 3909292.36 | FENCEGRD | 0.0017 | 0.0018 | 0.0019 | 0.0019 | 0.0004 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167648.842051877390 | 167648.84 | 3909270.60 | FENCEGRD | 0.0015 | 0.0016 | 0.0017 | 0.0018 | 0.0004 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167660.290551877390 | 167660.29 | 3909248.83 | FENCEGRD | 0.0013 | 0.0014 | 0.0014 | 0.0015 | 0.0005 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167671.739051877390 | 167671.74 | 3909227.07 | FENCEGRD | 0.0014 | 0.0013 | 0.0013 | 0.0013 | 0.0005 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167683.187551877390 | 167683.19 | 3909205.31 | FENCEGRD | 0.0017 | 0.0016 | 0.0015 | 0.0014 | 0.0005 | 0.0006 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167694.636051877390 | 167694.64 | 3909183.55 | FENCEGRD | 0.0018 | 0.0018 | 0.0017 | 0.0016 | 0.0005 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167706.084551877390 | 167706.08 | 3909161.79 | FENCEGRD | 0.0019 | 0.0019 | 0.0018 | 0.0017 | 0.0005 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167717.533051877390 | 167717.53 | 3909140.03 | FENCEGRD | 0.0022 | 0.0022 | 0.0022 | 0.0022 | 0.0005 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167728.981551877390 | 167728.98 | 3909118.27 | FENCEGRD | 0.0028 | 0.0031 | 0.0034 | 0.0038 | 0.0005 | 0.0009 | 0.0001 | 0.0001 | 0.0002 | 0.0002 |
| 167740.430051877390 | 167740.43 | 3909096.50 | FENCEGRD | 0.0045 | 0.0050 | 0.0058 | 0.0067 | 0.0004 | 0.0010 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| 167751.878551877390 | 167751.88 | 3909074.74 | FENCEGRD | 0.0067 | 0.0075 | 0.0086 | 0.0096 | 0.0004 | 0.0011 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| 167763.327051877390 | 167763.33 | 3909052.98 | FENCEGRD | 0.0087 | 0.0096 | 0.0106 | 0.0114 | 0.0004 | 0.0012 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| 167774.775551877390 | 167774.78 | 3909031.22 | FENCEGRD | 0.0100 | 0.0108 | 0.0115 | 0.0120 | 0.0004 | 0.0013 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| 167786.224051877390 | 167786.22 | 3909009.46 | FENCEGRD | 0.0104 | 0.0109 | 0.0114 | 0.0117 | 0.0004 | 0.0014 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| 167797.672551877390 | 167797.67 | 3908987.70 | FENCEGRD | 0.0102 | 0.0105 | 0.0107 | 0.0108 | 0.0003 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167809.121051877390 | 167809.12 | 3908965.94 | FENCEGRD | 0.0097 | 0.0099 | 0.0099 | 0.0099 | 0.0003 | 0.0015 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167820.569551877390 | 167820.57 | 3908944.17 | FENCEGRD | 0.0091 | 0.0091 | 0.0090 | 0.0089 | 0.0003 | 0.0016 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167832.018051877390 | 167832.02 | 3908922.41 | FENCEGRD | 0.0083 | 0.0082 | 0.0081 | 0.0080 | 0.0003 | 0.0018 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167843.466551877390 | 167843.47 | 3908900.65 | FENCEGRD | 0.0073 | 0.0073 | 0.0072 | 0.0070 | 0.0002 | 0.0020 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167854.915051877390 | 167854.92 | 3908878.89 | FENCEGRD | 0.0064 | 0.0063 | 0.0062 | 0.0061 | 0.0002 | 0.0021 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167610.577017612390 | 167610.58 | 3909342.60 | FENCEGRD | 0.0017 | 0.0018 | 0.0018 | 0.0019 | 0.0002 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167554.337440276390 | 167554.34 | 3909367.86 | FENCEGRD | 0.0020 | 0.0022 | 0.0023 | 0.0025 | 0.0002 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167648.070069173909 | 167648.07 | 3909325.76 | FENCEGRD | 0.0016 | 0.0017 | 0.0018 | 0.0019 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167659.518569173909 | 167659.52 | 3909304.00 | FENCEGRD | 0.0015 | 0.0016 | 0.0017 | 0.0018 | 0.0003 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167670.967069173909 | 167670.97 | 3909282.24 | FENCEGRD | 0.0014 | 0.0014 | 0.0015 | 0.0016 | 0.0003 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167682.415569173909 | 167682.42 | 3909260.47 | FENCEGRD | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0004 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167693.864069173909 | 167693.86 | 3909238.71 | FENCEGRD | 0.0016 | 0.0016 | 0.0015 | 0.0015 | 0.0004 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167705.312569173909 | 167705.31 | 3909216.95 | FENCEGRD | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0005 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167716.761069173909 | 167716.76 | 3909195.19 | FENCEGRD | 0.0020 | 0.0021 | 0.0021 | 0.0021 | 0.0005 | 0.0006 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167728.209569173909 | 167728.21 | 3909173.43 | FENCEGRD | 0.0021 | 0.0021 | 0.0021 | 0.0021 | 0.0005 | 0.0006 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167739.658069173909 | 167739.66 | 3909151.67 | FENCEGRD | 0.0021 | 0.0021 | 0.0021 | 0.0021 | 0.0005 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167751.106569173909 | 167751.11 | 3909129.91 | FENCEGRD | 0.0024 | 0.0025 | 0.0026 | 0.0028 | 0.0005 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167762.555069173909 | 167762.56 | 3909108.14 | FENCEGRD | 0.0033 | 0.0036 | 0.0040 | 0.0044 | 0.0004 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167774.003569173909 | 167774.00 | 3909086.38 | FENCEGRD | 0.0047 | 0.0052 | 0.0059 | 0.0066 | 0.0004 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0002 |
| 167785.452069173909 | 167785.45 | 3909064.62 | FENCEGRD | 0.0062 | 0.0070 | 0.0078 | 0.0086 | 0.0004 | 0.0010 | 0.0001 | 0.0001 | 0.0002 | 0.0002 |
| 167796.900569173909 | 167796.90 | 3909042.86 | FENCEGRD | 0.0077 | 0.0084 | 0.0092 | 0.0099 | 0.0004 | 0.0011 | 0.0001 | 0.0002 | 0.0002 | 0.0002 |
| 167808.349069173909 | 167808.35 | 3909021.10 | FENCEGRD | 0.0085 | 0.0091 | 0.0098 | 0.0103 | 0.0004 | 0.0012 | 0.0001 | 0.0001 | 0.0002 | 0.0002 |
| 167819.797569173908 | 167819.80 | 3908999.34 | FENCEGRD | 0.0089 | 0.0094 | 0.0098 | 0.0102 | 0.0003 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167831.246069173908 | 167831.25 | 3908977.57 | FENCEGRD | 0.0089 | 0.0093 | 0.0096 | 0.0098 | 0.0003 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167842.694569173908 | 167842.69 | 3908955.81 | FENCEGRD | 0.0083 | 0.0086 | 0.0088 | 0.0090 | 0.0003 | 0.0016 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167854.143069173908 | 167854.14 | 3908934.05 | FENCEGRD | 0.0071 | 0.0073 | 0.0074 | 0.0075 | 0.0003 | 0.0018 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167865.591569173908 | 167865.59 | 3908912.29 | FENCEGRD | 0.0059 | 0.0061 | 0.0062 | 0.0062 | 0.0003 | 0.0019 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167877.040069173908 | 167877.04 | 3908890.53 | FENCEGRD | 0.0051 | 0.0051 | 0.0052 | 0.0052 | 0.0002 | 0.0019 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167671.230262254390 | 167671.23 | 3909358.51 | FENCEGRD | 0.0010 | 0.0011 | 0.0012 | 0.0013 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167650.140420753390 | 167650.14 | 3909367.98 | FENCEGRD | 0.0013 | 0.0014 | 0.0015 | 0.0016 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167629.050579252390 | 167629.05 | 3909377.46 | FENCEGRD | 0.0015 | 0.0016 | 0.0016 | 0.0017 | | | | | | |

3rd Trimester Cancer Risk

| 3rd Trimester Cancer Risk (per million) | | | | | | | | | | | | | |
|---|-----------|------------|----------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167806.805103755390 | 167806.81 | 3909131.42 | FENCEGRD | 0.0023 | 0.0025 | 0.0026 | 0.0028 | 0.0004 | 0.0006 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167818.253603755390 | 167818.25 | 3909109.66 | FENCEGRD | 0.0029 | 0.0031 | 0.0033 | 0.0036 | 0.0004 | 0.0006 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167829.702103755390 | 167829.70 | 3909087.90 | FENCEGRD | 0.0036 | 0.0039 | 0.0042 | 0.0046 | 0.0004 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167841.150603755390 | 167841.15 | 3909066.14 | FENCEGRD | 0.0044 | 0.0047 | 0.0052 | 0.0057 | 0.0004 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167852.599103755390 | 167852.60 | 3909044.38 | FENCEGRD | 0.0052 | 0.0056 | 0.0062 | 0.0067 | 0.0004 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167864.047603755390 | 167864.05 | 3909022.62 | FENCEGRD | 0.0058 | 0.0063 | 0.0069 | 0.0074 | 0.0004 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167875.496103755390 | 167875.50 | 3909000.85 | FENCEGRD | 0.0055 | 0.0059 | 0.0065 | 0.0069 | 0.0003 | 0.0011 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167886.944603755390 | 167886.94 | 3908979.09 | FENCEGRD | 0.0042 | 0.0045 | 0.0049 | 0.0053 | 0.0003 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167898.393103755390 | 167898.39 | 3908957.33 | FENCEGRD | 0.0039 | 0.0042 | 0.0045 | 0.0048 | 0.0003 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167909.841603755390 | 167909.84 | 3908935.57 | FENCEGRD | 0.0040 | 0.0042 | 0.0044 | 0.0046 | 0.0003 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167921.290103755390 | 167921.29 | 3908913.81 | FENCEGRD | 0.0044 | 0.0046 | 0.0048 | 0.0050 | 0.0003 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167716.119382945390 | 167716.12 | 3909381.50 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0004 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167675.217872155390 | 167675.22 | 3909399.88 | FENCEGRD | 0.0007 | 0.0007 | 0.0008 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167634.316361365390 | 167634.32 | 3909418.25 | FENCEGRD | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167593.414850576390 | 167593.41 | 3909436.62 | FENCEGRD | 0.0013 | 0.0014 | 0.0014 | 0.0015 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167552.513339786390 | 167552.51 | 3909454.99 | FENCEGRD | 0.0015 | 0.0015 | 0.0016 | 0.0017 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167387.213968908390 | 167387.21 | 3909314.50 | FENCEGRD | 0.0049 | 0.0049 | 0.0049 | 0.0050 | 0.0002 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167373.391984454390 | 167373.39 | 3909296.85 | FENCEGRD | 0.0052 | 0.0052 | 0.0052 | 0.0051 | 0.0002 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167748.018638343909 | 167748.02 | 3909350.56 | FENCEGRD | 0.0003 | 0.0003 | 0.0004 | 0.0004 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167759.467138343909 | 167759.47 | 3909328.79 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167770.915638343909 | 167770.92 | 3909307.03 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167782.364138343909 | 167782.36 | 3909285.27 | FENCEGRD | 0.0007 | 0.0007 | 0.0008 | 0.0008 | 0.0002 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167793.812638343909 | 167793.81 | 3909263.51 | FENCEGRD | 0.0010 | 0.0010 | 0.0011 | 0.0012 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167805.261138343909 | 167805.26 | 3909241.75 | FENCEGRD | 0.0012 | 0.0013 | 0.0014 | 0.0014 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167816.709638343909 | 167816.71 | 3909219.99 | FENCEGRD | 0.0013 | 0.0014 | 0.0015 | 0.0016 | 0.0003 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167828.158138343909 | 167828.16 | 3909198.23 | FENCEGRD | 0.0014 | 0.0015 | 0.0016 | 0.0016 | 0.0003 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167839.606638343909 | 167839.61 | 3909176.46 | FENCEGRD | 0.0015 | 0.0016 | 0.0017 | 0.0018 | 0.0003 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167851.055138343909 | 167851.06 | 3909154.70 | FENCEGRD | 0.0017 | 0.0018 | 0.0019 | 0.0020 | 0.0003 | 0.0005 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167862.503638343909 | 167862.50 | 3909132.94 | FENCEGRD | 0.0019 | 0.0021 | 0.0022 | 0.0024 | 0.0003 | 0.0005 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167873.952138343909 | 167873.95 | 3909111.18 | FENCEGRD | 0.0023 | 0.0025 | 0.0027 | 0.0029 | 0.0003 | 0.0005 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167885.400638343909 | 167885.40 | 3909089.42 | FENCEGRD | 0.0027 | 0.0030 | 0.0032 | 0.0034 | 0.0003 | 0.0006 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167896.849138343909 | 167896.85 | 3909067.66 | FENCEGRD | 0.0031 | 0.0034 | 0.0037 | 0.0039 | 0.0003 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167908.297638343909 | 167908.30 | 3909045.90 | FENCEGRD | 0.0035 | 0.0037 | 0.0041 | 0.0044 | 0.0003 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167919.746138343909 | 167919.75 | 3909024.13 | FENCEGRD | 0.0037 | 0.0040 | 0.0044 | 0.0047 | 0.0003 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167931.194638343909 | 167931.19 | 3909002.37 | FENCEGRD | 0.0039 | 0.0042 | 0.0046 | 0.0049 | 0.0003 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167942.643138343908 | 167942.64 | 3908980.61 | FENCEGRD | 0.0041 | 0.0044 | 0.0048 | 0.0051 | 0.0003 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167954.091638343908 | 167954.09 | 3908958.85 | FENCEGRD | 0.0044 | 0.0047 | 0.0050 | 0.0052 | 0.0003 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167965.540138343908 | 167965.54 | 3908937.09 | FENCEGRD | 0.0046 | 0.0049 | 0.0051 | 0.0054 | 0.0003 | 0.0011 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167759.189566257390 | 167759.19 | 3909405.31 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167737.558959589390 | 167737.56 | 3909415.03 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167715.928352922390 | 167715.93 | 3909424.75 | FENCEGRD | 0.0002 | 0.0002 | 0.0003 | 0.0003 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167694.297746254390 | 167694.30 | 3909434.46 | FENCEGRD | 0.0005 | 0.0005 | 0.0006 | 0.0006 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167672.667139586390 | 167672.67 | 3909444.18 | FENCEGRD | 0.0008 | 0.0009 | 0.0009 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167651.036532919390 | 167651.04 | 3909453.89 | FENCEGRD | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167629.405926251390 | 167629.41 | 3909463.61 | FENCEGRD | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167607.775319583390 | 167607.78 | 3909473.33 | FENCEGRD | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167586.144712916390 | 167586.14 | 3909483.04 | FENCEGRD | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167564.514106248390 | 167564.51 | 3909492.76 | FENCEGRD | 0.0012 | 0.0013 | 0.0013 | 0.0014 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167542.883499583909 | 167542.88 | 3909502.47 | FENCEGRD | 0.0013 | 0.0014 | 0.0014 | 0.0015 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167521.252892913390 | 167521.25 | 3909512.19 | FENCEGRD | 0.0015 | 0.0015 | 0.0016 | 0.0017 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167411.905846443909 | 167411.91 | 3909409.89 | FENCEGRD | 0.0033 | 0.0033 | 0.0034 | 0.0034 | 0.0004 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167397.286439805390 | 167397.29 | 3909391.22 | FENCEGRD | 0.0035 | 0.0036 | 0.0036 | 0.0037 | 0.0004 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167382.667033171390 | 167382.67 | 3909372.55 | FENCEGRD | 0.0039 | 0.0039 | 0.0040 | 0.0041 | 0.0004 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167368.047626537390 | 167368.05 | 3909353.88 | FENCEGRD | 0.0043 | 0.0043 | 0.0044 | 0.0044 | 0.0003 | 0.0011 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167353.428219903390 | 167353.43 | 3909335.21 | FENCEGRD | 0.0047 | 0.0047 | 0.0047 | 0.0047 | 0.0002 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167338.808813268390 | 167338.81 | 3909316.54 | FENCEGRD | 0.0049 | 0.0049 | 0.0049 | 0.0048 | 0.0002 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167324.189406634390 | 167324.19 | 3909297.87 | FENCEGRD | 0.0049 | 0.0049 | 0.0048 | 0.0047 | 0.0002 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167780.820172925390 | 167780.82 | 3909395.60 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167792.268672925390 | 167792.27 | 3909373.84 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167803.717172925390 | 167803.72 | 3909352.07 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0001 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167815.165672925390 | 167815.17 | 3909330.31 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167826.614172925390 | 167826.61 | 3909308.55 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0003 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167838.062672925390 | 167838.06 | 3909286.79 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167849.511172925390 | 167849.51 | 3909265.03 | FENCEGRD | 0.0006 | 0.0006 | 0.0007 | 0.0007 | 0.0002 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167860.959672925390 | 167860.96 | 3909243.27 | FENCEGRD | 0.0007 | 0.0007 | 0.0008 | 0.0008 | 0.0002 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167872.408172925390 | 167872.41 | 3909221.51 | FENCEGRD | 0.0007 | 0.0007 | 0.0008 | 0.0008 | 0.0002 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167883.856672925390 | 167883.86 | 3909199.74 | FENCEGRD | 0.0007 | 0.0008 | 0.0008 | 0.0009 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167895.305172925390 | 167895.31 | 3909177.98 | FENCEGRD | 0.0008 | 0.0009 | 0.0009 | 0.0010 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167906.753672925390 | 167906.75 | 3909156.22 | FENCEGRD | 0.0010 | 0.0011 | 0.0012 | 0.0013 | | | | | | |

3rd Trimester Cancer Risk

| | | | | 3rd Trimester Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167698.531158504390 | 167698.53 | 3909475.72 | FENCEGRD | 0.0005 | 0.0005 | 0.0006 | 0.0006 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167677.441317003390 | 167677.44 | 3909485.19 | FENCEGRD | 0.0007 | 0.0008 | 0.0009 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167656.351475502390 | 167656.35 | 3909494.66 | FENCEGRD | 0.0009 | 0.0010 | 0.0010 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167635.261634001390 | 167635.26 | 3909504.14 | FENCEGRD | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167614.171792539095 | 167614.17 | 3909513.61 | FENCEGRD | 0.0010 | 0.0011 | 0.0011 | 0.0011 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167593.081950999390 | 167593.08 | 3909523.08 | FENCEGRD | 0.0011 | 0.0011 | 0.0011 | 0.0011 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167571.992109498390 | 167571.99 | 3909532.55 | FENCEGRD | 0.0011 | 0.0011 | 0.0011 | 0.0012 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167550.902267997390 | 167550.90 | 3909542.03 | FENCEGRD | 0.0011 | 0.0012 | 0.0012 | 0.0013 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167529.812426496390 | 167529.81 | 3909551.50 | FENCEGRD | 0.0012 | 0.0013 | 0.0014 | 0.0014 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167508.722584995390 | 167508.72 | 3909560.97 | FENCEGRD | 0.0014 | 0.0014 | 0.0015 | 0.0016 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167416.363136152390 | 167416.36 | 3909479.43 | FENCEGRD | 0.0026 | 0.0027 | 0.0027 | 0.0028 | 0.0003 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167402.109214684390 | 167402.11 | 3909461.23 | FENCEGRD | 0.0028 | 0.0029 | 0.0029 | 0.0029 | 0.0003 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167387.855293216390 | 167387.86 | 3909443.03 | FENCEGRD | 0.0030 | 0.0030 | 0.0031 | 0.0031 | 0.0003 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167373.601371747390 | 167373.60 | 3909424.82 | FENCEGRD | 0.0032 | 0.0033 | 0.0033 | 0.0034 | 0.0004 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167359.347450279390 | 167359.35 | 3909406.62 | FENCEGRD | 0.0035 | 0.0035 | 0.0036 | 0.0036 | 0.0004 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167345.093528813909 | 167345.09 | 3909388.42 | FENCEGRD | 0.0038 | 0.0038 | 0.0039 | 0.0039 | 0.0003 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167330.839607342390 | 167330.84 | 3909370.21 | FENCEGRD | 0.0041 | 0.0041 | 0.0042 | 0.0042 | 0.0003 | 0.0011 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167316.585685874390 | 167316.59 | 3909352.01 | FENCEGRD | 0.0043 | 0.0043 | 0.0043 | 0.0043 | 0.0002 | 0.0011 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167302.331764405390 | 167302.33 | 3909333.81 | FENCEGRD | 0.0045 | 0.0045 | 0.0044 | 0.0044 | 0.0002 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167288.077842937390 | 167288.08 | 3909315.61 | FENCEGRD | 0.0045 | 0.0044 | 0.0043 | 0.0042 | 0.0002 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167273.823921468390 | 167273.82 | 3909297.40 | FENCEGRD | 0.0043 | 0.0042 | 0.0041 | 0.0040 | 0.0001 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167825.070207513909 | 167825.07 | 3909418.88 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167836.518707513909 | 167836.52 | 3909397.12 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167847.967207513909 | 167847.97 | 3909375.35 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167859.415707509390 | 167859.42 | 3909353.59 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167870.864207509390 | 167870.86 | 3909331.83 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167882.312707509390 | 167882.31 | 3909310.07 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167893.761207509390 | 167893.76 | 3909288.31 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167905.209707509390 | 167905.21 | 3909266.55 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167916.658207509390 | 167916.66 | 3909244.78 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0003 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167928.106707509390 | 167928.11 | 3909223.02 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167939.555207509390 | 167939.56 | 3909201.26 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167951.003707513909 | 167951.00 | 3909179.50 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0006 | 0.0002 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167962.452207513909 | 167962.45 | 3909157.74 | FENCEGRD | 0.0006 | 0.0007 | 0.0007 | 0.0008 | 0.0002 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167973.900707513909 | 167973.90 | 3909135.98 | FENCEGRD | 0.0008 | 0.0009 | 0.0009 | 0.0010 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167985.349207513909 | 167985.35 | 3909114.22 | FENCEGRD | 0.0010 | 0.0011 | 0.0012 | 0.0013 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167996.797707513909 | 167996.80 | 3909092.45 | FENCEGRD | 0.0013 | 0.0014 | 0.0015 | 0.0016 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168008.246207513909 | 168008.25 | 3909070.69 | FENCEGRD | 0.0016 | 0.0017 | 0.0018 | 0.0019 | 0.0002 | 0.0005 | 0.0000 | 0.0001 | 0.0001 | 0.0001 |
| 168019.694707513909 | 168019.69 | 3909048.93 | FENCEGRD | 0.0019 | 0.0020 | 0.0021 | 0.0022 | 0.0002 | 0.0005 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168031.143207513909 | 168031.14 | 3909027.17 | FENCEGRD | 0.0021 | 0.0022 | 0.0024 | 0.0025 | 0.0002 | 0.0006 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168042.591707513909 | 168042.59 | 3909005.41 | FENCEGRD | 0.0023 | 0.0025 | 0.0026 | 0.0028 | 0.0002 | 0.0006 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168054.040207513908 | 168054.04 | 3908983.65 | FENCEGRD | 0.0026 | 0.0028 | 0.0029 | 0.0031 | 0.0002 | 0.0006 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167892.145675789390 | 167892.15 | 3909475.06 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167870.721074939094 | 167870.72 | 3909484.68 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167849.296474013909 | 167849.30 | 3909494.31 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167827.871873123909 | 167827.87 | 3909503.93 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167806.447272233909 | 167806.45 | 3909513.55 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167785.022671343909 | 167785.02 | 3909523.18 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167763.598070453909 | 167763.60 | 3909532.80 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167742.173469563909 | 167742.17 | 3909542.42 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167720.748868671390 | 167720.75 | 3909552.05 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0004 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167699.324267781390 | 167699.32 | 3909561.67 | FENCEGRD | 0.0004 | 0.0004 | 0.0005 | 0.0005 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167677.899666891390 | 167677.90 | 3909571.29 | FENCEGRD | 0.0005 | 0.0006 | 0.0006 | 0.0006 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167656.475066001390 | 167656.48 | 3909580.92 | FENCEGRD | 0.0006 | 0.0007 | 0.0007 | 0.0007 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167635.050465111390 | 167635.05 | 3909590.54 | FENCEGRD | 0.0007 | 0.0008 | 0.0008 | 0.0008 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167613.625864221390 | 167613.63 | 3909600.17 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167592.201263331390 | 167592.20 | 3909609.79 | FENCEGRD | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167570.776662442390 | 167570.78 | 3909619.41 | FENCEGRD | 0.0009 | 0.0009 | 0.0009 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167549.352061552390 | 167549.35 | 3909629.04 | FENCEGRD | 0.0010 | 0.0010 | 0.0010 | 0.0011 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167527.927460662390 | 167527.93 | 3909638.66 | FENCEGRD | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167518.002116919390 | 167518.00 | 3909600.16 | FENCEGRD | 0.0012 | 0.0012 | 0.0013 | 0.0014 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167385.289837416390 | 167385.29 | 3909619.12 | FENCEGRD | 0.0017 | 0.0017 | 0.0017 | 0.0017 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167391.252787042390 | 167391.25 | 3909575.07 | FENCEGRD | 0.0020 | 0.0020 | 0.0020 | 0.0021 | 0.0002 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167376.772612852390 | 167376.77 | 3909556.58 | FENCEGRD | 0.0021 | 0.0022 | 0.0022 | 0.0022 | 0.0002 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167362.292438662390 | 167362.29 | 3909538.09 | FENCEGRD | 0.0023 | 0.0023 | 0.0023 | 0.0024 | 0.0002 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167347.812264471390 | 167347.81 | 3909519.59 | FENCEGRD | 0.0024 | 0.0025 | 0.0025 | 0.0025 | 0.0002 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167333.332090281390 | 167333.33 | 3909501.10 | FENCEGRD | 0.0026 | 0.0026 | 0.0026 | 0.0026 | 0.0003 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167318.851916091390 | 167318.85 | 3909482.61 | FENCEGRD | 0.0027 | 0.0028 | 0.0028 | 0.0028 | 0.0003 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167304.371741901390 | 167304.37 | 3909464.12 | FENCEGRD | 0.0029 | 0.0030 | 0.0030 | 0.0 | | | | | | |

3rd Trimester Cancer Risk

| 3rd Trimester Cancer Risk (per million) | | | | | | | | | | | | | |
|---|-----------|------------|----------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167970.812776679390 | 167970.81 | 3909356.63 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167982.261276679390 | 167982.26 | 3909334.87 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167993.709776679390 | 167993.71 | 3909313.11 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168005.158276679390 | 168005.16 | 3909291.34 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168016.606776679390 | 168016.61 | 3909269.58 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0001 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168028.055276679390 | 168028.06 | 3909247.82 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168039.503776679390 | 168039.50 | 3909226.06 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0004 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168050.952276679390 | 168050.95 | 3909204.30 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168062.400776679390 | 168062.40 | 3909182.54 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0006 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168073.849276679390 | 168073.85 | 3909160.77 | FENCEGRD | 0.0006 | 0.0006 | 0.0007 | 0.0007 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168085.297776679390 | 168085.30 | 3909139.01 | FENCEGRD | 0.0007 | 0.0008 | 0.0008 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168096.746276679390 | 168096.75 | 3909117.25 | FENCEGRD | 0.0009 | 0.0009 | 0.0010 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168108.194776679390 | 168108.19 | 3909095.49 | FENCEGRD | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0002 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168119.643276679390 | 168119.64 | 3909073.73 | FENCEGRD | 0.0012 | 0.0013 | 0.0013 | 0.0014 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168131.091776679390 | 168131.09 | 3909051.97 | FENCEGRD | 0.0014 | 0.0014 | 0.0015 | 0.0016 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168142.540276679390 | 168142.54 | 3909030.21 | FENCEGRD | 0.0015 | 0.0016 | 0.0016 | 0.0017 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167980.439739182390 | 167980.44 | 3909521.71 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167958.809132514390 | 167958.81 | 3909531.43 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167937.178525846390 | 167937.18 | 3909541.14 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167915.547919179390 | 167915.55 | 3909550.86 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167893.917312511390 | 167893.92 | 3909560.58 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167872.286705843390 | 167872.29 | 3909570.29 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167850.656099176390 | 167850.66 | 3909580.01 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167829.025492508390 | 167829.03 | 3909589.72 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167807.394885843909 | 167807.39 | 3909599.44 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167785.764279173390 | 167785.76 | 3909609.16 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167764.133672505390 | 167764.13 | 3909618.87 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167742.503065837390 | 167742.50 | 3909628.59 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167720.872459173909 | 167720.87 | 3909638.30 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167699.241852502390 | 167699.24 | 3909648.02 | FENCEGRD | 0.0005 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167677.611245834390 | 167677.61 | 3909657.74 | FENCEGRD | 0.0006 | 0.0006 | 0.0007 | 0.0007 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167655.980639167390 | 167655.98 | 3909667.45 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167634.350032499390 | 167634.35 | 3909677.17 | FENCEGRD | 0.0007 | 0.0008 | 0.0008 | 0.0008 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167612.719425831390 | 167612.72 | 3909686.88 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0008 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167591.088819164390 | 167591.09 | 3909696.60 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167569.458212496390 | 167569.46 | 3909706.32 | FENCEGRD | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167547.827605829390 | 167547.83 | 3909716.03 | FENCEGRD | 0.0009 | 0.0009 | 0.0010 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167482.935785826390 | 167482.94 | 3909745.18 | FENCEGRD | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167461.305179158390 | 167461.31 | 3909754.90 | FENCEGRD | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167425.055165856390 | 167425.06 | 3909745.94 | FENCEGRD | 0.0010 | 0.0011 | 0.0011 | 0.0011 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167410.435759222390 | 167410.44 | 3909727.27 | FENCEGRD | 0.0011 | 0.0011 | 0.0011 | 0.0012 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167395.816352588390 | 167395.82 | 3909708.60 | FENCEGRD | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167381.196945953390 | 167381.20 | 3909689.93 | FENCEGRD | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167366.577539319390 | 167366.58 | 3909671.26 | FENCEGRD | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167351.958132685390 | 167351.96 | 3909652.59 | FENCEGRD | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167337.338726051390 | 167337.34 | 3909633.92 | FENCEGRD | 0.0017 | 0.0017 | 0.0017 | 0.0018 | 0.0002 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167322.719319416390 | 167322.72 | 3909615.25 | FENCEGRD | 0.0018 | 0.0019 | 0.0019 | 0.0019 | 0.0002 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167308.099912782390 | 167308.10 | 3909596.58 | FENCEGRD | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0002 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167293.480506148390 | 167293.48 | 3909577.92 | FENCEGRD | 0.0021 | 0.0021 | 0.0021 | 0.0021 | 0.0002 | 0.0006 | 0.0000 | 0.0001 | 0.0001 | 0.0001 |
| 167278.861099514390 | 167278.86 | 3909559.25 | FENCEGRD | 0.0022 | 0.0022 | 0.0023 | 0.0023 | 0.0002 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167264.241692879390 | 167264.24 | 3909540.58 | FENCEGRD | 0.0024 | 0.0024 | 0.0024 | 0.0025 | 0.0003 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167249.622286245390 | 167249.62 | 3909521.91 | FENCEGRD | 0.0026 | 0.0026 | 0.0026 | 0.0027 | 0.0003 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167235.002879611390 | 167235.00 | 3909503.24 | FENCEGRD | 0.0028 | 0.0028 | 0.0028 | 0.0029 | 0.0003 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167220.383472977390 | 167220.38 | 3909484.57 | FENCEGRD | 0.0030 | 0.0030 | 0.0030 | 0.0030 | 0.0003 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167205.764066342390 | 167205.76 | 3909465.90 | FENCEGRD | 0.0031 | 0.0032 | 0.0032 | 0.0032 | 0.0003 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167191.144659708390 | 167191.14 | 3909447.23 | FENCEGRD | 0.0033 | 0.0033 | 0.0033 | 0.0033 | 0.0003 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167176.525253074390 | 167176.53 | 3909428.56 | FENCEGRD | 0.0033 | 0.0033 | 0.0033 | 0.0033 | 0.0002 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167161.905846443909 | 167161.91 | 3909409.89 | FENCEGRD | 0.0034 | 0.0033 | 0.0033 | 0.0032 | 0.0002 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167147.286439805390 | 167147.29 | 3909391.22 | FENCEGRD | 0.0033 | 0.0033 | 0.0032 | 0.0032 | 0.0002 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167132.667033171390 | 167132.67 | 3909372.55 | FENCEGRD | 0.0032 | 0.0032 | 0.0031 | 0.0030 | 0.0002 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167118.047626537390 | 167118.05 | 3909353.88 | FENCEGRD | 0.0031 | 0.0030 | 0.0029 | 0.0029 | 0.0001 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167103.428219903390 | 167103.43 | 3909335.21 | FENCEGRD | 0.0029 | 0.0028 | 0.0028 | 0.0027 | 0.0001 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167088.808813268390 | 167088.81 | 3909316.54 | FENCEGRD | 0.0027 | 0.0026 | 0.0026 | 0.0025 | 0.0001 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167074.189406634390 | 167074.19 | 3909297.87 | FENCEGRD | 0.0025 | 0.0024 | 0.0024 | 0.0023 | 0.0001 | 0.0009 | 0.0001 | 0.0001 | 0.0000 | 0.0000 |
| 168002.070345849390 | 168002.07 | 3909511.99 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168013.518845849390 | 168013.52 | 3909490.23 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168024.967345849390 | 168024.97 | 3909468.47 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168036.415845849390 | 168036.42 | 3909446.71 | FENCEGRD | 0.0001 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168047.864345849390 | 168047.86 | 3909424.95 | FENCEGRD | 0.0001 | 0.0002 | 0.0002 | 0.0002 | | | | | | |

3rd Trimester Cancer Risk

| 3rd Trimester Cancer Risk (per million) | | | | | | | | | | | | | |
|---|-----------|------------|----------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168219.591845849390 | 168219.59 | 3909098.53 | FENCEGRD | 0.0009 | 0.0009 | 0.0009 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168231.040345849390 | 168231.04 | 3909076.76 | FENCEGRD | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168068.800256053909 | 168068.80 | 3909568.33 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168047.030097082390 | 168047.03 | 3909578.11 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168025.259938113390 | 168025.26 | 3909587.89 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168003.489779144390 | 168003.49 | 3909597.67 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167981.719620175390 | 167981.72 | 3909607.45 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167959.949461207390 | 167959.95 | 3909617.23 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167938.179302238390 | 167938.18 | 3909627.00 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167916.409143269390 | 167916.41 | 3909636.78 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167894.638984339096 | 167894.64 | 3909646.56 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167872.868825332390 | 167872.87 | 3909656.34 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167851.098666363390 | 167851.10 | 3909666.12 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167829.328507394390 | 167829.33 | 3909675.90 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167807.558348426390 | 167807.56 | 3909685.68 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167785.788189457390 | 167785.79 | 3909695.46 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167764.018030488390 | 167764.02 | 3909705.23 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0005 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167742.247871519390 | 167742.25 | 3909715.01 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167720.477712551390 | 167720.48 | 3909724.79 | FENCEGRD | 0.0005 | 0.0005 | 0.0006 | 0.0006 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167698.707553582390 | 167698.71 | 3909734.57 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167676.937394613390 | 167676.94 | 3909744.35 | FENCEGRD | 0.0006 | 0.0007 | 0.0007 | 0.0007 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167655.167235645390 | 167655.17 | 3909754.13 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167633.397076676390 | 167633.40 | 3909763.91 | FENCEGRD | 0.0007 | 0.0007 | 0.0008 | 0.0008 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167611.626917707390 | 167611.63 | 3909773.69 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0008 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167524.546281832390 | 167524.55 | 3909812.80 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0008 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167502.776122863390 | 167502.78 | 3909822.58 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0008 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167481.005963895390 | 167481.01 | 3909832.36 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0008 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167459.235804926390 | 167459.24 | 3909842.14 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167437.465645957390 | 167437.47 | 3909851.92 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167400.981761602390 | 167400.98 | 3909842.90 | FENCEGRD | 0.0008 | 0.0008 | 0.0009 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167386.268036215390 | 167386.27 | 3909824.11 | FENCEGRD | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167371.554310828390 | 167371.55 | 3909805.32 | FENCEGRD | 0.0009 | 0.0010 | 0.0010 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167356.840585442390 | 167356.84 | 3909786.53 | FENCEGRD | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167342.126860055390 | 167342.13 | 3909767.74 | FENCEGRD | 0.0011 | 0.0011 | 0.0011 | 0.0011 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167327.413134668390 | 167327.41 | 3909748.95 | FENCEGRD | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167312.699409281390 | 167312.70 | 3909730.16 | FENCEGRD | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167297.985683895390 | 167297.99 | 3909711.37 | FENCEGRD | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167283.271958508390 | 167283.27 | 3909692.58 | FENCEGRD | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167268.558233121390 | 167268.56 | 3909673.79 | FENCEGRD | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167253.844507735390 | 167253.84 | 3909655.00 | FENCEGRD | 0.0016 | 0.0016 | 0.0016 | 0.0017 | 0.0002 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167239.130782348390 | 167239.13 | 3909636.21 | FENCEGRD | 0.0017 | 0.0017 | 0.0017 | 0.0018 | 0.0002 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167224.417056961390 | 167224.42 | 3909617.42 | FENCEGRD | 0.0018 | 0.0018 | 0.0019 | 0.0019 | 0.0002 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167209.703331574390 | 167209.70 | 3909598.63 | FENCEGRD | 0.0019 | 0.0020 | 0.0020 | 0.0020 | 0.0002 | 0.0006 | 0.0000 | 0.0000 | 0.0001 | 0.0001 |
| 167194.989606188390 | 167194.99 | 3909579.84 | FENCEGRD | 0.0021 | 0.0021 | 0.0021 | 0.0022 | 0.0002 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167180.275880801390 | 167180.28 | 3909561.05 | FENCEGRD | 0.0022 | 0.0023 | 0.0023 | 0.0023 | 0.0002 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167165.562155414390 | 167165.56 | 3909542.26 | FENCEGRD | 0.0024 | 0.0024 | 0.0025 | 0.0025 | 0.0002 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167150.848430027390 | 167150.85 | 3909523.47 | FENCEGRD | 0.0026 | 0.0026 | 0.0026 | 0.0026 | 0.0002 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167136.134704641390 | 167136.13 | 3909504.68 | FENCEGRD | 0.0027 | 0.0027 | 0.0027 | 0.0027 | 0.0002 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167121.420979254390 | 167121.42 | 3909485.89 | FENCEGRD | 0.0028 | 0.0028 | 0.0028 | 0.0028 | 0.0002 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167106.707253867390 | 167106.71 | 3909467.10 | FENCEGRD | 0.0029 | 0.0029 | 0.0028 | 0.0028 | 0.0002 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167091.993528481390 | 167091.99 | 3909448.31 | FENCEGRD | 0.0029 | 0.0029 | 0.0028 | 0.0028 | 0.0002 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167077.279803094390 | 167077.28 | 3909429.52 | FENCEGRD | 0.0029 | 0.0028 | 0.0028 | 0.0027 | 0.0002 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167062.566077707390 | 167062.57 | 3909410.73 | FENCEGRD | 0.0028 | 0.0027 | 0.0027 | 0.0026 | 0.0002 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167047.852352323909 | 167047.85 | 3909391.94 | FENCEGRD | 0.0027 | 0.0026 | 0.0026 | 0.0025 | 0.0001 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167033.138626934390 | 167033.14 | 3909373.15 | FENCEGRD | 0.0025 | 0.0025 | 0.0024 | 0.0024 | 0.0001 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167018.424901547390 | 167018.42 | 3909354.36 | FENCEGRD | 0.0024 | 0.0023 | 0.0023 | 0.0022 | 0.0001 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167003.711176163909 | 167003.71 | 3909335.57 | FENCEGRD | 0.0022 | 0.0022 | 0.0021 | 0.0021 | 0.0001 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166988.997450773390 | 166989.00 | 3909316.78 | FENCEGRD | 0.0021 | 0.0020 | 0.0020 | 0.0019 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166974.283725387390 | 166974.28 | 3909297.99 | FENCEGRD | 0.0019 | 0.0019 | 0.0018 | 0.0018 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168090.570415019390 | 168090.57 | 3909558.55 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168102.018915019390 | 168102.02 | 3909536.79 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168113.467415019390 | 168113.47 | 3909515.03 | FENCEGRD | 0.0001 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168124.915915019390 | 168124.92 | 3909493.27 | FENCEGRD | 0.0001 | 0.0001 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168136.364415019390 | 168136.36 | 3909471.51 | FENCEGRD | 0.0001 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168147.812915019390 | 168147.81 | 3909449.75 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168159.261415019390 | 168159.26 | 3909427.98 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168170.709915019390 | 168170.71 | 3909406.22 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168182.158415019390 | 168182.16 | 3909384.46 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168193.606915019390 | 168193.61 | 3909362.70 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | | | | | | |

3rd Trimester Cancer Risk

| 3rd Trimester Cancer Risk (per million) | | | | | | | | | | | | | |
|---|-----------|------------|----------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168091.586697222390 | 168091.59 | 3909644.41 | FENCEGRD | 0.0002 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168069.715750483909 | 168069.72 | 3909654.23 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168047.844803739390 | 168047.84 | 3909664.06 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168025.973856997390 | 168025.97 | 3909673.88 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168004.102910255390 | 168004.10 | 3909683.70 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167982.231963513390 | 167982.23 | 3909693.53 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167960.361016772390 | 167960.36 | 3909703.35 | FENCEGRD | 0.0002 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167938.490070033909 | 167938.49 | 3909713.18 | FENCEGRD | 0.0002 | 0.0002 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167916.619123288390 | 167916.62 | 3909723.00 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167894.748176546390 | 167894.75 | 3909732.82 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167872.877229805390 | 167872.88 | 3909742.65 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167851.006283063390 | 167851.01 | 3909752.47 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167829.135336321390 | 167829.14 | 3909762.30 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167807.264389583909 | 167807.26 | 3909772.12 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167785.393442838390 | 167785.39 | 3909781.94 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167763.522496096390 | 167763.52 | 3909791.77 | FENCEGRD | 0.0004 | 0.0004 | 0.0005 | 0.0005 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167741.651549354390 | 167741.65 | 3909801.59 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167719.780602613390 | 167719.78 | 3909811.42 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0006 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167697.909655871390 | 167697.91 | 3909821.24 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167676.038709129390 | 167676.04 | 3909831.07 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167654.167762388390 | 167654.17 | 3909840.89 | FENCEGRD | 0.0006 | 0.0007 | 0.0007 | 0.0007 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167566.683975421390 | 167566.68 | 3909880.19 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167544.813028679390 | 167544.81 | 3909890.01 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167522.942081937390 | 167522.94 | 3909899.83 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167501.071135196390 | 167501.07 | 3909909.66 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167479.200188454390 | 167479.20 | 3909919.48 | FENCEGRD | 0.0006 | 0.0006 | 0.0007 | 0.0007 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167457.329241712390 | 167457.33 | 3909929.31 | FENCEGRD | 0.0006 | 0.0006 | 0.0007 | 0.0007 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167435.458294973909 | 167435.46 | 3909939.13 | FENCEGRD | 0.0006 | 0.0007 | 0.0007 | 0.0007 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167413.587348229390 | 167413.59 | 3909948.95 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167376.934557001390 | 167376.93 | 3909939.90 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167362.152712515390 | 167362.15 | 3909921.02 | FENCEGRD | 0.0007 | 0.0007 | 0.0008 | 0.0008 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167347.370868033909 | 167347.37 | 3909902.15 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0008 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167332.589023544390 | 167332.59 | 3909883.27 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167317.807179058390 | 167317.81 | 3909864.39 | FENCEGRD | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167303.025334572390 | 167303.03 | 3909845.51 | FENCEGRD | 0.0009 | 0.0009 | 0.0010 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167288.243490087390 | 167288.24 | 3909826.64 | FENCEGRD | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167273.461645601390 | 167273.46 | 3909807.76 | FENCEGRD | 0.0011 | 0.0011 | 0.0011 | 0.0011 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167258.679801115390 | 167258.68 | 3909788.88 | FENCEGRD | 0.0011 | 0.0011 | 0.0011 | 0.0012 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167243.897956629390 | 167243.90 | 3909770.01 | FENCEGRD | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167229.116112144390 | 167229.12 | 3909751.13 | FENCEGRD | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167214.334267658390 | 167214.33 | 3909732.25 | FENCEGRD | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167199.552423172390 | 167199.55 | 3909713.37 | FENCEGRD | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167184.770578686390 | 167184.77 | 3909694.50 | FENCEGRD | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0002 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167169.988734201390 | 167169.99 | 3909675.62 | FENCEGRD | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0002 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167155.206889715390 | 167155.21 | 3909656.74 | FENCEGRD | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0002 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167140.425045229390 | 167140.43 | 3909637.87 | FENCEGRD | 0.0017 | 0.0018 | 0.0018 | 0.0018 | 0.0002 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167125.643200743390 | 167125.64 | 3909618.99 | FENCEGRD | 0.0018 | 0.0019 | 0.0019 | 0.0019 | 0.0002 | 0.0006 | 0.0000 | 0.0001 | 0.0001 | 0.0001 |
| 167110.861356258390 | 167110.86 | 3909600.11 | FENCEGRD | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0002 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167096.079511772390 | 167096.08 | 3909581.23 | FENCEGRD | 0.0021 | 0.0021 | 0.0021 | 0.0022 | 0.0002 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167081.297667286390 | 167081.30 | 3909562.36 | FENCEGRD | 0.0022 | 0.0022 | 0.0023 | 0.0023 | 0.0002 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167066.515822839099 | 167066.52 | 3909543.48 | FENCEGRD | 0.0023 | 0.0023 | 0.0023 | 0.0023 | 0.0002 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167051.733978315390 | 167051.73 | 3909524.60 | FENCEGRD | 0.0024 | 0.0024 | 0.0024 | 0.0024 | 0.0002 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167036.952133829390 | 167036.95 | 3909505.73 | FENCEGRD | 0.0024 | 0.0024 | 0.0024 | 0.0024 | 0.0002 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167022.170289343390 | 167022.17 | 3909486.85 | FENCEGRD | 0.0024 | 0.0024 | 0.0024 | 0.0024 | 0.0002 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167007.388444857390 | 167007.39 | 3909467.97 | FENCEGRD | 0.0024 | 0.0024 | 0.0023 | 0.0023 | 0.0002 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 166992.606600372390 | 166992.61 | 3909449.09 | FENCEGRD | 0.0024 | 0.0023 | 0.0023 | 0.0023 | 0.0002 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 166977.824755886390 | 166977.82 | 3909430.22 | FENCEGRD | 0.0023 | 0.0023 | 0.0022 | 0.0022 | 0.0001 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 166963.042911439094 | 166963.04 | 3909411.34 | FENCEGRD | 0.0022 | 0.0022 | 0.0021 | 0.0021 | 0.0001 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 166948.261066914390 | 166948.26 | 3909392.46 | FENCEGRD | 0.0021 | 0.0021 | 0.0020 | 0.0020 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166933.479222429390 | 166933.48 | 3909373.59 | FENCEGRD | 0.0020 | 0.0020 | 0.0019 | 0.0019 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166918.697377943390 | 166918.70 | 3909354.71 | FENCEGRD | 0.0019 | 0.0018 | 0.0018 | 0.0018 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166903.915533457390 | 166903.92 | 3909335.83 | FENCEGRD | 0.0018 | 0.0017 | 0.0017 | 0.0016 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166889.133688972390 | 166889.13 | 3909316.95 | FENCEGRD | 0.0017 | 0.0016 | 0.0016 | 0.0015 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166874.351844486390 | 166874.35 | 3909298.08 | FENCEGRD | 0.0015 | 0.0015 | 0.0015 | 0.0014 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168179.070484189390 | 168179.07 | 3909605.11 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168190.518984189390 | 168190.52 | 3909583.35 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168201.967484189390 | 168201.97 | 3909561.59 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168213.415984189390 | 168213.42 | 3909539.83 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168224.864484189390 | 168224.86 | 3909518.07 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | | | | | | |

3rd Trimester Cancer Risk

| 3rd Trimester Cancer Risk (per million) | | | | | | | | | | | | | |
|---|-----------|------------|----------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168396.591984189390 | 168396.59 | 3909191.64 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168408.040484189390 | 168408.04 | 3909169.88 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167787.000405301390 | 167787.00 | 3908808.03 | FENCEGRD | 0.0050 | 0.0049 | 0.0047 | 0.0045 | 0.0002 | 0.0020 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167754.375442745390 | 167754.38 | 3908835.86 | FENCEGRD | 0.0053 | 0.0050 | 0.0046 | 0.0043 | 0.0002 | 0.0020 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167733.477442745390 | 167733.48 | 3908848.95 | FENCEGRD | 0.0051 | 0.0047 | 0.0043 | 0.0040 | 0.0002 | 0.0018 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167712.579442745390 | 167712.58 | 3908862.03 | FENCEGRD | 0.0046 | 0.0043 | 0.0039 | 0.0035 | 0.0001 | 0.0015 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167691.681442745390 | 167691.68 | 3908875.12 | FENCEGRD | 0.0041 | 0.0037 | 0.0033 | 0.0030 | 0.0001 | 0.0013 | 0.0001 | 0.0000 | 0.0000 | 0.0000 |
| 167670.783442745390 | 167670.78 | 3908888.20 | FENCEGRD | 0.0035 | 0.0031 | 0.0028 | 0.0025 | 0.0001 | 0.0011 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167762.006885491390 | 167762.01 | 3908801.59 | FENCEGRD | 0.0044 | 0.0042 | 0.0039 | 0.0037 | 0.0002 | 0.0015 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167741.108885491390 | 167741.11 | 3908814.67 | FENCEGRD | 0.0042 | 0.0039 | 0.0036 | 0.0034 | 0.0001 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167720.210885491390 | 167720.21 | 3908827.76 | FENCEGRD | 0.0039 | 0.0036 | 0.0033 | 0.0030 | 0.0001 | 0.0010 | 0.0001 | 0.0001 | 0.0000 | 0.0000 |
| 167699.312885491390 | 167699.31 | 3908840.84 | FENCEGRD | 0.0034 | 0.0032 | 0.0029 | 0.0026 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167678.414885491390 | 167678.41 | 3908853.93 | FENCEGRD | 0.0030 | 0.0028 | 0.0025 | 0.0023 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167657.516885491390 | 167657.52 | 3908867.01 | FENCEGRD | 0.0026 | 0.0023 | 0.0021 | 0.0019 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167794.142777813390 | 167794.14 | 3908784.69 | FENCEGRD | 0.0046 | 0.0045 | 0.0042 | 0.0040 | 0.0002 | 0.0018 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167816.844002601390 | 167816.84 | 3908786.84 | FENCEGRD | 0.0048 | 0.0047 | 0.0046 | 0.0045 | 0.0002 | 0.0022 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167748.740328236390 | 167748.74 | 3908780.40 | FENCEGRD | 0.0036 | 0.0033 | 0.0031 | 0.0029 | 0.0001 | 0.0010 | 0.0001 | 0.0001 | 0.0000 | 0.0000 |
| 167727.842328236390 | 167727.84 | 3908793.49 | FENCEGRD | 0.0033 | 0.0031 | 0.0029 | 0.0027 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167706.944328236390 | 167706.94 | 3908806.57 | FENCEGRD | 0.0030 | 0.0028 | 0.0026 | 0.0024 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167686.046328236390 | 167686.05 | 3908819.65 | FENCEGRD | 0.0027 | 0.0025 | 0.0023 | 0.0021 | 0.0001 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167665.148328236390 | 167665.15 | 3908832.74 | FENCEGRD | 0.0024 | 0.0022 | 0.0020 | 0.0018 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167644.250328236390 | 167644.25 | 3908845.82 | FENCEGRD | 0.0020 | 0.0019 | 0.0017 | 0.0016 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167783.903050533908 | 167783.90 | 3908763.79 | FENCEGRD | 0.0040 | 0.0038 | 0.0036 | 0.0034 | 0.0001 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167808.117690304390 | 167808.12 | 3908766.08 | FENCEGRD | 0.0044 | 0.0042 | 0.0041 | 0.0039 | 0.0002 | 0.0017 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167868.842829443390 | 167868.84 | 3908842.58 | FENCEGRD | 0.0055 | 0.0054 | 0.0053 | 0.0052 | 0.0002 | 0.0024 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167735.473770981390 | 167735.47 | 3908759.21 | FENCEGRD | 0.0030 | 0.0028 | 0.0026 | 0.0024 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167714.575770981390 | 167714.58 | 3908772.30 | FENCEGRD | 0.0027 | 0.0026 | 0.0024 | 0.0022 | 0.0001 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167693.677770981390 | 167693.68 | 3908785.38 | FENCEGRD | 0.0025 | 0.0023 | 0.0021 | 0.0020 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167672.779770981390 | 167672.78 | 3908798.46 | FENCEGRD | 0.0022 | 0.0020 | 0.0019 | 0.0017 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167651.881770981390 | 167651.88 | 3908811.55 | FENCEGRD | 0.0019 | 0.0018 | 0.0016 | 0.0015 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167630.983770981390 | 167630.98 | 3908824.63 | FENCEGRD | 0.0017 | 0.0015 | 0.0014 | 0.0013 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167731.641881263908 | 167731.64 | 3908718.98 | FENCEGRD | 0.0025 | 0.0023 | 0.0021 | 0.0020 | 0.0001 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167754.343106049390 | 167754.34 | 3908721.12 | FENCEGRD | 0.0028 | 0.0027 | 0.0025 | 0.0024 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167777.044330837390 | 167777.04 | 3908723.27 | FENCEGRD | 0.0032 | 0.0031 | 0.0029 | 0.0027 | 0.0001 | 0.0011 | 0.0001 | 0.0001 | 0.0000 | 0.0000 |
| 167799.74555625390 | 167799.75 | 3908725.42 | FENCEGRD | 0.0036 | 0.0034 | 0.0033 | 0.0031 | 0.0001 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167822.446780414390 | 167822.45 | 3908727.56 | FENCEGRD | 0.0038 | 0.0037 | 0.0036 | 0.0034 | 0.0002 | 0.0015 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167845.148005202390 | 167845.15 | 3908729.71 | FENCEGRD | 0.0039 | 0.0039 | 0.0038 | 0.0037 | 0.0002 | 0.0017 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167902.077823145390 | 167902.08 | 3908801.43 | FENCEGRD | 0.0049 | 0.0048 | 0.0047 | 0.0046 | 0.0002 | 0.0023 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167905.920279267390 | 167905.92 | 3908823.90 | FENCEGRD | 0.0050 | 0.0049 | 0.0048 | 0.0048 | 0.0002 | 0.0022 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167909.762735389390 | 167909.76 | 3908846.38 | FENCEGRD | 0.0050 | 0.0050 | 0.0050 | 0.0049 | 0.0002 | 0.0020 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167913.605191511390 | 167913.61 | 3908868.86 | FENCEGRD | 0.0048 | 0.0049 | 0.0049 | 0.0050 | 0.0002 | 0.0018 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167917.447647633390 | 167917.45 | 3908891.33 | FENCEGRD | 0.0046 | 0.0047 | 0.0049 | 0.0050 | 0.0002 | 0.0016 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167708.940656472390 | 167708.94 | 3908716.83 | FENCEGRD | 0.0021 | 0.0020 | 0.0018 | 0.0017 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167688.042656472390 | 167688.04 | 3908729.92 | FENCEGRD | 0.0019 | 0.0018 | 0.0016 | 0.0015 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167667.144656472390 | 167667.14 | 3908743.00 | FENCEGRD | 0.0017 | 0.0016 | 0.0015 | 0.0014 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167646.246656472390 | 167646.25 | 3908756.08 | FENCEGRD | 0.0015 | 0.0014 | 0.0013 | 0.0012 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167625.348656472390 | 167625.35 | 3908769.17 | FENCEGRD | 0.0013 | 0.0013 | 0.0012 | 0.0011 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167604.450656472390 | 167604.45 | 3908782.25 | FENCEGRD | 0.0012 | 0.0011 | 0.0010 | 0.0010 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167706.622181736390 | 167706.62 | 3908676.74 | FENCEGRD | 0.0018 | 0.0017 | 0.0016 | 0.0015 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167730.836821511390 | 167730.84 | 3908679.03 | FENCEGRD | 0.0021 | 0.0020 | 0.0019 | 0.0018 | 0.0001 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167755.051461285390 | 167755.05 | 3908681.32 | FENCEGRD | 0.0025 | 0.0023 | 0.0022 | 0.0021 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167779.266101059390 | 167779.27 | 3908683.61 | FENCEGRD | 0.0027 | 0.0026 | 0.0025 | 0.0024 | 0.0001 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167803.480740834390 | 167803.48 | 3908685.90 | FENCEGRD | 0.0029 | 0.0028 | 0.0027 | 0.0026 | 0.0001 | 0.0010 | 0.0001 | 0.0000 | 0.0000 | 0.0000 |
| 167827.695380608390 | 167827.70 | 3908688.19 | FENCEGRD | 0.0031 | 0.0030 | 0.0030 | 0.0029 | 0.0001 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167851.910020382390 | 167851.91 | 3908690.47 | FENCEGRD | 0.0033 | 0.0032 | 0.0031 | 0.0031 | 0.0002 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167876.124660157390 | 167876.12 | 3908692.76 | FENCEGRD | 0.0034 | 0.0033 | 0.0033 | 0.0032 | 0.0002 | 0.0015 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167900.339299931390 | 167900.34 | 3908695.05 | FENCEGRD | 0.0036 | 0.0035 | 0.0034 | 0.0034 | 0.0002 | 0.0017 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167936.849799296390 | 167936.85 | 3908769.26 | FENCEGRD | 0.0048 | 0.0047 | 0.0047 | 0.0046 | 0.0002 | 0.0020 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167940.948419159390 | 167940.95 | 3908793.24 | FENCEGRD | 0.0050 | 0.0050 | 0.0049 | 0.0049 | 0.0002 | 0.0019 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167945.047039022390 | 167945.05 | 3908817.21 | FENCEGRD | 0.0052 | 0.0052 | 0.0052 | 0.0052 | 0.0002 | 0.0018 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167949.145658886390 | 167949.15 | 3908841.19 | FENCEGRD | 0.0054 | 0.0054 | 0.0054 | 0.0055 | 0.0002 | 0.0016 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167953.244278749390 | 167953.24 | 3908865.16 | FENCEGRD | 0.0053 | 0.0054 | 0.0055 | 0.0056 | 0.0002 | 0.0015 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167957.342898613390 | 167957.34 | 3908889.14 | FENCEGRD | 0.0051 | 0.0052 | 0.0054 | 0.0056 | 0.0003 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167961.441518476390 | 167961.44 | 3908913.11 | FENCEGRD | 0.0049 | 0.0051 | 0.0053 | 0.0055 | 0.0003 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167682.407541962390 | 167682.41 | 3908674.45 | FENCEGRD | 0.0015 | 0.0014 | 0.0013 | 0.0013 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167661.509541962390 | 167661.51 | 3908687.54 | FENCEGRD | 0.0014 | 0.0013 | 0.0012 | 0.0012 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167640.611541962390 | 167640.61 | 3908700.62 | FENCEGRD | 0.0012 | 0.0012 | 0.0011 | 0.0010 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167619.713541962390 | 167619.71 | 3908713.71 | FENCEGRD | 0.0011 | 0.0011 | 0.0010 | 0.0010 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167598.815541962390 | 167598.82 | 3908726.79 | FENCEGRD | 0.0010 | 0.0010 | 0.0009 | 0.0009 | | | | | | |

3rd Trimester Cancer Risk

| | | | | 3rd Trimester Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167978.262327821390 | 167978.26 | 3908775.95 | FENCEGRD | 0.0049 | 0.0049 | 0.0048 | 0.0048 | 0.0002 | 0.0018 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167982.203308459390 | 167982.20 | 3908799.00 | FENCEGRD | 0.0051 | 0.0051 | 0.0051 | 0.0051 | 0.0002 | 0.0016 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167986.144289097390 | 167986.14 | 3908822.05 | FENCEGRD | 0.0051 | 0.0052 | 0.0053 | 0.0053 | 0.0002 | 0.0015 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167990.085269735390 | 167990.09 | 3908845.10 | FENCEGRD | 0.0052 | 0.0052 | 0.0053 | 0.0054 | 0.0002 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167994.026250373390 | 167994.03 | 3908868.16 | FENCEGRD | 0.0051 | 0.0052 | 0.0053 | 0.0054 | 0.0003 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167997.967231011390 | 167997.97 | 3908891.21 | FENCEGRD | 0.0049 | 0.0050 | 0.0052 | 0.0054 | 0.0003 | 0.0011 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168001.908211649390 | 168001.91 | 3908914.26 | FENCEGRD | 0.0046 | 0.0048 | 0.0050 | 0.0052 | 0.0003 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168005.849192287390 | 168005.85 | 3908937.31 | FENCEGRD | 0.0042 | 0.0044 | 0.0046 | 0.0048 | 0.0003 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167655.874427453390 | 167655.87 | 3908632.07 | FENCEGRD | 0.0011 | 0.0011 | 0.0010 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167634.976427453390 | 167634.98 | 3908645.16 | FENCEGRD | 0.0010 | 0.0010 | 0.0009 | 0.0009 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167614.078427453390 | 167614.08 | 3908658.24 | FENCEGRD | 0.0010 | 0.0009 | 0.0009 | 0.0008 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167593.180427453390 | 167593.18 | 3908671.33 | FENCEGRD | 0.0009 | 0.0008 | 0.0008 | 0.0008 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167572.282427453390 | 167572.28 | 3908684.41 | FENCEGRD | 0.0008 | 0.0008 | 0.0007 | 0.0007 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167551.384427453390 | 167551.38 | 3908697.49 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0006 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167653.555952718390 | 167653.56 | 3908591.98 | FENCEGRD | 0.0010 | 0.0010 | 0.0009 | 0.0009 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167677.770592492390 | 167677.77 | 3908594.27 | FENCEGRD | 0.0012 | 0.0011 | 0.0011 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167701.985232266390 | 167701.99 | 3908596.56 | FENCEGRD | 0.0014 | 0.0013 | 0.0012 | 0.0012 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167726.199872043908 | 167726.20 | 3908598.85 | FENCEGRD | 0.0016 | 0.0015 | 0.0014 | 0.0014 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167750.414511815390 | 167750.41 | 3908601.14 | FENCEGRD | 0.0017 | 0.0017 | 0.0016 | 0.0016 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167774.629151589390 | 167774.63 | 3908603.43 | FENCEGRD | 0.0018 | 0.0018 | 0.0017 | 0.0017 | 0.0001 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167798.843791363390 | 167798.84 | 3908605.72 | FENCEGRD | 0.0020 | 0.0019 | 0.0019 | 0.0018 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167823.058431138390 | 167823.06 | 3908608.00 | FENCEGRD | 0.0022 | 0.0021 | 0.0020 | 0.0020 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167847.273070912390 | 167847.27 | 3908610.29 | FENCEGRD | 0.0023 | 0.0023 | 0.0022 | 0.0021 | 0.0001 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167871.487710686390 | 167871.49 | 3908612.58 | FENCEGRD | 0.0025 | 0.0024 | 0.0023 | 0.0023 | 0.0001 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167895.702350461390 | 167895.70 | 3908614.87 | FENCEGRD | 0.0026 | 0.0025 | 0.0025 | 0.0024 | 0.0001 | 0.0011 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167919.916990235390 | 167919.92 | 3908617.16 | FENCEGRD | 0.0027 | 0.0026 | 0.0026 | 0.0025 | 0.0001 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0000 |
| 167944.131630009390 | 167944.13 | 3908619.45 | FENCEGRD | 0.0028 | 0.0027 | 0.0027 | 0.0026 | 0.0001 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167968.346269784390 | 167968.35 | 3908621.74 | FENCEGRD | 0.0029 | 0.0029 | 0.0028 | 0.0028 | 0.0001 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167996.659529421390 | 167996.66 | 3908648.00 | FENCEGRD | 0.0034 | 0.0034 | 0.0033 | 0.0033 | 0.0002 | 0.0017 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168000.758149285390 | 168000.76 | 3908671.98 | FENCEGRD | 0.0037 | 0.0037 | 0.0036 | 0.0036 | 0.0002 | 0.0018 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168004.856769148390 | 168004.86 | 3908695.95 | FENCEGRD | 0.0040 | 0.0039 | 0.0039 | 0.0039 | 0.0002 | 0.0019 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168008.955389012390 | 168008.96 | 3908719.92 | FENCEGRD | 0.0042 | 0.0042 | 0.0042 | 0.0041 | 0.0002 | 0.0018 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168013.054008875390 | 168013.05 | 3908743.90 | FENCEGRD | 0.0044 | 0.0044 | 0.0044 | 0.0044 | 0.0002 | 0.0017 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168017.152628739390 | 168017.15 | 3908767.87 | FENCEGRD | 0.0047 | 0.0047 | 0.0047 | 0.0047 | 0.0002 | 0.0016 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168021.251248602390 | 168021.25 | 3908791.85 | FENCEGRD | 0.0048 | 0.0048 | 0.0049 | 0.0049 | 0.0002 | 0.0015 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168025.349868465390 | 168025.35 | 3908815.82 | FENCEGRD | 0.0048 | 0.0049 | 0.0050 | 0.0050 | 0.0002 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168029.448488329390 | 168029.45 | 3908839.80 | FENCEGRD | 0.0048 | 0.0049 | 0.0050 | 0.0051 | 0.0003 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168033.547108192390 | 168033.55 | 3908863.77 | FENCEGRD | 0.0046 | 0.0047 | 0.0049 | 0.0050 | 0.0003 | 0.0011 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168037.645728056390 | 168037.65 | 3908887.75 | FENCEGRD | 0.0044 | 0.0045 | 0.0047 | 0.0048 | 0.0003 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168041.744347919390 | 168041.74 | 3908911.72 | FENCEGRD | 0.0040 | 0.0042 | 0.0044 | 0.0046 | 0.0003 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168045.842967783390 | 168045.84 | 3908935.70 | FENCEGRD | 0.0036 | 0.0038 | 0.0040 | 0.0041 | 0.0003 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168049.941587646390 | 168049.94 | 3908959.67 | FENCEGRD | 0.0031 | 0.0033 | 0.0035 | 0.0036 | 0.0003 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167629.341312943390 | 167629.34 | 3908589.69 | FENCEGRD | 0.0009 | 0.0009 | 0.0008 | 0.0008 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167608.443312943390 | 167608.44 | 3908602.78 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0007 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167587.545312943390 | 167587.55 | 3908615.86 | FENCEGRD | 0.0008 | 0.0008 | 0.0007 | 0.0007 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167566.647312943390 | 167566.65 | 3908628.95 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0006 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167545.749312943390 | 167545.75 | 3908642.03 | FENCEGRD | 0.0007 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167524.851312943390 | 167524.85 | 3908655.11 | FENCEGRD | 0.0006 | 0.0006 | 0.0005 | 0.0005 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167600.489723699390 | 167600.49 | 3908507.23 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0006 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167624.704363473390 | 167624.70 | 3908509.51 | FENCEGRD | 0.0008 | 0.0007 | 0.0007 | 0.0007 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167648.919003247390 | 167648.92 | 3908511.80 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0007 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167673.133643022390 | 167673.13 | 3908514.09 | FENCEGRD | 0.0009 | 0.0009 | 0.0009 | 0.0008 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167697.348282796390 | 167697.35 | 3908516.38 | FENCEGRD | 0.0011 | 0.0010 | 0.0010 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167721.562922573908 | 167721.56 | 3908518.67 | FENCEGRD | 0.0012 | 0.0011 | 0.0011 | 0.0010 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167745.777562345390 | 167745.78 | 3908520.96 | FENCEGRD | 0.0013 | 0.0013 | 0.0012 | 0.0012 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167769.992202119390 | 167769.99 | 3908523.25 | FENCEGRD | 0.0014 | 0.0014 | 0.0013 | 0.0013 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167794.206841893390 | 167794.21 | 3908525.54 | FENCEGRD | 0.0015 | 0.0014 | 0.0014 | 0.0014 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167818.421481668390 | 167818.42 | 3908527.82 | FENCEGRD | 0.0016 | 0.0016 | 0.0015 | 0.0015 | 0.0001 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167842.636121442390 | 167842.64 | 3908530.11 | FENCEGRD | 0.0018 | 0.0017 | 0.0017 | 0.0016 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167866.850761216390 | 167866.85 | 3908532.40 | FENCEGRD | 0.0019 | 0.0018 | 0.0018 | 0.0017 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167891.065400991390 | 167891.07 | 3908534.69 | FENCEGRD | 0.0020 | 0.0020 | 0.0019 | 0.0019 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167915.280040765390 | 167915.28 | 3908536.98 | FENCEGRD | 0.0021 | 0.0021 | 0.0020 | 0.0020 | 0.0001 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167939.494680539390 | 167939.49 | 3908539.27 | FENCEGRD | 0.0022 | 0.0022 | 0.0021 | 0.0021 | 0.0001 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167963.709320314390 | 167963.71 | 3908541.56 | FENCEGRD | 0.0023 | 0.0022 | 0.0022 | 0.0022 | 0.0001 | 0.0011 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167987.923960088390 | 167987.92 | 3908543.84 | FENCEGRD | 0.0024 | 0.0024 | 0.0023 | 0.0023 | 0.0001 | 0.0012 | 0.0001 | 0.0000 | 0.0000 | 0.0000 |
| 168012.138599862390 | 168012.14 | 3908546.13 | FENCEGRD | 0.0025 | 0.0025 | 0.0025 | 0.0024 | 0.0001 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168036.353239637390 | 168036.35 | 3908548.42 | FENCEGRD | 0.0026 | 0.0025 | 0.0025 | 0.0024 | 0.0001 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168064.666499274390 | 168064.67 | 3908574.69 | FENCEGRD | 0.0029 | 0.0028 | 0.0028 | 0.0027 | 0.0002 | 0.0015 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168068.765119138390 | 168068.77 | 3908598.66 | FENCEGRD | 0.0030 | 0.0030 | 0.0030 | 0.0 | | | | | | |

3rd Trimester Cancer Risk

| | | | | 3rd Trimester Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168130.244417089390 | 168130.24 | 3908958.28 | FENCEGRD | 0.0023 | 0.0024 | 0.0025 | 0.0026 | 0.0002 | 0.0006 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168134.343036952390 | 168134.34 | 3908982.26 | FENCEGRD | 0.0020 | 0.0021 | 0.0022 | 0.0023 | 0.0002 | 0.0005 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168138.441656816390 | 168138.44 | 3909006.23 | FENCEGRD | 0.0017 | 0.0018 | 0.0019 | 0.0020 | 0.0002 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167576.275083924390 | 167576.28 | 3908504.94 | FENCEGRD | 0.0007 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167555.377083924390 | 167555.38 | 3908518.02 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167534.479083924390 | 167534.48 | 3908531.10 | FENCEGRD | 0.0006 | 0.0006 | 0.0005 | 0.0005 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167513.581083924390 | 167513.58 | 3908544.19 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167492.683083924390 | 167492.68 | 3908557.27 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167471.785083924390 | 167471.79 | 3908570.36 | FENCEGRD | 0.0005 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167547.423494683908 | 167547.42 | 3908422.47 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167571.638134454390 | 167571.64 | 3908424.76 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167595.852774228390 | 167595.85 | 3908427.04 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167620.067414003390 | 167620.07 | 3908429.33 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167644.282053777390 | 167644.28 | 3908431.62 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167668.496693551390 | 167668.50 | 3908433.91 | FENCEGRD | 0.0008 | 0.0008 | 0.0007 | 0.0007 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167692.711333325390 | 167692.71 | 3908436.20 | FENCEGRD | 0.0009 | 0.0008 | 0.0008 | 0.0008 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167716.925973139084 | 167716.93 | 3908438.49 | FENCEGRD | 0.0009 | 0.0009 | 0.0009 | 0.0008 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167741.140612874390 | 167741.14 | 3908440.78 | FENCEGRD | 0.0010 | 0.0010 | 0.0010 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167765.355252648390 | 167765.36 | 3908443.07 | FENCEGRD | 0.0011 | 0.0011 | 0.0011 | 0.0010 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167789.569892423390 | 167789.57 | 3908445.35 | FENCEGRD | 0.0012 | 0.0012 | 0.0011 | 0.0011 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167813.784532197390 | 167813.78 | 3908447.64 | FENCEGRD | 0.0013 | 0.0012 | 0.0012 | 0.0012 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167837.999171971390 | 167838.00 | 3908449.93 | FENCEGRD | 0.0014 | 0.0013 | 0.0013 | 0.0013 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167862.213811746390 | 167862.21 | 3908452.22 | FENCEGRD | 0.0015 | 0.0014 | 0.0014 | 0.0014 | 0.0001 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167886.428451523908 | 167886.43 | 3908454.51 | FENCEGRD | 0.0016 | 0.0016 | 0.0015 | 0.0015 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167910.643091294390 | 167910.64 | 3908456.80 | FENCEGRD | 0.0017 | 0.0017 | 0.0016 | 0.0016 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167934.857731068390 | 167934.86 | 3908459.09 | FENCEGRD | 0.0018 | 0.0017 | 0.0017 | 0.0017 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167959.072370843390 | 167959.07 | 3908461.38 | FENCEGRD | 0.0019 | 0.0018 | 0.0018 | 0.0018 | 0.0001 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167983.287010617390 | 167983.29 | 3908463.66 | FENCEGRD | 0.0020 | 0.0019 | 0.0019 | 0.0019 | 0.0001 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168007.501650391390 | 168007.50 | 3908465.95 | FENCEGRD | 0.0020 | 0.0020 | 0.0019 | 0.0019 | 0.0001 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168031.716290166390 | 168031.72 | 3908468.24 | FENCEGRD | 0.0020 | 0.0020 | 0.0019 | 0.0019 | 0.0001 | 0.0011 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168055.930929943908 | 168055.93 | 3908470.53 | FENCEGRD | 0.0021 | 0.0020 | 0.0020 | 0.0019 | 0.0001 | 0.0011 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168080.145569714390 | 168080.15 | 3908472.82 | FENCEGRD | 0.0021 | 0.0021 | 0.0020 | 0.0020 | 0.0001 | 0.0011 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168104.360209489390 | 168104.36 | 3908475.11 | FENCEGRD | 0.0021 | 0.0021 | 0.0021 | 0.0020 | 0.0001 | 0.0012 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168132.673469126390 | 168132.67 | 3908501.37 | FENCEGRD | 0.0024 | 0.0023 | 0.0023 | 0.0023 | 0.0001 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168136.772088993908 | 168136.77 | 3908525.35 | FENCEGRD | 0.0025 | 0.0025 | 0.0025 | 0.0024 | 0.0001 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168140.870708853390 | 168140.87 | 3908549.32 | FENCEGRD | 0.0027 | 0.0027 | 0.0026 | 0.0026 | 0.0002 | 0.0015 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168144.969328717390 | 168144.97 | 3908573.30 | FENCEGRD | 0.0029 | 0.0028 | 0.0028 | 0.0028 | 0.0002 | 0.0015 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168149.067948583908 | 168149.07 | 3908597.27 | FENCEGRD | 0.0030 | 0.0030 | 0.0030 | 0.0030 | 0.0002 | 0.0015 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168153.166568444390 | 168153.17 | 3908621.24 | FENCEGRD | 0.0031 | 0.0031 | 0.0031 | 0.0031 | 0.0002 | 0.0015 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168157.265188307390 | 168157.27 | 3908645.22 | FENCEGRD | 0.0032 | 0.0032 | 0.0033 | 0.0033 | 0.0002 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168161.363808171390 | 168161.36 | 3908669.19 | FENCEGRD | 0.0033 | 0.0034 | 0.0034 | 0.0034 | 0.0002 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168165.462428034390 | 168165.46 | 3908693.17 | FENCEGRD | 0.0034 | 0.0034 | 0.0034 | 0.0035 | 0.0002 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168169.561047897390 | 168169.56 | 3908717.14 | FENCEGRD | 0.0034 | 0.0034 | 0.0035 | 0.0035 | 0.0002 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168173.659667761390 | 168173.66 | 3908741.12 | FENCEGRD | 0.0033 | 0.0034 | 0.0034 | 0.0035 | 0.0002 | 0.0011 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168177.758287624390 | 168177.76 | 3908765.09 | FENCEGRD | 0.0033 | 0.0033 | 0.0034 | 0.0035 | 0.0002 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168181.856907488390 | 168181.86 | 3908789.07 | FENCEGRD | 0.0032 | 0.0033 | 0.0034 | 0.0035 | 0.0002 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168185.955527351390 | 168185.96 | 3908813.04 | FENCEGRD | 0.0031 | 0.0032 | 0.0033 | 0.0034 | 0.0002 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168190.054147215390 | 168190.05 | 3908837.02 | FENCEGRD | 0.0029 | 0.0030 | 0.0031 | 0.0032 | 0.0002 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168194.152767078390 | 168194.15 | 3908860.99 | FENCEGRD | 0.0027 | 0.0028 | 0.0029 | 0.0030 | 0.0002 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168198.251386942390 | 168198.25 | 3908884.97 | FENCEGRD | 0.0025 | 0.0026 | 0.0027 | 0.0028 | 0.0002 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168202.350006805390 | 168202.35 | 3908908.94 | FENCEGRD | 0.0022 | 0.0023 | 0.0024 | 0.0025 | 0.0002 | 0.0006 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168206.448626668390 | 168206.45 | 3908932.92 | FENCEGRD | 0.0019 | 0.0020 | 0.0021 | 0.0022 | 0.0002 | 0.0005 | 0.0000 | 0.0001 | 0.0001 | 0.0001 |
| 168210.547246532390 | 168210.55 | 3908956.89 | FENCEGRD | 0.0017 | 0.0018 | 0.0019 | 0.0019 | 0.0002 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168214.645866395390 | 168214.65 | 3908980.87 | FENCEGRD | 0.0015 | 0.0016 | 0.0017 | 0.0017 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168218.744486259390 | 168218.74 | 3909004.84 | FENCEGRD | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168222.843106122390 | 168222.84 | 3909028.82 | FENCEGRD | 0.0012 | 0.0013 | 0.0013 | 0.0014 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168226.941725986390 | 168226.94 | 3909052.79 | FENCEGRD | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167523.208854905390 | 167523.21 | 3908420.18 | FENCEGRD | 0.0005 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167502.310854905390 | 167502.31 | 3908433.26 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167481.412854905390 | 167481.41 | 3908446.35 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167460.514854905390 | 167460.51 | 3908459.43 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167439.616854905390 | 167439.62 | 3908472.51 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167418.718854905390 | 167418.72 | 3908485.60 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167494.357265661390 | 167494.36 | 3908337.71 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167518.571905435390 | 167518.57 | 3908340.00 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167542.786545209390 | 167542.79 | 3908342.29 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167567.001184984390 | 167567.00 | 3908344.57 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167591.215824758390 | 167591.22 | 3908346.86 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167615.430464532390 | 167615.43 | 3908349.15 | FENCEGRD | 0.0005 | 0.0005 | 0.0004 | 0.0 | | | | | | |

3rd Trimester Cancer Risk

| 3rd Trimester Cancer Risk (per million) | | | | | | | | | | | | | |
|---|-----------|------------|----------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167978.650061147390 | 167978.65 | 3908383.48 | FENCEGRD | 0.0016 | 0.0016 | 0.0015 | 0.0015 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168002.864700921390 | 168002.86 | 3908385.77 | FENCEGRD | 0.0016 | 0.0016 | 0.0015 | 0.0015 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168027.079340696390 | 168027.08 | 3908388.06 | FENCEGRD | 0.0016 | 0.0016 | 0.0016 | 0.0015 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168051.293980473908 | 168051.29 | 3908390.35 | FENCEGRD | 0.0017 | 0.0016 | 0.0016 | 0.0016 | 0.0001 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168075.508620244390 | 168075.51 | 3908392.64 | FENCEGRD | 0.0017 | 0.0017 | 0.0016 | 0.0016 | 0.0001 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168099.723260019390 | 168099.72 | 3908394.93 | FENCEGRD | 0.0017 | 0.0017 | 0.0017 | 0.0016 | 0.0001 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168123.937899793390 | 168123.94 | 3908397.22 | FENCEGRD | 0.0018 | 0.0018 | 0.0017 | 0.0017 | 0.0001 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168148.152539567390 | 168148.15 | 3908399.50 | FENCEGRD | 0.0018 | 0.0018 | 0.0018 | 0.0017 | 0.0001 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168172.367179342390 | 168172.37 | 3908401.79 | FENCEGRD | 0.0019 | 0.0018 | 0.0018 | 0.0018 | 0.0001 | 0.0011 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168200.680438979390 | 168200.68 | 3908428.06 | FENCEGRD | 0.0020 | 0.0020 | 0.0020 | 0.0019 | 0.0001 | 0.0012 | 0.0001 | 0.0001 | 0.0000 | 0.0000 |
| 168204.779058843390 | 168204.78 | 3908452.03 | FENCEGRD | 0.0022 | 0.0021 | 0.0021 | 0.0021 | 0.0001 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168208.877678706390 | 168208.88 | 3908476.01 | FENCEGRD | 0.0023 | 0.0023 | 0.0022 | 0.0022 | 0.0001 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168212.976298573908 | 168212.98 | 3908499.98 | FENCEGRD | 0.0024 | 0.0024 | 0.0024 | 0.0023 | 0.0001 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168217.074918433390 | 168217.07 | 3908523.96 | FENCEGRD | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0002 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168221.173538297390 | 168221.17 | 3908547.93 | FENCEGRD | 0.0026 | 0.0026 | 0.0026 | 0.0026 | 0.0002 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168225.272158163908 | 168225.27 | 3908571.90 | FENCEGRD | 0.0027 | 0.0027 | 0.0027 | 0.0027 | 0.0002 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168229.370778023390 | 168229.37 | 3908595.88 | FENCEGRD | 0.0028 | 0.0028 | 0.0028 | 0.0028 | 0.0002 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168233.469397887390 | 168233.47 | 3908619.85 | FENCEGRD | 0.0029 | 0.0029 | 0.0029 | 0.0029 | 0.0002 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168237.568017753908 | 168237.57 | 3908643.83 | FENCEGRD | 0.0029 | 0.0030 | 0.0030 | 0.0030 | 0.0002 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168241.666637614390 | 168241.67 | 3908667.80 | FENCEGRD | 0.0029 | 0.0030 | 0.0030 | 0.0031 | 0.0002 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168245.765257477390 | 168245.77 | 3908691.78 | FENCEGRD | 0.0029 | 0.0030 | 0.0030 | 0.0031 | 0.0002 | 0.0011 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168249.863877341390 | 168249.86 | 3908715.75 | FENCEGRD | 0.0029 | 0.0030 | 0.0030 | 0.0031 | 0.0002 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168253.962497204390 | 168253.96 | 3908739.73 | FENCEGRD | 0.0028 | 0.0029 | 0.0030 | 0.0030 | 0.0002 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168258.061117067390 | 168258.06 | 3908763.70 | FENCEGRD | 0.0027 | 0.0027 | 0.0028 | 0.0029 | 0.0002 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168262.159736931390 | 168262.16 | 3908787.68 | FENCEGRD | 0.0025 | 0.0026 | 0.0027 | 0.0027 | 0.0002 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168266.258356794390 | 168266.26 | 3908811.65 | FENCEGRD | 0.0024 | 0.0024 | 0.0025 | 0.0026 | 0.0002 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168270.356976658390 | 168270.36 | 3908835.63 | FENCEGRD | 0.0022 | 0.0022 | 0.0023 | 0.0024 | 0.0002 | 0.0006 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168274.455596521390 | 168274.46 | 3908859.60 | FENCEGRD | 0.0019 | 0.0020 | 0.0021 | 0.0022 | 0.0002 | 0.0006 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168278.554216385390 | 168278.55 | 3908883.58 | FENCEGRD | 0.0018 | 0.0018 | 0.0019 | 0.0020 | 0.0002 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168282.652836248390 | 168282.65 | 3908907.55 | FENCEGRD | 0.0016 | 0.0017 | 0.0017 | 0.0018 | 0.0002 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168286.751456111390 | 168286.75 | 3908931.53 | FENCEGRD | 0.0014 | 0.0015 | 0.0015 | 0.0016 | 0.0002 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168290.850075975390 | 168290.85 | 3908955.50 | FENCEGRD | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168294.948695838390 | 168294.95 | 3908979.48 | FENCEGRD | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168299.047315702390 | 168299.05 | 3909003.45 | FENCEGRD | 0.0010 | 0.0011 | 0.0011 | 0.0011 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168303.145935565390 | 168303.15 | 3909027.42 | FENCEGRD | 0.0009 | 0.0010 | 0.0010 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168307.244555429390 | 168307.24 | 3909051.40 | FENCEGRD | 0.0008 | 0.0009 | 0.0009 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168311.343175292390 | 168311.34 | 3909075.37 | FENCEGRD | 0.0007 | 0.0008 | 0.0008 | 0.0008 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168315.441795156390 | 168315.44 | 3909099.35 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167470.142625886390 | 167470.14 | 3908335.42 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167449.244625886390 | 167449.24 | 3908348.50 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167428.346625886390 | 167428.35 | 3908361.59 | FENCEGRD | 0.0003 | 0.0003 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167407.448625886390 | 167407.45 | 3908374.67 | FENCEGRD | 0.0003 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167386.550625886390 | 167386.55 | 3908387.76 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167365.652625886390 | 167365.65 | 3908400.84 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167441.291036642390 | 167441.29 | 3908252.95 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167465.505676416390 | 167465.51 | 3908255.24 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167489.720316193908 | 167489.72 | 3908257.53 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167513.934955965390 | 167513.93 | 3908259.82 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167538.149595739390 | 167538.15 | 3908262.11 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167562.364235513390 | 167562.36 | 3908264.39 | FENCEGRD | 0.0004 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167586.578875288390 | 167586.58 | 3908266.68 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167610.793515062390 | 167610.79 | 3908268.97 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167635.008154836390 | 167635.01 | 3908271.26 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167659.222794611390 | 167659.22 | 3908273.55 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167683.437434385390 | 167683.44 | 3908275.84 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167707.652074159390 | 167707.65 | 3908278.13 | FENCEGRD | 0.0006 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167731.866713934390 | 167731.87 | 3908280.41 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167756.081353708390 | 167756.08 | 3908282.70 | FENCEGRD | 0.0007 | 0.0007 | 0.0006 | 0.0006 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167780.295993482390 | 167780.30 | 3908284.99 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167804.510633257390 | 167804.51 | 3908287.28 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0007 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167828.725273031390 | 167828.73 | 3908289.57 | FENCEGRD | 0.0009 | 0.0008 | 0.0008 | 0.0008 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167852.939912805390 | 167852.94 | 3908291.86 | FENCEGRD | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167877.154552583908 | 167877.15 | 3908294.15 | FENCEGRD | 0.0010 | 0.0010 | 0.0010 | 0.0009 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167901.369192354390 | 167901.37 | 3908296.44 | FENCEGRD | 0.0011 | 0.0010 | 0.0010 | 0.0010 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167925.583832128390 | 167925.58 | 3908298.72 | FENCEGRD | 0.0011 | 0.0011 | 0.0011 | 0.0011 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167949.798471903390 | 167949.80 | 3908301.01 | FENCEGRD | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0001 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167974.013111677390 | 167974.01 | 3908303.30 | FENCEGRD | 0.0013 | 0.0012 | 0.0012 | 0.0012 | 0.0001 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167998.227751451390 | 167998.23 | 3908305.59 | FENCEGRD | 0.0013 | 0.0013 | 0.0012 | 0.0012 | 0.0001 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168022.442391225390 | 168022.44 | 3908307.88 | FENCEGRD | 0.0013 | 0.0013 | 0.0013 | 0.0012 | | | | | | |

3rd Trimester Cancer Risk

| | | | | 3rd Trimester Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168289.180508149390 | 168289.18 | 3908474.62 | FENCEGRD | 0.0022 | 0.0022 | 0.0022 | 0.0022 | 0.0001 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168293.279128013390 | 168293.28 | 3908498.59 | FENCEGRD | 0.0023 | 0.0023 | 0.0023 | 0.0023 | 0.0002 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168297.377747876390 | 168297.38 | 3908522.56 | FENCEGRD | 0.0024 | 0.0024 | 0.0024 | 0.0024 | 0.0002 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168301.476367743908 | 168301.48 | 3908546.54 | FENCEGRD | 0.0024 | 0.0025 | 0.0025 | 0.0025 | 0.0002 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168305.574987603390 | 168305.57 | 3908570.51 | FENCEGRD | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0002 | 0.0011 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168309.673607466390 | 168309.67 | 3908594.49 | FENCEGRD | 0.0025 | 0.0026 | 0.0026 | 0.0026 | 0.0002 | 0.0011 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168313.772227333908 | 168313.77 | 3908618.46 | FENCEGRD | 0.0025 | 0.0026 | 0.0026 | 0.0026 | 0.0002 | 0.0011 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168317.870847193390 | 168317.87 | 3908642.44 | FENCEGRD | 0.0025 | 0.0026 | 0.0026 | 0.0026 | 0.0002 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168321.969467057390 | 168321.97 | 3908666.41 | FENCEGRD | 0.0025 | 0.0025 | 0.0026 | 0.0026 | 0.0002 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168326.068086923908 | 168326.07 | 3908690.39 | FENCEGRD | 0.0024 | 0.0024 | 0.0025 | 0.0025 | 0.0002 | 0.0009 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168330.166706784390 | 168330.17 | 3908714.36 | FENCEGRD | 0.0023 | 0.0024 | 0.0024 | 0.0025 | 0.0002 | 0.0008 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168334.265326647390 | 168334.27 | 3908738.34 | FENCEGRD | 0.0022 | 0.0022 | 0.0023 | 0.0024 | 0.0002 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168338.363946511390 | 168338.36 | 3908762.31 | FENCEGRD | 0.0020 | 0.0020 | 0.0021 | 0.0022 | 0.0002 | 0.0007 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 168342.462566374390 | 168342.46 | 3908786.29 | FENCEGRD | 0.0018 | 0.0019 | 0.0019 | 0.0020 | 0.0002 | 0.0006 | 0.0000 | 0.0000 | 0.0001 | 0.0001 |
| 168346.561186237390 | 168346.56 | 3908810.26 | FENCEGRD | 0.0017 | 0.0017 | 0.0018 | 0.0019 | 0.0002 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168350.659806101390 | 168350.66 | 3908834.24 | FENCEGRD | 0.0015 | 0.0016 | 0.0017 | 0.0017 | 0.0002 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168354.758425964390 | 168354.76 | 3908858.21 | FENCEGRD | 0.0014 | 0.0015 | 0.0015 | 0.0016 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168358.857045828390 | 168358.86 | 3908882.19 | FENCEGRD | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168362.955665691390 | 168362.96 | 3908906.16 | FENCEGRD | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168367.054285555390 | 168367.05 | 3908930.14 | FENCEGRD | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168371.152905418390 | 168371.15 | 3908954.11 | FENCEGRD | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168375.251525281390 | 168375.25 | 3908978.08 | FENCEGRD | 0.0009 | 0.0009 | 0.0010 | 0.0010 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168379.350145145390 | 168379.35 | 3909002.06 | FENCEGRD | 0.0008 | 0.0008 | 0.0009 | 0.0009 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168383.448765008390 | 168383.45 | 3909026.03 | FENCEGRD | 0.0007 | 0.0007 | 0.0008 | 0.0008 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168387.547384872390 | 168387.55 | 3909050.01 | FENCEGRD | 0.0006 | 0.0006 | 0.0007 | 0.0007 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168391.646004735390 | 168391.65 | 3909073.98 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168395.744624599390 | 168395.74 | 3909097.96 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0006 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168399.843244462390 | 168399.84 | 3909121.93 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 168403.941864325390 | 168403.94 | 3909145.91 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0005 | 0.0001 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167417.076396867390 | 167417.08 | 3908250.66 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167396.178396867390 | 167396.18 | 3908263.75 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167375.280396867390 | 167375.28 | 3908276.83 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167354.382396867390 | 167354.38 | 3908289.91 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167333.484396867390 | 167333.48 | 3908303.00 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167312.586396867390 | 167312.59 | 3908316.08 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167640.127983382390 | 167640.13 | 3908885.50 | FENCEGRD | 0.0023 | 0.0021 | 0.0019 | 0.0017 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167628.894347019390 | 167628.89 | 3908906.15 | FENCEGRD | 0.0021 | 0.0019 | 0.0017 | 0.0016 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167617.660710655390 | 167617.66 | 3908926.80 | FENCEGRD | 0.0019 | 0.0017 | 0.0015 | 0.0014 | 0.0001 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167618.166975073390 | 167618.17 | 3908873.55 | FENCEGRD | 0.0017 | 0.0015 | 0.0014 | 0.0013 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167606.933338713908 | 167606.93 | 3908894.20 | FENCEGRD | 0.0016 | 0.0014 | 0.0013 | 0.0012 | 0.0001 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167595.699702346390 | 167595.70 | 3908914.85 | FENCEGRD | 0.0014 | 0.0013 | 0.0011 | 0.0010 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167584.466065983390 | 167584.47 | 3908935.50 | FENCEGRD | 0.0011 | 0.0010 | 0.0009 | 0.0009 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167573.232429619390 | 167573.23 | 3908956.15 | FENCEGRD | 0.0009 | 0.0008 | 0.0008 | 0.0007 | 0.0001 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167607.798568173908 | 167607.80 | 3908849.28 | FENCEGRD | 0.0014 | 0.0013 | 0.0012 | 0.0011 | 0.0001 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167584.972330401390 | 167584.97 | 3908882.26 | FENCEGRD | 0.0012 | 0.0011 | 0.0010 | 0.0009 | 0.0001 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167573.738694037390 | 167573.74 | 3908902.91 | FENCEGRD | 0.0010 | 0.0010 | 0.0009 | 0.0008 | 0.0001 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167562.505057674390 | 167562.51 | 3908923.56 | FENCEGRD | 0.0009 | 0.0008 | 0.0008 | 0.0007 | 0.0001 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167551.271421313908 | 167551.27 | 3908944.21 | FENCEGRD | 0.0007 | 0.0007 | 0.0006 | 0.0006 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167540.037784946390 | 167540.04 | 3908964.86 | FENCEGRD | 0.0006 | 0.0006 | 0.0005 | 0.0005 | 0.0000 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167528.804148583390 | 167528.80 | 3908985.51 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167517.570512219390 | 167517.57 | 3909006.16 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167506.336875855390 | 167506.34 | 3909026.81 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0011 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167495.103239492390 | 167495.10 | 3909047.46 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0011 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167565.325626728390 | 167565.33 | 3908823.85 | FENCEGRD | 0.0009 | 0.0009 | 0.0008 | 0.0008 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167541.050313783390 | 167541.05 | 3908858.36 | FENCEGRD | 0.0008 | 0.0007 | 0.0007 | 0.0006 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167529.816677423908 | 167529.82 | 3908879.01 | FENCEGRD | 0.0007 | 0.0007 | 0.0006 | 0.0006 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167518.583041056390 | 167518.58 | 3908899.66 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0005 | 0.0000 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167507.349404692390 | 167507.35 | 3908920.32 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167496.115768329390 | 167496.12 | 3908940.97 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167484.882131965390 | 167484.88 | 3908961.62 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167473.648495601390 | 167473.65 | 3908982.27 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167462.414859238390 | 167462.41 | 3909002.92 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167451.181222874390 | 167451.18 | 3909023.57 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167439.947586511390 | 167439.95 | 3909044.22 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0000 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167522.273055216390 | 167522.27 | 3908799.03 | FENCEGRD | 0.0007 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167550.095298589390 | 167550.10 | 3908769.45 | FENCEGRD | 0.0008 | 0.0007 | 0.0007 | 0.0007 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167497.128297166390 | 167497.13 | 3908834.47 | FENCEGRD | 0.0006 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167485.894660802390 | 167485.89 | 3908855.12 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167474.661024438390 | 167474.66 | 3908875.77 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0 | | | | | | |

3rd Trimester Cancer Risk

| 3rd Trimester Cancer Risk (per million) | | | | | | | | | | | | | |
|---|-----------|------------|----------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167408.271735093390 | 167408.27 | 3908893.18 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167397.038098733908 | 167397.04 | 3908913.83 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0004 | 0.0000 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167385.804462366390 | 167385.80 | 3908934.48 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167374.570826002390 | 167374.57 | 3908955.13 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167363.337189639390 | 167363.34 | 3908975.79 | FENCEGRD | 0.0006 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167352.103553275390 | 167352.10 | 3908996.44 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167340.869916911390 | 167340.87 | 3909017.09 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0000 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167435.422673529390 | 167435.42 | 3908750.19 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167465.232220001390 | 167465.23 | 3908718.50 | FENCEGRD | 0.0005 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167495.041766472390 | 167495.04 | 3908686.81 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167409.284263933908 | 167409.28 | 3908786.69 | FENCEGRD | 0.0004 | 0.0004 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167398.050627566390 | 167398.05 | 3908807.34 | FENCEGRD | 0.0004 | 0.0004 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167386.816991203390 | 167386.82 | 3908827.99 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167375.583354839390 | 167375.58 | 3908848.64 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167364.349718476390 | 167364.35 | 3908869.29 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167353.116082112390 | 167353.12 | 3908889.94 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167341.882445748390 | 167341.88 | 3908910.59 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167330.648809385390 | 167330.65 | 3908931.24 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0004 | 0.0000 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167319.415173021390 | 167319.42 | 3908951.89 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167308.181536657390 | 167308.18 | 3908972.54 | FENCEGRD | 0.0006 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167296.947900294390 | 167296.95 | 3908993.19 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167348.130668932390 | 167348.13 | 3908701.82 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167379.044272683908 | 167379.04 | 3908668.95 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167394.501074554390 | 167394.50 | 3908652.52 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167409.957876428390 | 167409.96 | 3908636.09 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167440.871480176390 | 167440.87 | 3908603.22 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167456.328282053908 | 167456.33 | 3908586.79 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167332.673867058390 | 167332.67 | 3908718.25 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167321.440230695390 | 167321.44 | 3908738.90 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167310.206594331390 | 167310.21 | 3908759.55 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167298.972957967390 | 167298.97 | 3908780.20 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167287.739321604390 | 167287.74 | 3908800.85 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167276.505685243908 | 167276.51 | 3908821.50 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167265.272048877390 | 167265.27 | 3908842.15 | FENCEGRD | 0.0004 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167254.038412513390 | 167254.04 | 3908862.81 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167242.804776149390 | 167242.80 | 3908883.46 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167231.571139786390 | 167231.57 | 3908904.11 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167220.337503422390 | 167220.34 | 3908924.76 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167209.103867058390 | 167209.10 | 3908945.41 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0004 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167260.637926649390 | 167260.64 | 3908653.66 | FENCEGRD | 0.0003 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167276.446019474390 | 167276.45 | 3908636.85 | FENCEGRD | 0.0003 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167292.254112339086 | 167292.25 | 3908620.05 | FENCEGRD | 0.0003 | 0.0003 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167308.062205126390 | 167308.06 | 3908603.24 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167323.870297951390 | 167323.87 | 3908586.43 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167339.678390777390 | 167339.68 | 3908569.63 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167355.486483603390 | 167355.49 | 3908552.82 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167371.294576428390 | 167371.29 | 3908536.02 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167387.102669254390 | 167387.10 | 3908519.21 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167402.910762083908 | 167402.91 | 3908502.40 | FENCEGRD | 0.0004 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167244.829833823390 | 167244.83 | 3908670.46 | FENCEGRD | 0.0003 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167233.596197459390 | 167233.60 | 3908691.11 | FENCEGRD | 0.0003 | 0.0003 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167222.362561096390 | 167222.36 | 3908711.77 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167211.128924732390 | 167211.13 | 3908732.42 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167199.895288368390 | 167199.90 | 3908753.07 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167188.661652005390 | 167188.66 | 3908773.72 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167177.428015641390 | 167177.43 | 3908794.37 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167166.194379277390 | 167166.19 | 3908815.02 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167154.960742914390 | 167154.96 | 3908835.67 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167143.727106553908 | 167143.73 | 3908856.32 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167132.493470187390 | 167132.49 | 3908876.97 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167121.259833823390 | 167121.26 | 3908897.62 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167173.037094841390 | 167173.04 | 3908605.61 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167189.088389095390 | 167189.09 | 3908588.55 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167205.139683349390 | 167205.14 | 3908571.49 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167221.190977602390 | 167221.19 | 3908554.42 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167237.242271856390 | 167237.24 | 3908537.36 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167253.293566113908 | 167253.29 | 3908520.29 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167269.344860364390 | 167269.34 | 3908503.23 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167285.396154618390 | 167285.40 | 3908486.16 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | | | | | | |

3rd Trimester Cancer Risk

| | | | | 3rd Trimester Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167044.649436951390 | 167044.65 | 3908829.19 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167033.415800587390 | 167033.42 | 3908849.84 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167084.357056697390 | 167084.36 | 3908558.72 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167114.787635386390 | 167114.79 | 3908526.37 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167145.218214076390 | 167145.22 | 3908494.01 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167175.648792765390 | 167175.65 | 3908461.66 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167206.079371454390 | 167206.08 | 3908429.31 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167236.509950144390 | 167236.51 | 3908396.96 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167266.940528833390 | 167266.94 | 3908364.61 | FENCEGRD | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167057.908130988390 | 167057.91 | 3908595.54 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167046.674494625390 | 167046.67 | 3908616.20 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167035.440858261390 | 167035.44 | 3908636.85 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167024.207221897390 | 167024.21 | 3908657.50 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167012.973585534390 | 167012.97 | 3908678.15 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167001.739949173908 | 167001.74 | 3908698.80 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166990.506312807390 | 166990.51 | 3908719.45 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166979.272676443390 | 166979.27 | 3908740.10 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166968.039040079390 | 166968.04 | 3908760.75 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166956.805403716390 | 166956.81 | 3908781.40 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166945.571767352390 | 166945.57 | 3908802.05 | FENCEGRD | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167371.888474415390 | 167371.89 | 3909070.62 | FENCEGRD | 0.0011 | 0.0011 | 0.0010 | 0.0010 | 0.0000 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167324.488572333390 | 167324.49 | 3909054.72 | FENCEGRD | 0.0010 | 0.0009 | 0.0009 | 0.0009 | 0.0000 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167277.083364552390 | 167277.08 | 3909038.83 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0008 | 0.0000 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167287.015632423390 | 167287.02 | 3909016.01 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0000 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167182.264672139090 | 167182.26 | 3909007.07 | FENCEGRD | 0.0007 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167192.329370213908 | 167192.33 | 3908983.95 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0005 | 0.0000 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167087.440283725390 | 167087.44 | 3908975.32 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167096.458830418390 | 167096.46 | 3908954.60 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0004 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167106.604695447390 | 167106.60 | 3908931.29 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166992.612970415390 | 166992.61 | 3908943.58 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167001.680266009390 | 167001.68 | 3908922.75 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167010.747561603390 | 167010.75 | 3908901.92 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167019.814857197390 | 167019.81 | 3908881.09 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166897.783956562390 | 166897.78 | 3908911.84 | FENCEGRD | 0.0004 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166906.886396713390 | 166906.89 | 3908890.93 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166915.988836863390 | 166915.99 | 3908870.02 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166925.091277014390 | 166925.09 | 3908849.11 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166934.193717164390 | 166934.19 | 3908828.19 | FENCEGRD | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167363.014395385390 | 167363.01 | 3909118.12 | FENCEGRD | 0.0019 | 0.0019 | 0.0018 | 0.0017 | 0.0000 | 0.0011 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167359.573909162.59 | 167359.57 | 3909162.59 | FENCEGRD | 0.0031 | 0.0030 | 0.0028 | 0.0027 | 0.0000 | 0.0012 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167359.573909185.91 | 167359.57 | 3909185.91 | FENCEGRD | 0.0038 | 0.0036 | 0.0034 | 0.0033 | 0.0000 | 0.0013 | 0.0001 | 0.0000 | 0.0000 | 0.0000 |
| 167359.573909209.23 | 167359.57 | 3909209.24 | FENCEGRD | 0.0043 | 0.0042 | 0.0040 | 0.0038 | 0.0000 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167359.573909232.55 | 167359.57 | 3909232.56 | FENCEGRD | 0.0048 | 0.0047 | 0.0045 | 0.0043 | 0.0001 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167359.573909255.87 | 167359.57 | 3909255.88 | FENCEGRD | 0.0052 | 0.0050 | 0.0049 | 0.0047 | 0.0001 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167312.799120674390 | 167312.80 | 3909119.44 | FENCEGRD | 0.0019 | 0.0018 | 0.0017 | 0.0016 | 0.0000 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167319.257362021390 | 167319.26 | 3909079.78 | FENCEGRD | 0.0012 | 0.0012 | 0.0011 | 0.0011 | 0.0000 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167309.573909162.59 | 167309.57 | 3909162.59 | FENCEGRD | 0.0028 | 0.0027 | 0.0025 | 0.0024 | 0.0000 | 0.0011 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167309.573909185.91 | 167309.57 | 3909185.91 | FENCEGRD | 0.0033 | 0.0032 | 0.0030 | 0.0029 | 0.0000 | 0.0012 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167309.573909209.23 | 167309.57 | 3909209.24 | FENCEGRD | 0.0038 | 0.0036 | 0.0035 | 0.0033 | 0.0000 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167309.573909232.55 | 167309.57 | 3909232.56 | FENCEGRD | 0.0043 | 0.0041 | 0.0039 | 0.0038 | 0.0001 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167309.573909255.87 | 167309.57 | 3909255.88 | FENCEGRD | 0.0046 | 0.0044 | 0.0043 | 0.0041 | 0.0001 | 0.0014 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167309.573909279.2 | 167309.57 | 3909279.20 | FENCEGRD | 0.0048 | 0.0046 | 0.0045 | 0.0044 | 0.0001 | 0.0013 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167262.669955847390 | 167262.67 | 3909120.23 | FENCEGRD | 0.0018 | 0.0017 | 0.0016 | 0.0015 | 0.0000 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167268.869867543909 | 167268.87 | 3909082.16 | FENCEGRD | 0.0012 | 0.0012 | 0.0011 | 0.0011 | 0.0000 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167259.573909162.59 | 167259.57 | 3909162.59 | FENCEGRD | 0.0025 | 0.0024 | 0.0023 | 0.0022 | 0.0000 | 0.0011 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167259.573909185.91 | 167259.57 | 3909185.91 | FENCEGRD | 0.0029 | 0.0028 | 0.0027 | 0.0026 | 0.0000 | 0.0011 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167259.573909209.23 | 167259.57 | 3909209.24 | FENCEGRD | 0.0033 | 0.0032 | 0.0030 | 0.0029 | 0.0000 | 0.0012 | 0.0001 | 0.0000 | 0.0000 | 0.0000 |
| 167259.573909232.55 | 167259.57 | 3909232.56 | FENCEGRD | 0.0036 | 0.0035 | 0.0034 | 0.0032 | 0.0001 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167259.573909255.87 | 167259.57 | 3909255.88 | FENCEGRD | 0.0039 | 0.0038 | 0.0036 | 0.0035 | 0.0001 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167259.573909279.2 | 167259.57 | 3909279.20 | FENCEGRD | 0.0041 | 0.0040 | 0.0038 | 0.0037 | 0.0001 | 0.0012 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167163.014395385390 | 167163.01 | 3909118.12 | FENCEGRD | 0.0014 | 0.0014 | 0.0013 | 0.0013 | 0.0000 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167169.903186155390 | 167169.90 | 3909075.82 | FENCEGRD | 0.0010 | 0.0010 | 0.0010 | 0.0009 | 0.0000 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167176.791976925390 | 167176.79 | 3909033.51 | FENCEGRD | 0.0008 | 0.0008 | 0.0007 | 0.0007 | 0.0000 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167159.573909162.59 | 167159.57 | 3909162.59 | FENCEGRD | 0.0019 | 0.0019 | 0.0018 | 0.0017 | 0.0000 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167159.573909185.91 | 167159.57 | 3909185.91 | FENCEGRD | 0.0022 | 0.0021 | 0.0020 | 0.0019 | 0.0000 | 0.0009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167159.573909209.23 | 167159.57 | 3909209.24 | FENCEGRD | 0.0024 | 0.0023 | 0.0023 | 0.0022 | 0.0000 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167159.573909232.55 | 167159.57 | 3909232.56 | FENCEGRD | 0.0026 | 0.0026 | 0.0025 | 0.0024 | 0.0001 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167159.573909255.87 | 167159.57 | 3909255.88 | FENCEGRD | 0.0028 | 0.0028 | 0.0027 | 0.0026 | 0.0001 | 0.0010 | 0.0001 | 0.0001 | 0.0001 | 0.0000 |
| 167159.573909279.2 | 167159.57 | 3909279.20 | FENCEGRD | 0.0030 | 0.0029 | 0.0028 | 0.0028 | | | | | | |

3rd Trimester Cancer Risk

| | | | | 3rd Trimester Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 166969.903186155390 | 166969.90 | 3909075.82 | FENCEGRD | 0.0008 | 0.0008 | 0.0007 | 0.0007 | 0.0000 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166976.791976925390 | 166976.79 | 3909033.51 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166983.680767696390 | 166983.68 | 3908991.21 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166959.573909162.59 | 166959.57 | 3909162.59 | FENCEGRD | 0.0012 | 0.0012 | 0.0011 | 0.0011 | 0.0000 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166959.573909185.91 | 166959.57 | 3909185.91 | FENCEGRD | 0.0013 | 0.0013 | 0.0013 | 0.0012 | 0.0000 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166959.573909209.23 | 166959.57 | 3909209.24 | FENCEGRD | 0.0015 | 0.0014 | 0.0014 | 0.0013 | 0.0000 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166959.573909232.55 | 166959.57 | 3909232.56 | FENCEGRD | 0.0016 | 0.0015 | 0.0015 | 0.0015 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166959.573909255.87 | 166959.57 | 3909255.88 | FENCEGRD | 0.0017 | 0.0016 | 0.0016 | 0.0016 | 0.0001 | 0.0007 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166959.573909279.2 | 166959.57 | 3909279.20 | FENCEGRD | 0.0018 | 0.0017 | 0.0017 | 0.0016 | 0.0001 | 0.0008 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166863.186615154390 | 166863.19 | 3909117.06 | FENCEGRD | 0.0008 | 0.0008 | 0.0008 | 0.0007 | 0.0000 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166866.803230309390 | 166866.80 | 3909094.85 | FENCEGRD | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0000 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166874.036460617390 | 166874.04 | 3909050.43 | FENCEGRD | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166877.653075772390 | 166877.65 | 3909028.22 | FENCEGRD | 0.0006 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166881.269690926390 | 166881.27 | 3909006.02 | FENCEGRD | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166884.886306083908 | 166884.89 | 3908983.81 | FENCEGRD | 0.0005 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166888.502921235390 | 166888.50 | 3908961.60 | FENCEGRD | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0000 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166859.573909139.27 | 166859.57 | 3909139.27 | FENCEGRD | 0.0009 | 0.0009 | 0.0008 | 0.0008 | 0.0000 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166859.573909162.59 | 166859.57 | 3909162.59 | FENCEGRD | 0.0010 | 0.0010 | 0.0009 | 0.0009 | 0.0000 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166859.573909185.91 | 166859.57 | 3909185.91 | FENCEGRD | 0.0011 | 0.0011 | 0.0010 | 0.0010 | 0.0000 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166859.573909209.23 | 166859.57 | 3909209.24 | FENCEGRD | 0.0012 | 0.0012 | 0.0011 | 0.0011 | 0.0000 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166859.573909232.55 | 166859.57 | 3909232.56 | FENCEGRD | 0.0013 | 0.0012 | 0.0012 | 0.0012 | 0.0000 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166859.573909255.87 | 166859.57 | 3909255.88 | FENCEGRD | 0.0014 | 0.0013 | 0.0013 | 0.0013 | 0.0001 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 166859.573909279.2 | 166859.57 | 3909279.20 | FENCEGRD | 0.0014 | 0.0014 | 0.0014 | 0.0013 | 0.0001 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167540.497012865390 | 167540.50 | 3909215.75 | | 0.0026 | 0.0026 | 0.0027 | 0.0028 | 0.0001 | 0.0016 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| 167541.642759649390 | 167541.64 | 3909179.96 | | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0001 | 0.0016 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| 167537.739545029390 | 167537.74 | 3909149.96 | | 0.0013 | 0.0012 | 0.0012 | 0.0012 | 0.0001 | 0.0015 | 0.0001 | 0.0001 | 0.0000 | 0.0000 |
| 167536.333909120.68 | 167536.33 | 3909120.68 | | 0.0007 | 0.0006 | 0.0006 | 0.0006 | 0.0001 | 0.0015 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167536.333909106.64 | 167536.33 | 3909106.64 | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0001 | 0.0014 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167534.583909076.82 | 167534.58 | 3909076.82 | | 0.0004 | 0.0004 | 0.0005 | 0.0005 | 0.0001 | 0.0013 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167559.143909104.89 | 167559.14 | 3909104.89 | | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0001 | 0.0016 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167557.393909075.06 | 167557.39 | 3909075.06 | | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0001 | 0.0014 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167589.843909052.25 | 167589.84 | 3909052.25 | | 0.0007 | 0.0006 | 0.0005 | 0.0005 | 0.0001 | 0.0016 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167615.283909003.13 | 167615.28 | 3909003.13 | | 0.0022 | 0.0017 | 0.0014 | 0.0012 | 0.0001 | 0.0016 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167542.473909053.13 | 167542.47 | 3909053.13 | | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0001 | 0.0013 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167566.163909006.64 | 167566.16 | 3909006.64 | | 0.0006 | 0.0005 | 0.0005 | 0.0005 | 0.0001 | 0.0012 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167539.753909198.46 | 167539.75 | 3909198.46 | | 0.0024 | 0.0024 | 0.0024 | 0.0025 | 0.0001 | 0.0016 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| 167537.083909134.72 | 167537.08 | 3909134.72 | | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0001 | 0.0015 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167535.553909092.74 | 167535.55 | 3909092.74 | | 0.0004 | 0.0005 | 0.0005 | 0.0005 | 0.0001 | 0.0014 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167558.453909089.69 | 167558.45 | 3909089.69 | | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0001 | 0.0015 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167553.493909032.06 | 167553.49 | 3909032.06 | | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0001 | 0.0012 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 167601.963909028.24 | 167601.96 | 3909028.24 | | 0.0014 | 0.0011 | 0.0008 | 0.0007 | 0.0001 | 0.0016 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

0<2 Cancer Risk

| | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167603.820034585390 | 167603.82 | 3909302.48 | FENCEGRD | 0.052 | 0.054 | 0.056 | 0.059 | 0.013 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167615.268534585390 | 167615.27 | 3909280.72 | FENCEGRD | 0.050 | 0.051 | 0.053 | 0.054 | 0.015 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167626.717034585390 | 167626.72 | 3909258.96 | FENCEGRD | 0.046 | 0.047 | 0.048 | 0.048 | 0.017 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167638.165534585390 | 167638.17 | 3909237.19 | FENCEGRD | 0.039 | 0.040 | 0.041 | 0.041 | 0.018 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167649.614034585390 | 167649.61 | 3909215.43 | FENCEGRD | 0.031 | 0.031 | 0.032 | 0.032 | 0.019 | 0.019 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167661.062534585390 | 167661.06 | 3909193.67 | FENCEGRD | 0.030 | 0.028 | 0.027 | 0.027 | 0.018 | 0.021 | 0.002 | 0.002 | 0.003 | 0.003 |
| 167672.511034585390 | 167672.51 | 3909171.91 | FENCEGRD | 0.030 | 0.028 | 0.025 | 0.023 | 0.017 | 0.025 | 0.003 | 0.003 | 0.004 | 0.004 |
| 167683.959534585390 | 167683.96 | 3909150.15 | FENCEGRD | 0.034 | 0.031 | 0.028 | 0.025 | 0.016 | 0.029 | 0.004 | 0.004 | 0.005 | 0.005 |
| 167695.408034585390 | 167695.41 | 3909128.39 | FENCEGRD | 0.048 | 0.048 | 0.051 | 0.057 | 0.015 | 0.032 | 0.005 | 0.005 | 0.006 | 0.006 |
| 167706.856534585390 | 167706.86 | 3909106.63 | FENCEGRD | 0.109 | 0.128 | 0.157 | 0.196 | 0.013 | 0.035 | 0.006 | 0.006 | 0.006 | 0.007 |
| 167718.305034585390 | 167718.31 | 3909084.86 | FENCEGRD | 0.204 | 0.240 | 0.285 | 0.328 | 0.013 | 0.038 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167729.753534585390 | 167729.75 | 3909063.10 | FENCEGRD | 0.295 | 0.330 | 0.365 | 0.392 | 0.012 | 0.041 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167741.202034585390 | 167741.20 | 3909041.34 | FENCEGRD | 0.348 | 0.370 | 0.391 | 0.404 | 0.011 | 0.043 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167752.650534585390 | 167752.65 | 3909019.58 | FENCEGRD | 0.364 | 0.376 | 0.385 | 0.388 | 0.011 | 0.046 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167764.099034585390 | 167764.10 | 3908997.82 | FENCEGRD | 0.355 | 0.361 | 0.363 | 0.361 | 0.010 | 0.049 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167775.547534585390 | 167775.55 | 3908976.06 | FENCEGRD | 0.331 | 0.333 | 0.332 | 0.328 | 0.009 | 0.051 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167786.996034585390 | 167787.00 | 3908954.30 | FENCEGRD | 0.304 | 0.302 | 0.299 | 0.294 | 0.009 | 0.053 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167798.444534585390 | 167798.44 | 3908932.53 | FENCEGRD | 0.274 | 0.270 | 0.265 | 0.260 | 0.008 | 0.055 | 0.004 | 0.004 | 0.004 | 0.003 |
| 167809.893034585390 | 167809.89 | 3908910.77 | FENCEGRD | 0.247 | 0.243 | 0.237 | 0.232 | 0.008 | 0.057 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167821.341534585390 | 167821.34 | 3908889.01 | FENCEGRD | 0.221 | 0.216 | 0.211 | 0.206 | 0.007 | 0.061 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167832.790034585390 | 167832.79 | 3908867.25 | FENCEGRD | 0.199 | 0.195 | 0.190 | 0.185 | 0.007 | 0.065 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167583.765368876390 | 167583.77 | 3909333.07 | FENCEGRD | 0.055 | 0.057 | 0.061 | 0.065 | 0.009 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167625.945051877390 | 167625.95 | 3909314.12 | FENCEGRD | 0.054 | 0.056 | 0.057 | 0.058 | 0.009 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167637.393551877390 | 167637.39 | 3909292.36 | FENCEGRD | 0.051 | 0.054 | 0.056 | 0.057 | 0.011 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167648.842051877390 | 167648.84 | 3909270.60 | FENCEGRD | 0.046 | 0.049 | 0.052 | 0.054 | 0.013 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167660.290551877390 | 167660.29 | 3909248.83 | FENCEGRD | 0.040 | 0.041 | 0.043 | 0.045 | 0.014 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167671.739051877390 | 167671.74 | 3909227.07 | FENCEGRD | 0.042 | 0.041 | 0.040 | 0.040 | 0.015 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167683.187551877390 | 167683.19 | 3909205.31 | FENCEGRD | 0.051 | 0.049 | 0.046 | 0.043 | 0.016 | 0.017 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167694.636051877390 | 167694.64 | 3909183.55 | FENCEGRD | 0.055 | 0.054 | 0.052 | 0.050 | 0.016 | 0.020 | 0.002 | 0.002 | 0.002 | 0.003 |
| 167706.084551877390 | 167706.08 | 3909161.79 | FENCEGRD | 0.057 | 0.056 | 0.054 | 0.051 | 0.016 | 0.022 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167717.533051877390 | 167717.53 | 3909140.03 | FENCEGRD | 0.065 | 0.066 | 0.066 | 0.066 | 0.015 | 0.025 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167728.981551877390 | 167728.98 | 3909118.27 | FENCEGRD | 0.086 | 0.094 | 0.103 | 0.116 | 0.014 | 0.028 | 0.004 | 0.004 | 0.005 | 0.005 |
| 167740.430051877390 | 167740.43 | 3909096.50 | FENCEGRD | 0.134 | 0.152 | 0.175 | 0.201 | 0.013 | 0.031 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167751.878551877390 | 167751.88 | 3909074.74 | FENCEGRD | 0.201 | 0.228 | 0.259 | 0.290 | 0.013 | 0.033 | 0.005 | 0.005 | 0.005 | 0.006 |
| 167763.327051877390 | 167763.33 | 3909052.98 | FENCEGRD | 0.264 | 0.291 | 0.320 | 0.344 | 0.012 | 0.036 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167774.775551877390 | 167774.78 | 3909031.22 | FENCEGRD | 0.302 | 0.325 | 0.347 | 0.363 | 0.012 | 0.039 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167786.224051877390 | 167786.22 | 3909009.46 | FENCEGRD | 0.314 | 0.329 | 0.344 | 0.354 | 0.011 | 0.041 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167797.672551877390 | 167797.67 | 3908987.70 | FENCEGRD | 0.308 | 0.317 | 0.324 | 0.328 | 0.010 | 0.044 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167809.121051877390 | 167809.12 | 3908965.94 | FENCEGRD | 0.293 | 0.297 | 0.300 | 0.299 | 0.009 | 0.046 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167820.569551877390 | 167820.57 | 3908944.17 | FENCEGRD | 0.273 | 0.274 | 0.273 | 0.270 | 0.008 | 0.050 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167832.018051877390 | 167832.02 | 3908922.41 | FENCEGRD | 0.250 | 0.249 | 0.246 | 0.242 | 0.008 | 0.054 | 0.004 | 0.004 | 0.004 | 0.003 |
| 167843.466551877390 | 167843.47 | 3908900.65 | FENCEGRD | 0.221 | 0.219 | 0.216 | 0.212 | 0.007 | 0.060 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167854.915051877390 | 167854.92 | 3908878.89 | FENCEGRD | 0.194 | 0.191 | 0.188 | 0.185 | 0.007 | 0.065 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167610.577017612390 | 167610.58 | 3909342.60 | FENCEGRD | 0.052 | 0.053 | 0.055 | 0.056 | 0.006 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167554.337440276390 | 167554.34 | 3909367.86 | FENCEGRD | 0.061 | 0.065 | 0.070 | 0.076 | 0.006 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167648.070069173909 | 167648.07 | 3909325.76 | FENCEGRD | 0.047 | 0.051 | 0.054 | 0.057 | 0.007 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167659.518569173909 | 167659.52 | 3909304.00 | FENCEGRD | 0.044 | 0.048 | 0.052 | 0.055 | 0.008 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167670.967069173909 | 167670.97 | 3909282.24 | FENCEGRD | 0.041 | 0.044 | 0.047 | 0.050 | 0.010 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167682.415569173909 | 167682.42 | 3909260.47 | FENCEGRD | 0.041 | 0.042 | 0.043 | 0.043 | 0.011 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167693.864069173909 | 167693.86 | 3909238.71 | FENCEGRD | 0.048 | 0.048 | 0.046 | 0.045 | 0.012 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167705.312569173909 | 167705.31 | 3909216.95 | FENCEGRD | 0.059 | 0.060 | 0.060 | 0.060 | 0.014 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167716.761069173909 | 167716.76 | 3909195.19 | FENCEGRD | 0.062 | 0.063 | 0.064 | 0.064 | 0.015 | 0.017 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167728.209569173909 | 167728.21 | 3909173.43 | FENCEGRD | 0.062 | 0.063 | 0.063 | 0.063 | 0.015 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167739.658069173909 | 167739.66 | 3909151.67 | FENCEGRD | 0.062 | 0.063 | 0.063 | 0.063 | 0.014 | 0.020 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167751.106569173909 | 167751.11 | 3909129.91 | FENCEGRD | 0.071 | 0.075 | 0.080 | 0.085 | 0.014 | 0.023 | 0.003 | 0.003 | 0.003 | 0.004 |
| 167762.555069173909 | 167762.56 | 3909108.14 | FENCEGRD | 0.099 | 0.108 | 0.120 | 0.134 | 0.014 | 0.025 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167774.003569173909 | 167774.00 | 3909086.38 | FENCEGRD | 0.141 | 0.157 | 0.178 | 0.199 | 0.013 | 0.028 | 0.004 | 0.004 | 0.004 | 0.005 |
| 167785.452069173909 | 167785.45 | 3909064.62 | FENCEGRD | 0.189 | 0.210 | 0.236 | 0.261 | 0.013 | 0.030 | 0.004 | 0.004 | 0.005 | 0.005 |
| 167796.900569173909 | 167796.90 | 3909042.86 | FENCEGRD | 0.231 | 0.253 | 0.277 | 0.298 | 0.012 | 0.033 | 0.004 | 0.005 | 0.005 | 0.005 |
| 167808.349069173909 | 167808.35 | 3909021.10 | FENCEGRD | 0.258 | 0.276 | 0.295 | 0.311 | 0.011 | 0.035 | 0.004 | 0.005 | 0.005 | 0.005 |
| 167819.797569173908 | 167819.80 | 3908999.34 | FENCEGRD | 0.270 | 0.283 | 0.297 | 0.307 | 0.010 | 0.038 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167831.246069173908 | 167831.25 | 3908977.57 | FENCEGRD | 0.270 | 0.280 | 0.289 | 0.295 | 0.009 | 0.042 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167842.694569173908 | 167842.69 | 3908955.81 | FENCEGRD | 0.252 | 0.260 | 0.267 | 0.271 | 0.009 | 0.048 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167854.143069173908 | 167854.14 | 3908934.05 | FENCEGRD | 0.214 | 0.219 | 0.225 | 0.227 | 0.008 | 0.053 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167865.591569173908 | 167865.59 | 3908912.29 | FENCEGRD | 0.179 | 0.183 | 0.186 | 0.187 | 0.008 | 0.056 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167877.040069173908 | 167877.04 | 3908890.53 | FENCEGRD | 0.153 | 0.155 | 0.156 | 0.157 | 0.007 | 0.059 | 0.004 | 0.003 | 0.003 | 0.003 |
| 167671.230262254390 | 167671.23 | 3909358.51 | FENCEGRD | 0.029 | 0.032 | 0.036 | 0.039 | 0.005 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167650.140420753390 | 167650.14 | 3909367.98 | FENCEGRD | 0.038 | 0.041 | 0.045 | 0.047 | 0.004 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167629.050579252390 | 167629.05 | 3909377.46 | FENCEGRD | 0.045 | 0.047 | 0.049 | 0.050 | 0.004 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167607.960737751390 | 167607.96 | 3909386.93 | FENCEGRD | 0.046 | 0.047 | 0.048 | 0.050 | 0.004 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167586.870896253909 | 167586.87 | 3909396.40 | FENCEGRD | 0.046 | 0.047 | 0.049 | 0.051 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167565.781054749390 | 167565.78 | 3909405.88 | FENCEGRD | 0.048 | 0.050 | 0.053 | 0.056 | 0.004 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167544.691213248390 | 167544.69 | 3909415.35 | FENCEGRD | 0.054 | 0.057 | 0.061 | 0.065 | 0.004 | 0.015 | | | | |

0<2 Cancer Risk

| XY | X | Y | REC TYPE | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167806.805103755390 | 167806.81 | 3909131.42 | FENCEGRD | 0.070 | 0.074 | 0.079 | 0.084 | 0.012 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167818.253603755390 | 167818.25 | 3909109.66 | FENCEGRD | 0.086 | 0.093 | 0.101 | 0.109 | 0.012 | 0.020 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167829.702103755390 | 167829.70 | 3909087.90 | FENCEGRD | 0.107 | 0.116 | 0.127 | 0.138 | 0.012 | 0.021 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167841.150603755390 | 167841.15 | 3909066.14 | FENCEGRD | 0.131 | 0.143 | 0.157 | 0.171 | 0.011 | 0.024 | 0.003 | 0.003 | 0.003 | 0.004 |
| 167852.599103755390 | 167852.60 | 3909044.38 | FENCEGRD | 0.156 | 0.170 | 0.186 | 0.202 | 0.011 | 0.026 | 0.003 | 0.004 | 0.004 | 0.004 |
| 167864.047603755390 | 167864.05 | 3909022.62 | FENCEGRD | 0.174 | 0.189 | 0.207 | 0.222 | 0.011 | 0.030 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167875.496103755390 | 167875.50 | 3909000.85 | FENCEGRD | 0.165 | 0.179 | 0.195 | 0.209 | 0.010 | 0.034 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167886.944603755390 | 167886.94 | 3908979.09 | FENCEGRD | 0.127 | 0.137 | 0.149 | 0.159 | 0.010 | 0.037 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167898.393103755390 | 167898.39 | 3908957.33 | FENCEGRD | 0.119 | 0.127 | 0.136 | 0.144 | 0.009 | 0.039 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167909.841603755390 | 167909.84 | 3908935.57 | FENCEGRD | 0.119 | 0.126 | 0.134 | 0.140 | 0.009 | 0.041 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167921.290103755390 | 167921.29 | 3908913.81 | FENCEGRD | 0.133 | 0.139 | 0.146 | 0.152 | 0.008 | 0.043 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167716.119382945390 | 167716.12 | 3909381.50 | FENCEGRD | 0.009 | 0.009 | 0.010 | 0.011 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167675.217872155390 | 167675.22 | 3909399.88 | FENCEGRD | 0.020 | 0.022 | 0.024 | 0.026 | 0.004 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167634.316361365390 | 167634.32 | 3909418.25 | FENCEGRD | 0.038 | 0.040 | 0.041 | 0.043 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167593.414850576390 | 167593.41 | 3909436.62 | FENCEGRD | 0.040 | 0.041 | 0.043 | 0.044 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167552.513339786390 | 167552.51 | 3909454.99 | FENCEGRD | 0.044 | 0.046 | 0.048 | 0.051 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167387.213968908390 | 167387.21 | 3909314.50 | FENCEGRD | 0.147 | 0.148 | 0.149 | 0.150 | 0.007 | 0.038 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167373.391984454390 | 167373.39 | 3909296.85 | FENCEGRD | 0.157 | 0.157 | 0.156 | 0.154 | 0.005 | 0.041 | 0.004 | 0.003 | 0.003 | 0.003 |
| 167748.018638343909 | 167748.02 | 3909350.56 | FENCEGRD | 0.010 | 0.011 | 0.011 | 0.012 | 0.004 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167759.467138343909 | 167759.47 | 3909328.79 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.013 | 0.004 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167770.915638343909 | 167770.92 | 3909307.03 | FENCEGRD | 0.014 | 0.015 | 0.015 | 0.016 | 0.005 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167782.364138343909 | 167782.36 | 3909285.27 | FENCEGRD | 0.021 | 0.022 | 0.024 | 0.025 | 0.005 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167793.812638343909 | 167793.81 | 3909263.51 | FENCEGRD | 0.030 | 0.031 | 0.033 | 0.036 | 0.006 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167805.261138343909 | 167805.26 | 3909241.75 | FENCEGRD | 0.037 | 0.039 | 0.041 | 0.043 | 0.007 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167816.709638343909 | 167816.71 | 3909219.99 | FENCEGRD | 0.040 | 0.042 | 0.045 | 0.047 | 0.008 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167828.158138343909 | 167828.16 | 3909198.23 | FENCEGRD | 0.042 | 0.044 | 0.047 | 0.050 | 0.008 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167839.606638343909 | 167839.61 | 3909176.46 | FENCEGRD | 0.046 | 0.048 | 0.051 | 0.054 | 0.009 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167851.055138343909 | 167851.06 | 3909154.70 | FENCEGRD | 0.050 | 0.053 | 0.057 | 0.060 | 0.009 | 0.014 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167862.503638343909 | 167862.50 | 3909132.94 | FENCEGRD | 0.058 | 0.062 | 0.067 | 0.072 | 0.010 | 0.015 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167873.952138343909 | 167873.95 | 3909111.18 | FENCEGRD | 0.070 | 0.075 | 0.081 | 0.087 | 0.010 | 0.016 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167885.400638343909 | 167885.40 | 3909089.42 | FENCEGRD | 0.083 | 0.089 | 0.096 | 0.103 | 0.010 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167896.849138343909 | 167896.85 | 3909067.66 | FENCEGRD | 0.095 | 0.102 | 0.111 | 0.119 | 0.010 | 0.020 | 0.002 | 0.003 | 0.003 | 0.003 |
| 167908.297638343909 | 167908.30 | 3909045.90 | FENCEGRD | 0.104 | 0.112 | 0.123 | 0.133 | 0.010 | 0.022 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167919.746138343909 | 167919.75 | 3909024.13 | FENCEGRD | 0.111 | 0.120 | 0.132 | 0.143 | 0.010 | 0.025 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167931.194638343909 | 167931.19 | 3909002.37 | FENCEGRD | 0.117 | 0.127 | 0.138 | 0.149 | 0.009 | 0.027 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167942.643138343908 | 167942.64 | 3908980.61 | FENCEGRD | 0.124 | 0.133 | 0.144 | 0.154 | 0.009 | 0.029 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167954.091638343908 | 167954.09 | 3908958.85 | FENCEGRD | 0.133 | 0.141 | 0.150 | 0.158 | 0.009 | 0.030 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167965.540138343908 | 167965.54 | 3908937.09 | FENCEGRD | 0.140 | 0.147 | 0.155 | 0.162 | 0.009 | 0.032 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167759.189566257390 | 167759.19 | 3909405.31 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167737.558959589390 | 167737.56 | 3909415.03 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167715.928352922390 | 167715.93 | 3909424.75 | FENCEGRD | 0.007 | 0.007 | 0.008 | 0.008 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167694.297746254390 | 167694.30 | 3909434.46 | FENCEGRD | 0.014 | 0.015 | 0.017 | 0.018 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167672.667139586390 | 167672.67 | 3909444.18 | FENCEGRD | 0.024 | 0.026 | 0.028 | 0.030 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167651.036532919390 | 167651.04 | 3909453.89 | FENCEGRD | 0.031 | 0.033 | 0.035 | 0.036 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167629.405926251390 | 167629.41 | 3909463.61 | FENCEGRD | 0.035 | 0.036 | 0.037 | 0.038 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167607.775319583390 | 167607.78 | 3909473.33 | FENCEGRD | 0.036 | 0.036 | 0.037 | 0.038 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167586.144712916390 | 167586.14 | 3909483.04 | FENCEGRD | 0.036 | 0.037 | 0.038 | 0.039 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167564.514106248390 | 167564.51 | 3909492.76 | FENCEGRD | 0.037 | 0.039 | 0.040 | 0.042 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167542.883499583909 | 167542.88 | 3909502.47 | FENCEGRD | 0.040 | 0.042 | 0.044 | 0.046 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167521.252892913390 | 167521.25 | 3909512.19 | FENCEGRD | 0.044 | 0.046 | 0.049 | 0.051 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167411.905846443909 | 167411.91 | 3909409.89 | FENCEGRD | 0.098 | 0.100 | 0.101 | 0.103 | 0.012 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167397.286439805390 | 167397.29 | 3909391.22 | FENCEGRD | 0.106 | 0.108 | 0.110 | 0.112 | 0.012 | 0.029 | 0.002 | 0.002 | 0.003 | 0.003 |
| 167382.667033171390 | 167382.67 | 3909372.55 | FENCEGRD | 0.116 | 0.119 | 0.121 | 0.123 | 0.011 | 0.031 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167368.047626537390 | 167368.05 | 3909353.88 | FENCEGRD | 0.129 | 0.131 | 0.133 | 0.134 | 0.009 | 0.034 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167353.428219903390 | 167353.43 | 3909335.21 | FENCEGRD | 0.141 | 0.142 | 0.143 | 0.142 | 0.007 | 0.037 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167338.808813268390 | 167338.81 | 3909316.54 | FENCEGRD | 0.149 | 0.149 | 0.147 | 0.145 | 0.006 | 0.039 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167324.189406634390 | 167324.19 | 3909297.87 | FENCEGRD | 0.149 | 0.147 | 0.144 | 0.141 | 0.005 | 0.040 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167780.820172925390 | 167780.82 | 3909395.60 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167792.268672925390 | 167792.27 | 3909373.84 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167803.717172925390 | 167803.72 | 3909352.07 | FENCEGRD | 0.006 | 0.006 | 0.005 | 0.005 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167815.165672925390 | 167815.17 | 3909330.31 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167826.614172925390 | 167826.61 | 3909308.55 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.008 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167838.062672925390 | 167838.06 | 3909286.79 | FENCEGRD | 0.011 | 0.012 | 0.012 | 0.013 | 0.004 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167849.511172925390 | 167849.51 | 3909265.03 | FENCEGRD | 0.018 | 0.019 | 0.020 | 0.021 | 0.005 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167860.959672925390 | 167860.96 | 3909243.27 | FENCEGRD | 0.021 | 0.022 | 0.024 | 0.025 | 0.005 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167872.408172925390 | 167872.41 | 3909221.51 | FENCEGRD | 0.021 | 0.022 | 0.023 | 0.025 | 0.006 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167883.856672925390 | 167883.86 | 3909199.74 | FENCEGRD | 0.022 | 0.023 | 0.025 | 0.026 | 0.006 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167895.305172925390 | 167895.31 | 3909177.98 | FENCEGRD | 0.025 | 0.027 | 0.028 | 0.030 | 0.007 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167906.753672925390 | 167906.75 | 3909156.22 | FENCEGRD | 0.031 | 0.033 | 0.036 | 0.038 | 0.007 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167918.202172925390 | 167918.20 | 3909134.46 | FENCEGRD | 0.039 | 0.041 | 0.045 | 0.048 | 0.008 | 0.014 | 0.001 | 0.001 | 0.002 | 0.002 |
| 167929.650672925390 | 167929.65 | 3909112.70 | FENCEGRD | 0.047 | 0.050 | 0.055 | 0.059 | 0.008 | 0.015 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167941.099172925390 | 167941.10 | 3909090.94 | FENCEGRD | 0.057 | 0.061 | 0.066 | 0.071 | 0.008 | 0.016 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167952.547672925390 | 167952.55 | 3909069.17 | FENCEGRD | 0.066 | 0.071 | 0.076 | 0.081 | 0.008 | 0 | | | | |

0<2 Cancer Risk

| | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167698.531158504390 | 167698.53 | 3909475.72 | FENCEGRD | 0.016 | 0.017 | 0.018 | 0.019 | 0.002 | 0.008 | 0.000 | 0.000 | 0.000 | 0.001 |
| 167677.441317003390 | 167677.44 | 3909485.19 | FENCEGRD | 0.023 | 0.024 | 0.026 | 0.027 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167656.351475502390 | 167656.35 | 3909494.66 | FENCEGRD | 0.027 | 0.029 | 0.030 | 0.031 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167635.261634001390 | 167635.26 | 3909504.14 | FENCEGRD | 0.030 | 0.031 | 0.032 | 0.033 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167614.171792539095 | 167614.17 | 3909513.61 | FENCEGRD | 0.031 | 0.032 | 0.033 | 0.033 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167593.081950999390 | 167593.08 | 3909523.08 | FENCEGRD | 0.032 | 0.032 | 0.033 | 0.034 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167571.992109498390 | 167571.99 | 3909532.55 | FENCEGRD | 0.033 | 0.033 | 0.035 | 0.036 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167550.902267997390 | 167550.90 | 3909542.03 | FENCEGRD | 0.034 | 0.036 | 0.037 | 0.039 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167529.812426496390 | 167529.81 | 3909551.50 | FENCEGRD | 0.037 | 0.039 | 0.041 | 0.043 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167508.722584995390 | 167508.72 | 3909560.97 | FENCEGRD | 0.042 | 0.044 | 0.046 | 0.048 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167416.363136152390 | 167416.36 | 3909479.43 | FENCEGRD | 0.080 | 0.081 | 0.082 | 0.083 | 0.008 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167402.109214684390 | 167402.11 | 3909461.23 | FENCEGRD | 0.085 | 0.086 | 0.087 | 0.088 | 0.009 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167387.855293216390 | 167387.86 | 3909443.03 | FENCEGRD | 0.091 | 0.092 | 0.093 | 0.094 | 0.010 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167373.601371747390 | 167373.60 | 3909424.82 | FENCEGRD | 0.098 | 0.099 | 0.101 | 0.102 | 0.011 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167359.347450279390 | 167359.35 | 3909406.62 | FENCEGRD | 0.105 | 0.107 | 0.109 | 0.110 | 0.011 | 0.029 | 0.002 | 0.003 | 0.003 | 0.003 |
| 167345.093528813909 | 167345.09 | 3909388.42 | FENCEGRD | 0.113 | 0.115 | 0.117 | 0.119 | 0.010 | 0.031 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167330.839607342390 | 167330.84 | 3909370.21 | FENCEGRD | 0.123 | 0.124 | 0.126 | 0.126 | 0.009 | 0.033 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167316.585685874390 | 167316.59 | 3909352.01 | FENCEGRD | 0.130 | 0.131 | 0.131 | 0.131 | 0.007 | 0.035 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167302.331764405390 | 167302.33 | 3909333.81 | FENCEGRD | 0.135 | 0.135 | 0.133 | 0.132 | 0.006 | 0.036 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167288.077842937390 | 167288.08 | 3909315.61 | FENCEGRD | 0.135 | 0.133 | 0.131 | 0.128 | 0.005 | 0.037 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167273.823921468390 | 167273.82 | 3909297.40 | FENCEGRD | 0.131 | 0.128 | 0.124 | 0.121 | 0.004 | 0.038 | 0.003 | 0.003 | 0.002 | 0.002 |
| 167825.070207513909 | 167825.07 | 3909418.88 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167836.518707513909 | 167836.52 | 3909397.12 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167847.967207513909 | 167847.97 | 3909375.35 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167859.415707509390 | 167859.42 | 3909353.59 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167870.864207509390 | 167870.86 | 3909331.83 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167882.312707509390 | 167882.31 | 3909310.07 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167893.761207509390 | 167893.76 | 3909288.31 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.003 | 0.006 | 0.000 | 0.000 | 0.001 | 0.001 |
| 167905.209707509390 | 167905.21 | 3909266.55 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.008 | 0.003 | 0.006 | 0.000 | 0.001 | 0.001 | 0.001 |
| 167916.658207509390 | 167916.66 | 3909244.78 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.008 | 0.003 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167928.106707509390 | 167928.11 | 3909223.02 | FENCEGRD | 0.008 | 0.009 | 0.009 | 0.009 | 0.004 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167939.555207509390 | 167939.56 | 3909201.26 | FENCEGRD | 0.011 | 0.012 | 0.012 | 0.013 | 0.004 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167951.003707513909 | 167951.00 | 3909179.50 | FENCEGRD | 0.015 | 0.015 | 0.016 | 0.017 | 0.005 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167962.452207513909 | 167962.45 | 3909157.74 | FENCEGRD | 0.019 | 0.020 | 0.022 | 0.023 | 0.006 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167973.900707513909 | 167973.90 | 3909135.98 | FENCEGRD | 0.025 | 0.026 | 0.028 | 0.030 | 0.006 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167985.349207513909 | 167985.35 | 3909114.22 | FENCEGRD | 0.031 | 0.033 | 0.035 | 0.038 | 0.006 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167996.797707513909 | 167996.80 | 3909092.45 | FENCEGRD | 0.039 | 0.042 | 0.045 | 0.048 | 0.007 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168008.246207513909 | 168008.25 | 3909070.69 | FENCEGRD | 0.048 | 0.051 | 0.055 | 0.059 | 0.007 | 0.015 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168019.694707513909 | 168019.69 | 3909048.93 | FENCEGRD | 0.057 | 0.060 | 0.064 | 0.068 | 0.007 | 0.016 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168031.143207513909 | 168031.14 | 3909027.17 | FENCEGRD | 0.064 | 0.067 | 0.072 | 0.076 | 0.007 | 0.017 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168042.591707513909 | 168042.59 | 3909005.41 | FENCEGRD | 0.071 | 0.075 | 0.080 | 0.085 | 0.007 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168054.040207513908 | 168054.04 | 3908983.65 | FENCEGRD | 0.079 | 0.083 | 0.088 | 0.093 | 0.007 | 0.019 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167892.145675789390 | 167892.15 | 3909475.06 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167870.721074939094 | 167870.72 | 3909484.68 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167849.296474013909 | 167849.30 | 3909494.31 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167827.871873123909 | 167827.87 | 3909503.93 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167806.447272233909 | 167806.45 | 3909513.55 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167785.022671343909 | 167785.02 | 3909523.18 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167763.598070453909 | 167763.60 | 3909532.80 | FENCEGRD | 0.004 | 0.004 | 0.005 | 0.005 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167742.173469563909 | 167742.17 | 3909542.42 | FENCEGRD | 0.006 | 0.006 | 0.007 | 0.007 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167720.748868671390 | 167720.75 | 3909552.05 | FENCEGRD | 0.009 | 0.010 | 0.011 | 0.011 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167699.324267781390 | 167699.32 | 3909561.67 | FENCEGRD | 0.013 | 0.014 | 0.014 | 0.015 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167677.899666891390 | 167677.90 | 3909571.29 | FENCEGRD | 0.016 | 0.017 | 0.018 | 0.019 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167656.475066001390 | 167656.48 | 3909580.92 | FENCEGRD | 0.019 | 0.020 | 0.021 | 0.022 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167635.050465111390 | 167635.05 | 3909590.54 | FENCEGRD | 0.023 | 0.023 | 0.024 | 0.025 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167613.625864221390 | 167613.63 | 3909600.17 | FENCEGRD | 0.025 | 0.025 | 0.026 | 0.026 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167592.201263331390 | 167592.20 | 3909609.79 | FENCEGRD | 0.026 | 0.026 | 0.027 | 0.027 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167570.776662442390 | 167570.78 | 3909619.41 | FENCEGRD | 0.027 | 0.028 | 0.029 | 0.029 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167549.352061552390 | 167549.35 | 3909629.04 | FENCEGRD | 0.029 | 0.030 | 0.031 | 0.032 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167527.927460662390 | 167527.93 | 3909638.66 | FENCEGRD | 0.032 | 0.033 | 0.035 | 0.036 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167518.002116919390 | 167518.00 | 3909600.16 | FENCEGRD | 0.036 | 0.038 | 0.040 | 0.041 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167385.289837416390 | 167385.29 | 3909619.12 | FENCEGRD | 0.051 | 0.051 | 0.052 | 0.053 | 0.004 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167391.252787042390 | 167391.25 | 3909575.07 | FENCEGRD | 0.059 | 0.060 | 0.061 | 0.062 | 0.005 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167376.772612852390 | 167376.77 | 3909556.58 | FENCEGRD | 0.065 | 0.066 | 0.066 | 0.067 | 0.006 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167362.292438662390 | 167362.29 | 3909538.09 | FENCEGRD | 0.069 | 0.070 | 0.071 | 0.071 | 0.007 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167347.812264471390 | 167347.81 | 3909519.59 | FENCEGRD | 0.073 | 0.074 | 0.075 | 0.075 | 0.007 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167333.332090281390 | 167333.33 | 3909501.10 | FENCEGRD | 0.078 | 0.078 | 0.079 | 0.080 | 0.008 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167318.851916091390 | 167318.85 | 3909482.61 | FENCEGRD | 0.082 | 0.084 | 0.085 | 0.086 | 0.009 | 0.024 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167304.371741901390 | 167304.37 | 3909464.12 | FENCEGRD | 0.088 | 0.090 | 0.091 | 0.092 | 0.010 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167289.891567711390 | 167289.89 | 3909445.63 | FENCEGRD | 0.095 | 0.097 | 0.098 | 0.100 | 0.009 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167275.411393521390 | 167275.41 | 3909427.14 | FENCEGRD | 0.103 | 0.104 | 0.105 | 0.106 | 0.009 | 0.029 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167260.931219331390 | 167260.93 | 3909408.64 | FENCEGRD | 0.109 | 0.110 | 0.110 | 0.110 | 0.008 | 0.030 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167246.451045141390 | 167246.45 | 3909390.15 | FENCEGRD | 0.113 | 0.113 | 0.112 | 0.112 | 0.007 | 0.032 | 0.003 | 0.003 | 0.003</ | |

0<2 Cancer Risk

| | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167970.812776679390 | 167970.81 | 3909356.63 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167982.261276679390 | 167982.26 | 3909334.87 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167993.709776679390 | 167993.71 | 3909313.11 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168005.158276679390 | 168005.16 | 3909291.34 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168016.606776679390 | 168016.61 | 3909269.58 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.007 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168028.055276679390 | 168028.06 | 3909247.82 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168039.503776679390 | 168039.50 | 3909226.06 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.011 | 0.003 | 0.006 | 0.000 | 0.001 | 0.001 | 0.001 |
| 168050.952276679390 | 168050.95 | 3909204.30 | FENCEGRD | 0.012 | 0.012 | 0.013 | 0.013 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168062.400776679390 | 168062.40 | 3909182.54 | FENCEGRD | 0.015 | 0.015 | 0.016 | 0.017 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168073.849276679390 | 168073.85 | 3909160.77 | FENCEGRD | 0.018 | 0.019 | 0.020 | 0.021 | 0.004 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168085.297776679390 | 168085.30 | 3909139.01 | FENCEGRD | 0.022 | 0.023 | 0.025 | 0.026 | 0.004 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168096.746276679390 | 168096.75 | 3909117.25 | FENCEGRD | 0.027 | 0.028 | 0.030 | 0.031 | 0.004 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168108.194776679390 | 168108.19 | 3909095.49 | FENCEGRD | 0.032 | 0.033 | 0.035 | 0.037 | 0.005 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168119.643276679390 | 168119.64 | 3909073.73 | FENCEGRD | 0.037 | 0.038 | 0.041 | 0.043 | 0.005 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168131.091776679390 | 168131.09 | 3909051.97 | FENCEGRD | 0.041 | 0.043 | 0.045 | 0.048 | 0.005 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168142.540276679390 | 168142.54 | 3909030.21 | FENCEGRD | 0.046 | 0.047 | 0.050 | 0.052 | 0.005 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167980.439739182390 | 167980.44 | 3909521.71 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167958.809132514390 | 167958.81 | 3909531.43 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167937.178525846390 | 167937.18 | 3909541.14 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167915.547919179390 | 167915.55 | 3909550.86 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167893.917312511390 | 167893.92 | 3909560.58 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167872.286705843390 | 167872.29 | 3909570.29 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167850.656099176390 | 167850.66 | 3909580.01 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167829.025492508390 | 167829.03 | 3909589.72 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167807.394885843909 | 167807.39 | 3909599.44 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167785.764279173390 | 167785.76 | 3909609.16 | FENCEGRD | 0.005 | 0.005 | 0.006 | 0.006 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167764.133672505390 | 167764.13 | 3909618.87 | FENCEGRD | 0.008 | 0.008 | 0.009 | 0.009 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167742.503065837390 | 167742.50 | 3909628.59 | FENCEGRD | 0.011 | 0.011 | 0.012 | 0.013 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167720.872459173909 | 167720.87 | 3909638.30 | FENCEGRD | 0.014 | 0.014 | 0.015 | 0.016 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167699.241852502390 | 167699.24 | 3909648.02 | FENCEGRD | 0.016 | 0.017 | 0.018 | 0.018 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167677.611245834390 | 167677.61 | 3909657.74 | FENCEGRD | 0.018 | 0.019 | 0.020 | 0.021 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167655.980639167390 | 167655.98 | 3909667.45 | FENCEGRD | 0.021 | 0.021 | 0.022 | 0.023 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167634.350032499390 | 167634.35 | 3909677.17 | FENCEGRD | 0.022 | 0.023 | 0.023 | 0.024 | 0.001 | 0.007 | 0.000 | 0.001 | 0.001 | 0.001 |
| 167612.719425831390 | 167612.72 | 3909686.88 | FENCEGRD | 0.023 | 0.024 | 0.024 | 0.025 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167591.088819164390 | 167591.09 | 3909696.60 | FENCEGRD | 0.024 | 0.025 | 0.025 | 0.026 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167569.458212496390 | 167569.46 | 3909706.32 | FENCEGRD | 0.026 | 0.027 | 0.027 | 0.028 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167547.827605829390 | 167547.83 | 3909716.03 | FENCEGRD | 0.027 | 0.028 | 0.029 | 0.030 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167482.935785826390 | 167482.94 | 3909745.18 | FENCEGRD | 0.030 | 0.030 | 0.031 | 0.031 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167461.305179158390 | 167461.31 | 3909754.90 | FENCEGRD | 0.029 | 0.030 | 0.030 | 0.030 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167425.055165856390 | 167425.06 | 3909745.94 | FENCEGRD | 0.031 | 0.032 | 0.032 | 0.033 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167410.435759222390 | 167410.44 | 3909727.27 | FENCEGRD | 0.034 | 0.034 | 0.035 | 0.035 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167395.816352588390 | 167395.82 | 3909708.60 | FENCEGRD | 0.036 | 0.036 | 0.037 | 0.037 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167381.196945953390 | 167381.20 | 3909689.93 | FENCEGRD | 0.038 | 0.039 | 0.040 | 0.040 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167366.577539319390 | 167366.58 | 3909671.26 | FENCEGRD | 0.042 | 0.042 | 0.043 | 0.044 | 0.004 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167351.958132685390 | 167351.96 | 3909652.59 | FENCEGRD | 0.046 | 0.047 | 0.048 | 0.048 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167337.338726051390 | 167337.34 | 3909633.92 | FENCEGRD | 0.051 | 0.052 | 0.052 | 0.053 | 0.005 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167322.719319416390 | 167322.72 | 3909615.25 | FENCEGRD | 0.056 | 0.056 | 0.057 | 0.057 | 0.005 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167308.099912782390 | 167308.10 | 3909596.58 | FENCEGRD | 0.060 | 0.060 | 0.061 | 0.061 | 0.006 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167293.480506148390 | 167293.48 | 3909577.92 | FENCEGRD | 0.063 | 0.064 | 0.064 | 0.064 | 0.006 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167278.861099514390 | 167278.86 | 3909559.25 | FENCEGRD | 0.067 | 0.067 | 0.068 | 0.069 | 0.007 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167264.241692879390 | 167264.24 | 3909540.58 | FENCEGRD | 0.072 | 0.073 | 0.073 | 0.074 | 0.008 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167249.622286245390 | 167249.62 | 3909521.91 | FENCEGRD | 0.078 | 0.079 | 0.079 | 0.080 | 0.008 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167235.002879611390 | 167235.00 | 3909503.24 | FENCEGRD | 0.083 | 0.084 | 0.085 | 0.086 | 0.009 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167220.383472977390 | 167220.38 | 3909484.57 | FENCEGRD | 0.090 | 0.091 | 0.091 | 0.092 | 0.009 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167205.764066342390 | 167205.76 | 3909465.90 | FENCEGRD | 0.095 | 0.095 | 0.096 | 0.096 | 0.008 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167191.144659708390 | 167191.14 | 3909447.23 | FENCEGRD | 0.099 | 0.099 | 0.099 | 0.098 | 0.008 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167176.525253074390 | 167176.53 | 3909428.56 | FENCEGRD | 0.101 | 0.101 | 0.100 | 0.099 | 0.007 | 0.030 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167161.905846443909 | 167161.91 | 3909409.89 | FENCEGRD | 0.101 | 0.101 | 0.099 | 0.098 | 0.006 | 0.031 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167147.286439805390 | 167147.29 | 3909391.22 | FENCEGRD | 0.100 | 0.099 | 0.097 | 0.095 | 0.006 | 0.032 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167132.667033171390 | 167132.67 | 3909372.55 | FENCEGRD | 0.097 | 0.095 | 0.093 | 0.091 | 0.005 | 0.032 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167118.047626537390 | 167118.05 | 3909353.88 | FENCEGRD | 0.093 | 0.091 | 0.088 | 0.086 | 0.004 | 0.031 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167103.428219903390 | 167103.43 | 3909335.21 | FENCEGRD | 0.088 | 0.085 | 0.083 | 0.081 | 0.004 | 0.031 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167088.808813268390 | 167088.81 | 3909316.54 | FENCEGRD | 0.082 | 0.080 | 0.077 | 0.075 | 0.003 | 0.030 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167074.189406634390 | 167074.19 | 3909297.87 | FENCEGRD | 0.076 | 0.074 | 0.071 | 0.069 | 0.003 | 0.029 | 0.002 | 0.002 | 0.001 | 0.001 |
| 168002.070345849390 | 168002.07 | 3909511.99 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168013.518845849390 | 168013.52 | 3909490.23 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168024.967345849390 | 168024.97 | 3909468.47 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168036.415845849390 | 168036.42 | 3909446.71 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168047.864345849390 | 168047.86 | 3909424.95 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168059.312845849390 | 168059.31 | 3909403.19 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168070.761345849390 | 168070.76 | 3909381.43 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168082.209845849390 | 168082.21 | 3909359.66 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168093.658345849390 | 168093.66 | 3909337.90 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000</ | |

0<2 Cancer Risk

| | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168219.591845849390 | 168219.59 | 3909098.53 | FENCEGRD | 0.026 | 0.027 | 0.028 | 0.029 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168231.040345849390 | 168231.04 | 3909076.76 | FENCEGRD | 0.028 | 0.030 | 0.031 | 0.032 | 0.004 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168068.800256053909 | 168068.80 | 3909568.33 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168047.030097082390 | 168047.03 | 3909578.11 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168025.259938113390 | 168025.26 | 3909587.89 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168003.489779144390 | 168003.49 | 3909597.67 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167981.719620175390 | 167981.72 | 3909607.45 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167959.949461207390 | 167959.95 | 3909617.23 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167938.179302238390 | 167938.18 | 3909627.00 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167916.409143269390 | 167916.41 | 3909636.78 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167894.638984339096 | 167894.64 | 3909646.56 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167872.868825332390 | 167872.87 | 3909656.34 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167851.098666363390 | 167851.10 | 3909666.12 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167829.328507394390 | 167829.33 | 3909675.90 | FENCEGRD | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167807.558348426390 | 167807.56 | 3909685.68 | FENCEGRD | 0.009 | 0.009 | 0.010 | 0.010 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167785.788189457390 | 167785.79 | 3909695.46 | FENCEGRD | 0.011 | 0.011 | 0.012 | 0.012 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167764.018030488390 | 167764.02 | 3909705.23 | FENCEGRD | 0.012 | 0.013 | 0.013 | 0.014 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167742.247871519390 | 167742.25 | 3909715.01 | FENCEGRD | 0.014 | 0.015 | 0.015 | 0.016 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167720.477712551390 | 167720.48 | 3909724.79 | FENCEGRD | 0.016 | 0.016 | 0.017 | 0.018 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167698.707553582390 | 167698.71 | 3909734.57 | FENCEGRD | 0.018 | 0.018 | 0.019 | 0.020 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167676.937394613390 | 167676.94 | 3909744.35 | FENCEGRD | 0.019 | 0.020 | 0.021 | 0.021 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167655.167235645390 | 167655.17 | 3909754.13 | FENCEGRD | 0.021 | 0.021 | 0.022 | 0.023 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167633.397076676390 | 167633.40 | 3909763.91 | FENCEGRD | 0.022 | 0.022 | 0.023 | 0.023 | 0.002 | 0.007 | 0.000 | 0.000 | 0.001 | 0.001 |
| 167611.626917707390 | 167611.63 | 3909773.69 | FENCEGRD | 0.023 | 0.023 | 0.024 | 0.025 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167524.546281832390 | 167524.55 | 3909812.80 | FENCEGRD | 0.025 | 0.025 | 0.025 | 0.025 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167502.776122863390 | 167502.78 | 3909822.58 | FENCEGRD | 0.024 | 0.025 | 0.025 | 0.025 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167481.005963895390 | 167481.01 | 3909832.36 | FENCEGRD | 0.025 | 0.025 | 0.025 | 0.026 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167459.235804926390 | 167459.24 | 3909842.14 | FENCEGRD | 0.025 | 0.025 | 0.026 | 0.026 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167437.465645957390 | 167437.47 | 3909851.92 | FENCEGRD | 0.025 | 0.025 | 0.025 | 0.026 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167400.981761602390 | 167400.98 | 3909842.90 | FENCEGRD | 0.025 | 0.026 | 0.026 | 0.026 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167386.268036215390 | 167386.27 | 3909824.11 | FENCEGRD | 0.027 | 0.027 | 0.027 | 0.028 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167371.554310828390 | 167371.55 | 3909805.32 | FENCEGRD | 0.028 | 0.029 | 0.029 | 0.030 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167356.840585442390 | 167356.84 | 3909786.53 | FENCEGRD | 0.030 | 0.031 | 0.031 | 0.032 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167342.126860055390 | 167342.13 | 3909767.74 | FENCEGRD | 0.033 | 0.033 | 0.033 | 0.034 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167327.413134668390 | 167327.41 | 3909748.95 | FENCEGRD | 0.035 | 0.035 | 0.036 | 0.036 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167312.699409281390 | 167312.70 | 3909730.16 | FENCEGRD | 0.037 | 0.037 | 0.038 | 0.038 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167297.985683895390 | 167297.99 | 3909711.37 | FENCEGRD | 0.039 | 0.040 | 0.041 | 0.041 | 0.004 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167283.271958508390 | 167283.27 | 3909692.58 | FENCEGRD | 0.042 | 0.043 | 0.043 | 0.044 | 0.004 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167268.558233121390 | 167268.56 | 3909673.79 | FENCEGRD | 0.046 | 0.046 | 0.046 | 0.047 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167253.844507735390 | 167253.84 | 3909655.00 | FENCEGRD | 0.049 | 0.049 | 0.050 | 0.050 | 0.005 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167239.130782348390 | 167239.13 | 3909636.21 | FENCEGRD | 0.052 | 0.052 | 0.053 | 0.053 | 0.005 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167224.417056961390 | 167224.42 | 3909617.42 | FENCEGRD | 0.055 | 0.056 | 0.056 | 0.057 | 0.006 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167209.703331574390 | 167209.70 | 3909598.63 | FENCEGRD | 0.059 | 0.059 | 0.060 | 0.061 | 0.007 | 0.019 | 0.001 | 0.001 | 0.002 | 0.002 |
| 167194.989606188390 | 167194.99 | 3909579.84 | FENCEGRD | 0.063 | 0.064 | 0.065 | 0.065 | 0.007 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167180.275880801390 | 167180.28 | 3909561.05 | FENCEGRD | 0.068 | 0.069 | 0.069 | 0.070 | 0.007 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167165.562155414390 | 167165.56 | 3909542.26 | FENCEGRD | 0.073 | 0.074 | 0.074 | 0.075 | 0.008 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167150.848430027390 | 167150.85 | 3909523.47 | FENCEGRD | 0.078 | 0.078 | 0.079 | 0.079 | 0.007 | 0.024 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167136.134704641390 | 167136.13 | 3909504.68 | FENCEGRD | 0.082 | 0.082 | 0.082 | 0.082 | 0.007 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167121.420979254390 | 167121.42 | 3909485.89 | FENCEGRD | 0.085 | 0.085 | 0.084 | 0.084 | 0.007 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167106.707253867390 | 167106.71 | 3909467.10 | FENCEGRD | 0.087 | 0.086 | 0.085 | 0.085 | 0.006 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167091.993528481390 | 167091.99 | 3909448.31 | FENCEGRD | 0.087 | 0.087 | 0.085 | 0.084 | 0.006 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167077.279803094390 | 167077.28 | 3909429.52 | FENCEGRD | 0.086 | 0.085 | 0.084 | 0.082 | 0.005 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167062.566077707390 | 167062.57 | 3909410.73 | FENCEGRD | 0.084 | 0.082 | 0.081 | 0.079 | 0.005 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167047.852352323909 | 167047.85 | 3909391.94 | FENCEGRD | 0.080 | 0.079 | 0.077 | 0.076 | 0.004 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167033.138626934390 | 167033.14 | 3909373.15 | FENCEGRD | 0.076 | 0.075 | 0.073 | 0.071 | 0.004 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167018.424901547390 | 167018.42 | 3909354.36 | FENCEGRD | 0.072 | 0.071 | 0.069 | 0.067 | 0.004 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167003.711176163909 | 167003.71 | 3909335.57 | FENCEGRD | 0.068 | 0.066 | 0.064 | 0.063 | 0.003 | 0.026 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166988.997450773390 | 166989.00 | 3909316.78 | FENCEGRD | 0.063 | 0.061 | 0.060 | 0.058 | 0.003 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166974.283725387390 | 166974.28 | 3909297.99 | FENCEGRD | 0.058 | 0.057 | 0.055 | 0.054 | 0.002 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168090.570415019390 | 168090.57 | 3909558.55 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168102.018915019390 | 168102.02 | 3909536.79 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168113.467415019390 | 168113.47 | 3909515.03 | FENCEGRD | 0.004 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168124.915915019390 | 168124.92 | 3909493.27 | FENCEGRD | 0.004 | 0.004 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168136.364415019390 | 168136.36 | 3909471.51 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168147.812915019390 | 168147.81 | 3909449.75 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168159.261415019390 | 168159.26 | 3909427.98 | FENCEGRD | 0.005 | 0.005 | 0.006 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168170.709915019390 | 168170.71 | 3909406.22 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168182.158415019390 | 168182.16 | 3909384.46 | FENCEGRD | 0.006 | 0.006 | 0.007 | 0.007 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168193.606915019390 | 168193.61 | 3909362.70 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168205.055415019390 | 168205.06 | 3909340.94 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168216.503915019390 | 168216.50 | 3909319.18 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.010 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168227.952415019390 | 168227.95 | 3909297.42 | FENCEGRD | 0.010 | 0.010 | 0.011 | 0.011 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168239.400915019390 | 168239.40 | 3909275.65 | FENCEGRD | 0.011 | 0.011 | 0.012 | 0.012 | 0.002 | 0.005 | | | | |

0<2 Cancer Risk

| | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168091.586697222390 | 168091.59 | 3909644.41 | FENCEGRD | 0.007 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168069.715750483909 | 168069.72 | 3909654.23 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168047.844803739390 | 168047.84 | 3909664.06 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168025.973856997390 | 168025.97 | 3909673.88 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168004.102910255390 | 168004.10 | 3909683.70 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167982.231963513390 | 167982.23 | 3909693.53 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167960.361016772390 | 167960.36 | 3909703.35 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167938.490070033909 | 167938.49 | 3909713.18 | FENCEGRD | 0.007 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167916.619123288390 | 167916.62 | 3909723.00 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167894.748176546390 | 167894.75 | 3909732.82 | FENCEGRD | 0.008 | 0.008 | 0.009 | 0.009 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167872.877229805390 | 167872.88 | 3909742.65 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167851.006283063390 | 167851.01 | 3909752.47 | FENCEGRD | 0.009 | 0.009 | 0.010 | 0.010 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167829.135336321390 | 167829.14 | 3909762.30 | FENCEGRD | 0.010 | 0.010 | 0.011 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167807.264389583909 | 167807.26 | 3909772.12 | FENCEGRD | 0.011 | 0.011 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167785.393442838390 | 167785.39 | 3909781.94 | FENCEGRD | 0.012 | 0.012 | 0.013 | 0.013 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167763.522496096390 | 167763.52 | 3909791.77 | FENCEGRD | 0.013 | 0.013 | 0.014 | 0.014 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167741.651549354390 | 167741.65 | 3909801.59 | FENCEGRD | 0.014 | 0.015 | 0.015 | 0.016 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167719.780602613390 | 167719.78 | 3909811.42 | FENCEGRD | 0.015 | 0.016 | 0.017 | 0.017 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167697.909655871390 | 167697.91 | 3909821.24 | FENCEGRD | 0.017 | 0.017 | 0.018 | 0.018 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167676.038709129390 | 167676.04 | 3909831.07 | FENCEGRD | 0.018 | 0.018 | 0.019 | 0.019 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167654.167762388390 | 167654.17 | 3909840.89 | FENCEGRD | 0.019 | 0.020 | 0.020 | 0.021 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167566.683975421390 | 167566.68 | 3909880.19 | FENCEGRD | 0.021 | 0.021 | 0.021 | 0.022 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167544.813028679390 | 167544.81 | 3909890.01 | FENCEGRD | 0.021 | 0.021 | 0.021 | 0.021 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167522.942081937390 | 167522.94 | 3909899.83 | FENCEGRD | 0.020 | 0.020 | 0.020 | 0.020 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167501.071135196390 | 167501.07 | 3909909.66 | FENCEGRD | 0.020 | 0.020 | 0.020 | 0.020 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167479.200188454390 | 167479.20 | 3909919.48 | FENCEGRD | 0.019 | 0.020 | 0.020 | 0.020 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167457.329241712390 | 167457.33 | 3909929.31 | FENCEGRD | 0.019 | 0.019 | 0.020 | 0.020 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167435.458294973909 | 167435.46 | 3909939.13 | FENCEGRD | 0.019 | 0.020 | 0.020 | 0.020 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167413.587348229390 | 167413.59 | 3909948.95 | FENCEGRD | 0.020 | 0.020 | 0.020 | 0.020 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167376.934557001390 | 167376.93 | 3909939.90 | FENCEGRD | 0.021 | 0.021 | 0.022 | 0.022 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167362.152712515390 | 167362.15 | 3909921.02 | FENCEGRD | 0.022 | 0.023 | 0.023 | 0.023 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167347.370868033909 | 167347.37 | 3909902.15 | FENCEGRD | 0.024 | 0.024 | 0.024 | 0.024 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167332.589023544390 | 167332.59 | 3909883.27 | FENCEGRD | 0.025 | 0.025 | 0.025 | 0.026 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167317.807179058390 | 167317.81 | 3909864.39 | FENCEGRD | 0.027 | 0.027 | 0.027 | 0.027 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167303.025334572390 | 167303.03 | 3909845.51 | FENCEGRD | 0.028 | 0.029 | 0.029 | 0.029 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167288.243490087390 | 167288.24 | 3909826.64 | FENCEGRD | 0.030 | 0.030 | 0.031 | 0.031 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167273.461645601390 | 167273.46 | 3909807.76 | FENCEGRD | 0.032 | 0.032 | 0.033 | 0.033 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167258.679801115390 | 167258.68 | 3909788.88 | FENCEGRD | 0.034 | 0.034 | 0.035 | 0.035 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167243.897956629390 | 167243.90 | 3909770.01 | FENCEGRD | 0.036 | 0.036 | 0.037 | 0.037 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167229.116112144390 | 167229.12 | 3909751.13 | FENCEGRD | 0.038 | 0.038 | 0.038 | 0.039 | 0.004 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167214.334267658390 | 167214.33 | 3909732.25 | FENCEGRD | 0.040 | 0.040 | 0.040 | 0.041 | 0.004 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167199.552423172390 | 167199.55 | 3909713.37 | FENCEGRD | 0.042 | 0.042 | 0.043 | 0.043 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167184.770578686390 | 167184.77 | 3909694.50 | FENCEGRD | 0.044 | 0.045 | 0.045 | 0.045 | 0.005 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167169.988734201390 | 167169.99 | 3909675.62 | FENCEGRD | 0.047 | 0.047 | 0.048 | 0.048 | 0.005 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167155.206889715390 | 167155.21 | 3909656.74 | FENCEGRD | 0.049 | 0.050 | 0.050 | 0.051 | 0.006 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167140.425045229390 | 167140.43 | 3909637.87 | FENCEGRD | 0.052 | 0.053 | 0.054 | 0.054 | 0.006 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167125.643200743390 | 167125.64 | 3909618.99 | FENCEGRD | 0.056 | 0.057 | 0.057 | 0.058 | 0.006 | 0.018 | 0.001 | 0.002 | 0.002 | 0.002 |
| 167110.861356258390 | 167110.86 | 3909600.11 | FENCEGRD | 0.060 | 0.060 | 0.061 | 0.062 | 0.007 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167096.079511772390 | 167096.08 | 3909581.23 | FENCEGRD | 0.063 | 0.064 | 0.065 | 0.065 | 0.007 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167081.297667286390 | 167081.30 | 3909562.36 | FENCEGRD | 0.067 | 0.068 | 0.068 | 0.068 | 0.007 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167066.515822839099 | 167066.52 | 3909543.48 | FENCEGRD | 0.070 | 0.070 | 0.070 | 0.070 | 0.006 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167051.733978315390 | 167051.73 | 3909524.60 | FENCEGRD | 0.072 | 0.072 | 0.072 | 0.071 | 0.006 | 0.024 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167036.952133829390 | 167036.95 | 3909505.73 | FENCEGRD | 0.073 | 0.073 | 0.072 | 0.072 | 0.006 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167022.170289343390 | 167022.17 | 3909486.85 | FENCEGRD | 0.073 | 0.073 | 0.072 | 0.071 | 0.005 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167007.388444857390 | 167007.39 | 3909467.97 | FENCEGRD | 0.073 | 0.072 | 0.071 | 0.070 | 0.005 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 |
| 166992.606600372390 | 166992.61 | 3909449.09 | FENCEGRD | 0.071 | 0.070 | 0.069 | 0.068 | 0.005 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 |
| 166977.824755886390 | 166977.82 | 3909430.22 | FENCEGRD | 0.069 | 0.068 | 0.067 | 0.066 | 0.004 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 |
| 166963.042911439094 | 166963.04 | 3909411.34 | FENCEGRD | 0.067 | 0.065 | 0.064 | 0.063 | 0.004 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 166948.261066914390 | 166948.26 | 3909392.46 | FENCEGRD | 0.063 | 0.062 | 0.061 | 0.060 | 0.004 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166933.479222429390 | 166933.48 | 3909373.59 | FENCEGRD | 0.060 | 0.059 | 0.058 | 0.056 | 0.003 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166918.697377943390 | 166918.70 | 3909354.71 | FENCEGRD | 0.057 | 0.056 | 0.054 | 0.053 | 0.003 | 0.023 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166903.915533457390 | 166903.92 | 3909335.83 | FENCEGRD | 0.053 | 0.052 | 0.051 | 0.050 | 0.003 | 0.022 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166889.133688972390 | 166889.13 | 3909316.95 | FENCEGRD | 0.050 | 0.049 | 0.047 | 0.046 | 0.002 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166874.351844486390 | 166874.35 | 3909298.08 | FENCEGRD | 0.047 | 0.045 | 0.044 | 0.043 | 0.002 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168179.070484189390 | 168179.07 | 3909605.11 | FENCEGRD | 0.005 | 0.006 | 0.006 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168190.518984189390 | 168190.52 | 3909583.35 | FENCEGRD | 0.005 | 0.005 | 0.006 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168201.967484189390 | 168201.97 | 3909561.59 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168213.415984189390 | 168213.42 | 3909539.83 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168224.864484189390 | 168224.86 | 3909518.07 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168236.312984189390 | 168236.31 | 3909496.31 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168247.761484189390 | 168247.76 | 3909474.54 | FENCEGRD | 0.005 | 0.005 | 0.006 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168259.209984189390 | 168259.21 | 3909452.78 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168270.658484189390 | 168270.66 | 3909431.02 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000</ | |

0<2 Cancer Risk

| 0<2 Cancer Risk (per million) | | | | | | | | | | | | | |
|-------------------------------|-----------|------------|----------|--------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168396.591984189390 | 168396.59 | 3909191.64 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.012 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168408.040484189390 | 168408.04 | 3909169.88 | FENCEGRD | 0.011 | 0.012 | 0.012 | 0.012 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167787.000405301390 | 167787.00 | 3908808.03 | FENCEGRD | 0.151 | 0.147 | 0.141 | 0.135 | 0.005 | 0.061 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167754.375442745390 | 167754.38 | 3908835.86 | FENCEGRD | 0.160 | 0.151 | 0.140 | 0.131 | 0.005 | 0.059 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167733.477442745390 | 167733.48 | 3908848.95 | FENCEGRD | 0.154 | 0.143 | 0.131 | 0.121 | 0.005 | 0.054 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167712.579442745390 | 167712.58 | 3908862.03 | FENCEGRD | 0.140 | 0.129 | 0.117 | 0.107 | 0.004 | 0.046 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167691.681442745390 | 167691.68 | 3908875.12 | FENCEGRD | 0.124 | 0.113 | 0.101 | 0.092 | 0.004 | 0.038 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167670.783442745390 | 167670.78 | 3908888.20 | FENCEGRD | 0.105 | 0.094 | 0.084 | 0.076 | 0.004 | 0.033 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167762.006885491390 | 167762.01 | 3908801.59 | FENCEGRD | 0.134 | 0.126 | 0.118 | 0.110 | 0.005 | 0.044 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167741.108885491390 | 167741.11 | 3908814.67 | FENCEGRD | 0.126 | 0.118 | 0.109 | 0.101 | 0.004 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167720.210885491390 | 167720.21 | 3908827.76 | FENCEGRD | 0.117 | 0.108 | 0.099 | 0.091 | 0.004 | 0.030 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167699.312885491390 | 167699.31 | 3908840.84 | FENCEGRD | 0.104 | 0.095 | 0.087 | 0.080 | 0.004 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167678.414885491390 | 167678.41 | 3908853.93 | FENCEGRD | 0.091 | 0.083 | 0.075 | 0.069 | 0.003 | 0.022 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167657.516885491390 | 167657.52 | 3908867.01 | FENCEGRD | 0.078 | 0.071 | 0.063 | 0.058 | 0.003 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167794.142777813390 | 167794.14 | 3908784.69 | FENCEGRD | 0.139 | 0.135 | 0.128 | 0.122 | 0.005 | 0.054 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167816.844002601390 | 167816.84 | 3908786.84 | FENCEGRD | 0.145 | 0.141 | 0.138 | 0.134 | 0.006 | 0.066 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167748.740328236390 | 167748.74 | 3908780.40 | FENCEGRD | 0.107 | 0.101 | 0.094 | 0.088 | 0.004 | 0.030 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167727.842328236390 | 167727.84 | 3908793.49 | FENCEGRD | 0.101 | 0.094 | 0.087 | 0.081 | 0.004 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167706.944328236390 | 167706.94 | 3908806.57 | FENCEGRD | 0.091 | 0.085 | 0.078 | 0.072 | 0.003 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167686.046328236390 | 167686.05 | 3908819.65 | FENCEGRD | 0.082 | 0.075 | 0.069 | 0.063 | 0.003 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167665.148328236390 | 167665.15 | 3908832.74 | FENCEGRD | 0.072 | 0.066 | 0.060 | 0.055 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167644.250328236390 | 167644.25 | 3908845.82 | FENCEGRD | 0.061 | 0.056 | 0.051 | 0.047 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167783.903050533908 | 167783.90 | 3908763.79 | FENCEGRD | 0.121 | 0.115 | 0.108 | 0.102 | 0.004 | 0.042 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167808.117690304390 | 167808.12 | 3908766.08 | FENCEGRD | 0.132 | 0.128 | 0.123 | 0.118 | 0.005 | 0.052 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167868.842829443390 | 167868.84 | 3908842.58 | FENCEGRD | 0.166 | 0.163 | 0.160 | 0.157 | 0.006 | 0.071 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167735.473770981390 | 167735.47 | 3908759.21 | FENCEGRD | 0.090 | 0.084 | 0.078 | 0.073 | 0.004 | 0.023 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167714.575770981390 | 167714.58 | 3908772.30 | FENCEGRD | 0.083 | 0.077 | 0.071 | 0.066 | 0.003 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167693.677770981390 | 167693.68 | 3908785.38 | FENCEGRD | 0.075 | 0.069 | 0.064 | 0.059 | 0.003 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167672.779770981390 | 167672.78 | 3908798.46 | FENCEGRD | 0.066 | 0.061 | 0.056 | 0.052 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167651.881770981390 | 167651.88 | 3908811.55 | FENCEGRD | 0.058 | 0.054 | 0.049 | 0.046 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167630.983770981390 | 167630.98 | 3908824.63 | FENCEGRD | 0.050 | 0.046 | 0.042 | 0.040 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167731.641881263908 | 167731.64 | 3908718.98 | FENCEGRD | 0.074 | 0.070 | 0.065 | 0.061 | 0.003 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167754.343106049390 | 167754.34 | 3908721.12 | FENCEGRD | 0.086 | 0.081 | 0.076 | 0.071 | 0.004 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167777.044330837390 | 167777.04 | 3908723.27 | FENCEGRD | 0.098 | 0.093 | 0.087 | 0.083 | 0.004 | 0.032 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167799.74555625390 | 167799.75 | 3908725.42 | FENCEGRD | 0.108 | 0.104 | 0.099 | 0.094 | 0.004 | 0.038 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167822.446780414390 | 167822.45 | 3908727.56 | FENCEGRD | 0.114 | 0.111 | 0.108 | 0.104 | 0.005 | 0.045 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167845.148005202390 | 167845.15 | 3908729.71 | FENCEGRD | 0.119 | 0.117 | 0.114 | 0.112 | 0.005 | 0.051 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167902.077823145390 | 167902.08 | 3908801.43 | FENCEGRD | 0.148 | 0.145 | 0.143 | 0.140 | 0.006 | 0.069 | 0.003 | 0.002 | 0.002 | 0.002 |
| 167905.920279267390 | 167905.92 | 3908823.90 | FENCEGRD | 0.150 | 0.148 | 0.146 | 0.144 | 0.006 | 0.066 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167909.762735389390 | 167909.76 | 3908846.38 | FENCEGRD | 0.150 | 0.150 | 0.150 | 0.149 | 0.006 | 0.060 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167913.605191511390 | 167913.61 | 3908868.86 | FENCEGRD | 0.145 | 0.147 | 0.149 | 0.150 | 0.007 | 0.054 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167917.447647633390 | 167917.45 | 3908891.33 | FENCEGRD | 0.138 | 0.142 | 0.147 | 0.151 | 0.008 | 0.048 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167708.940656472390 | 167708.94 | 3908716.83 | FENCEGRD | 0.063 | 0.059 | 0.055 | 0.052 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167688.042656472390 | 167688.04 | 3908729.92 | FENCEGRD | 0.057 | 0.054 | 0.050 | 0.047 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167667.144656472390 | 167667.14 | 3908743.00 | FENCEGRD | 0.051 | 0.048 | 0.045 | 0.042 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167646.246656472390 | 167646.25 | 3908756.08 | FENCEGRD | 0.046 | 0.043 | 0.040 | 0.037 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167625.348656472390 | 167625.35 | 3908769.17 | FENCEGRD | 0.041 | 0.038 | 0.036 | 0.034 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167604.450656472390 | 167604.45 | 3908782.25 | FENCEGRD | 0.036 | 0.034 | 0.032 | 0.030 | 0.002 | 0.007 | 0.001 | 0.000 | 0.000 | 0.000 |
| 167706.622181736390 | 167706.62 | 3908676.74 | FENCEGRD | 0.055 | 0.051 | 0.048 | 0.045 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167730.836821511390 | 167730.84 | 3908679.03 | FENCEGRD | 0.064 | 0.060 | 0.056 | 0.053 | 0.003 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167755.051461285390 | 167755.05 | 3908681.32 | FENCEGRD | 0.075 | 0.071 | 0.066 | 0.063 | 0.003 | 0.022 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167779.266101059390 | 167779.27 | 3908683.61 | FENCEGRD | 0.082 | 0.080 | 0.077 | 0.073 | 0.004 | 0.026 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167803.480740834390 | 167803.48 | 3908685.90 | FENCEGRD | 0.088 | 0.085 | 0.082 | 0.080 | 0.004 | 0.031 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167827.695380608390 | 167827.70 | 3908688.19 | FENCEGRD | 0.094 | 0.092 | 0.089 | 0.087 | 0.004 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167851.910020382390 | 167851.91 | 3908690.47 | FENCEGRD | 0.099 | 0.097 | 0.095 | 0.093 | 0.005 | 0.041 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167876.124660157390 | 167876.12 | 3908692.76 | FENCEGRD | 0.103 | 0.101 | 0.098 | 0.097 | 0.005 | 0.046 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167900.339299931390 | 167900.34 | 3908695.05 | FENCEGRD | 0.108 | 0.106 | 0.104 | 0.102 | 0.005 | 0.050 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167936.849799296390 | 167936.85 | 3908769.26 | FENCEGRD | 0.145 | 0.143 | 0.141 | 0.139 | 0.006 | 0.061 | 0.003 | 0.002 | 0.002 | 0.002 |
| 167940.948419159390 | 167940.95 | 3908793.24 | FENCEGRD | 0.152 | 0.151 | 0.149 | 0.147 | 0.006 | 0.057 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167945.047039022390 | 167945.05 | 3908817.21 | FENCEGRD | 0.158 | 0.158 | 0.158 | 0.157 | 0.006 | 0.053 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167949.145658886390 | 167949.15 | 3908841.19 | FENCEGRD | 0.162 | 0.163 | 0.165 | 0.165 | 0.007 | 0.049 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167953.244278749390 | 167953.24 | 3908865.16 | FENCEGRD | 0.160 | 0.164 | 0.167 | 0.169 | 0.007 | 0.045 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167957.342898613390 | 167957.34 | 3908889.14 | FENCEGRD | 0.153 | 0.158 | 0.164 | 0.168 | 0.008 | 0.041 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167961.441518476390 | 167961.44 | 3908913.11 | FENCEGRD | 0.147 | 0.153 | 0.160 | 0.166 | 0.008 | 0.036 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167682.407541962390 | 167682.41 | 3908674.45 | FENCEGRD | 0.046 | 0.044 | 0.041 | 0.038 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167661.509541962390 | 167661.51 | 3908687.54 | FENCEGRD | 0.042 | 0.039 | 0.037 | 0.035 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167640.611541962390 | 167640.61 | 3908700.62 | FENCEGRD | 0.037 | 0.035 | 0.033 | 0.032 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167619.713541962390 | 167619.71 | 3908713.71 | FENCEGRD | 0.034 | 0.032 | 0.030 | 0.029 | 0.002 | 0.006 | 0.001 | 0.000 | 0.000 | 0.000 |
| 167598.815541962390 | 167598.82 | 3908726.79 | FENCEGRD | 0.031 | 0.029 | 0.027 | 0.026 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167577.917541962390 | 167577.92 | 3908739.87 | FENCEGRD | 0.028 | 0.026 | 0.025 | 0.023 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167679.157734928390 | 167679.16 | 3908634.27 | FENCEGRD | 0.040 | 0.038 | 0.036 | 0.034 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167702.441042403390 | 167702.44 | 3908636.48 | FENCEGRD | 0.047 | 0.044 | 0.042 | 0.039 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167725.724349878390 | 167725.72 | 3908638.68 | FENCEGRD | 0.054 | 0.052 | 0.048 | 0.046 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.0 |

0<2 Cancer Risk

| XY | X | Y | REC TYPE | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167978.262327821390 | 167978.26 | 3908775.95 | FENCEGRD | 0.147 | 0.146 | 0.146 | 0.145 | 0.007 | 0.054 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167982.203308459390 | 167982.20 | 3908799.00 | FENCEGRD | 0.153 | 0.153 | 0.154 | 0.154 | 0.007 | 0.049 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167986.144289097390 | 167986.14 | 3908822.05 | FENCEGRD | 0.155 | 0.157 | 0.159 | 0.160 | 0.007 | 0.045 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167990.085269735390 | 167990.09 | 3908845.10 | FENCEGRD | 0.156 | 0.158 | 0.161 | 0.164 | 0.007 | 0.041 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167994.026250373390 | 167994.03 | 3908868.16 | FENCEGRD | 0.153 | 0.157 | 0.161 | 0.164 | 0.008 | 0.037 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167997.967231011390 | 167997.97 | 3908891.21 | FENCEGRD | 0.148 | 0.152 | 0.158 | 0.162 | 0.008 | 0.034 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168001.908211649390 | 168001.91 | 3908914.26 | FENCEGRD | 0.139 | 0.144 | 0.151 | 0.156 | 0.008 | 0.030 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168005.849192287390 | 168005.85 | 3908937.31 | FENCEGRD | 0.126 | 0.133 | 0.140 | 0.146 | 0.008 | 0.027 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167655.874427453390 | 167655.87 | 3908632.07 | FENCEGRD | 0.034 | 0.033 | 0.031 | 0.029 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167634.976427453390 | 167634.98 | 3908645.16 | FENCEGRD | 0.032 | 0.030 | 0.028 | 0.027 | 0.002 | 0.007 | 0.001 | 0.000 | 0.000 | 0.000 |
| 167614.078427453390 | 167614.08 | 3908658.24 | FENCEGRD | 0.029 | 0.028 | 0.026 | 0.025 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167593.180427453390 | 167593.18 | 3908671.33 | FENCEGRD | 0.027 | 0.025 | 0.024 | 0.023 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167572.282427453390 | 167572.28 | 3908684.41 | FENCEGRD | 0.024 | 0.023 | 0.022 | 0.021 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167551.384427453390 | 167551.38 | 3908697.49 | FENCEGRD | 0.022 | 0.021 | 0.020 | 0.019 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167653.555952718390 | 167653.56 | 3908591.98 | FENCEGRD | 0.031 | 0.029 | 0.028 | 0.027 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.000 |
| 167677.770592492390 | 167677.77 | 3908594.27 | FENCEGRD | 0.036 | 0.034 | 0.032 | 0.030 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167701.985232266390 | 167701.99 | 3908596.56 | FENCEGRD | 0.041 | 0.039 | 0.037 | 0.035 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167726.199872043908 | 167726.20 | 3908598.85 | FENCEGRD | 0.048 | 0.046 | 0.043 | 0.041 | 0.002 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167750.414511815390 | 167750.41 | 3908601.14 | FENCEGRD | 0.052 | 0.050 | 0.048 | 0.047 | 0.003 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167774.629151589390 | 167774.63 | 3908603.43 | FENCEGRD | 0.056 | 0.054 | 0.052 | 0.050 | 0.003 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167798.843791363390 | 167798.84 | 3908605.72 | FENCEGRD | 0.060 | 0.058 | 0.056 | 0.054 | 0.003 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167823.058431138390 | 167823.06 | 3908608.00 | FENCEGRD | 0.065 | 0.063 | 0.061 | 0.059 | 0.003 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167847.273070912390 | 167847.27 | 3908610.29 | FENCEGRD | 0.070 | 0.068 | 0.066 | 0.064 | 0.003 | 0.028 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167871.487710686390 | 167871.49 | 3908612.58 | FENCEGRD | 0.074 | 0.073 | 0.071 | 0.069 | 0.004 | 0.031 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167895.702350461390 | 167895.70 | 3908614.87 | FENCEGRD | 0.078 | 0.076 | 0.075 | 0.073 | 0.004 | 0.034 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167919.916990235390 | 167919.92 | 3908617.16 | FENCEGRD | 0.081 | 0.080 | 0.078 | 0.077 | 0.004 | 0.037 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167944.131630009390 | 167944.13 | 3908619.45 | FENCEGRD | 0.083 | 0.082 | 0.081 | 0.080 | 0.004 | 0.040 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167968.346269784390 | 167968.35 | 3908621.74 | FENCEGRD | 0.088 | 0.086 | 0.085 | 0.084 | 0.004 | 0.043 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167996.659529421390 | 167996.66 | 3908648.00 | FENCEGRD | 0.103 | 0.101 | 0.100 | 0.099 | 0.005 | 0.051 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168000.758149285390 | 168000.76 | 3908671.98 | FENCEGRD | 0.112 | 0.110 | 0.109 | 0.108 | 0.006 | 0.055 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168004.856769148390 | 168004.86 | 3908695.95 | FENCEGRD | 0.120 | 0.119 | 0.118 | 0.117 | 0.006 | 0.056 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168008.955389012390 | 168008.96 | 3908719.92 | FENCEGRD | 0.128 | 0.127 | 0.126 | 0.125 | 0.006 | 0.055 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168013.054008875390 | 168013.05 | 3908743.90 | FENCEGRD | 0.134 | 0.134 | 0.133 | 0.133 | 0.006 | 0.053 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168017.152628739390 | 168017.15 | 3908767.87 | FENCEGRD | 0.140 | 0.141 | 0.141 | 0.141 | 0.007 | 0.049 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168021.251248602390 | 168021.25 | 3908791.85 | FENCEGRD | 0.144 | 0.146 | 0.147 | 0.148 | 0.007 | 0.046 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168025.349868465390 | 168025.35 | 3908815.82 | FENCEGRD | 0.145 | 0.148 | 0.150 | 0.152 | 0.007 | 0.042 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168029.448488329390 | 168029.45 | 3908839.80 | FENCEGRD | 0.144 | 0.147 | 0.150 | 0.153 | 0.008 | 0.038 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168033.547108192390 | 168033.55 | 3908863.77 | FENCEGRD | 0.139 | 0.143 | 0.148 | 0.151 | 0.008 | 0.034 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168037.645728056390 | 168037.65 | 3908887.75 | FENCEGRD | 0.132 | 0.137 | 0.142 | 0.146 | 0.008 | 0.030 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168041.744347919390 | 168041.74 | 3908911.72 | FENCEGRD | 0.121 | 0.127 | 0.132 | 0.138 | 0.008 | 0.027 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168045.842967783390 | 168045.84 | 3908935.70 | FENCEGRD | 0.108 | 0.113 | 0.120 | 0.125 | 0.008 | 0.024 | 0.002 | 0.002 | 0.003 | 0.003 |
| 168049.941587646390 | 168049.94 | 3908959.67 | FENCEGRD | 0.093 | 0.098 | 0.104 | 0.110 | 0.008 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167629.341312943390 | 167629.34 | 3908589.69 | FENCEGRD | 0.027 | 0.026 | 0.025 | 0.024 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167608.443312943390 | 167608.44 | 3908602.78 | FENCEGRD | 0.025 | 0.024 | 0.023 | 0.022 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167587.545312943390 | 167587.55 | 3908615.86 | FENCEGRD | 0.024 | 0.023 | 0.022 | 0.021 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167566.647312943390 | 167566.65 | 3908628.95 | FENCEGRD | 0.022 | 0.021 | 0.020 | 0.019 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167545.749312943390 | 167545.75 | 3908642.03 | FENCEGRD | 0.020 | 0.019 | 0.018 | 0.017 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167524.851312943390 | 167524.85 | 3908655.11 | FENCEGRD | 0.018 | 0.017 | 0.016 | 0.016 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167600.489723699390 | 167600.49 | 3908507.23 | FENCEGRD | 0.021 | 0.021 | 0.020 | 0.019 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167624.704363473390 | 167624.70 | 3908509.51 | FENCEGRD | 0.023 | 0.022 | 0.021 | 0.021 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167648.919003247390 | 167648.92 | 3908511.80 | FENCEGRD | 0.025 | 0.024 | 0.023 | 0.023 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167673.133643022390 | 167673.13 | 3908514.09 | FENCEGRD | 0.028 | 0.027 | 0.026 | 0.025 | 0.002 | 0.008 | 0.001 | 0.001 | 0.000 | 0.000 |
| 167697.348282796390 | 167697.35 | 3908516.38 | FENCEGRD | 0.032 | 0.030 | 0.029 | 0.028 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167721.562922573908 | 167721.56 | 3908518.67 | FENCEGRD | 0.036 | 0.034 | 0.033 | 0.031 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167745.777562345390 | 167745.78 | 3908520.96 | FENCEGRD | 0.040 | 0.039 | 0.037 | 0.036 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167769.992202119390 | 167769.99 | 3908523.25 | FENCEGRD | 0.042 | 0.041 | 0.039 | 0.038 | 0.002 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167794.206841893390 | 167794.21 | 3908525.54 | FENCEGRD | 0.045 | 0.043 | 0.042 | 0.041 | 0.003 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167818.421481668390 | 167818.42 | 3908527.82 | FENCEGRD | 0.049 | 0.047 | 0.046 | 0.045 | 0.003 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167842.636121442390 | 167842.64 | 3908530.11 | FENCEGRD | 0.053 | 0.052 | 0.050 | 0.049 | 0.003 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167866.850761216390 | 167866.85 | 3908532.40 | FENCEGRD | 0.057 | 0.055 | 0.054 | 0.053 | 0.003 | 0.023 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167891.065400991390 | 167891.07 | 3908534.69 | FENCEGRD | 0.060 | 0.059 | 0.058 | 0.057 | 0.003 | 0.026 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167915.280040765390 | 167915.28 | 3908536.98 | FENCEGRD | 0.063 | 0.062 | 0.061 | 0.060 | 0.003 | 0.028 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167939.494680539390 | 167939.49 | 3908539.27 | FENCEGRD | 0.066 | 0.065 | 0.064 | 0.063 | 0.004 | 0.030 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167963.709320314390 | 167963.71 | 3908541.56 | FENCEGRD | 0.069 | 0.068 | 0.067 | 0.066 | 0.004 | 0.032 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167987.923960088390 | 167987.92 | 3908543.84 | FENCEGRD | 0.072 | 0.071 | 0.070 | 0.069 | 0.004 | 0.035 | 0.002 | 0.002 | 0.001 | 0.001 |
| 168012.138599862390 | 168012.14 | 3908546.13 | FENCEGRD | 0.076 | 0.076 | 0.075 | 0.073 | 0.004 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168036.353239637390 | 168036.35 | 3908548.42 | FENCEGRD | 0.079 | 0.077 | 0.075 | 0.074 | 0.004 | 0.042 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168064.666499274390 | 168064.67 | 3908574.69 | FENCEGRD | 0.086 | 0.085 | 0.083 | 0.082 | 0.005 | 0.046 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168068.765119138390 | 168068.77 | 3908598.66 | FENCEGRD | 0.092 | 0.091 | 0.090 | 0.089 | 0.005 | 0.048 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168072.863739001390 | 168072.86 | 3908622.64 | FENCEGRD | 0.098 | 0.097 | 0.097 | 0.095 | 0.005 | 0.050 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168076.962358865390 | 168076.96 | 3908646.61 | FENCEGRD | 0.105 | 0.104 | 0.103 | 0.102 | 0.006 | 0.051 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168081.060978728390 | 168081.06 | 3908670.58 | FENCEGRD | 0.111 | 0.110 | 0.110 | 0.109 | 0.006 | 0.051 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168085.159598592390 | 168085.16 | 3908694.56 | FENCEGRD | 0.115 | 0.115 | 0.115 | 0.115 | 0.006 | 0 | | | | |

0<2 Cancer Risk

| | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168130.244417089390 | 168130.24 | 3908958.28 | FENCEGRD | 0.069 | 0.072 | 0.076 | 0.080 | 0.007 | 0.017 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168134.343036952390 | 168134.34 | 3908982.26 | FENCEGRD | 0.060 | 0.063 | 0.066 | 0.069 | 0.006 | 0.015 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168138.441656816390 | 168138.44 | 3909006.23 | FENCEGRD | 0.052 | 0.054 | 0.057 | 0.060 | 0.006 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167576.275083924390 | 167576.28 | 3908504.94 | FENCEGRD | 0.020 | 0.019 | 0.018 | 0.018 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167555.377083924390 | 167555.38 | 3908518.02 | FENCEGRD | 0.019 | 0.018 | 0.017 | 0.017 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167534.479083924390 | 167534.48 | 3908531.10 | FENCEGRD | 0.018 | 0.017 | 0.016 | 0.016 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167513.581083924390 | 167513.58 | 3908544.19 | FENCEGRD | 0.016 | 0.016 | 0.015 | 0.014 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167492.683083924390 | 167492.68 | 3908557.27 | FENCEGRD | 0.015 | 0.014 | 0.014 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167471.785083924390 | 167471.79 | 3908570.36 | FENCEGRD | 0.014 | 0.013 | 0.013 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167547.423494683908 | 167547.42 | 3908422.47 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167571.638134454390 | 167571.64 | 3908424.76 | FENCEGRD | 0.016 | 0.016 | 0.016 | 0.016 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167595.852774228390 | 167595.85 | 3908427.04 | FENCEGRD | 0.018 | 0.018 | 0.018 | 0.017 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167620.067414003390 | 167620.07 | 3908429.33 | FENCEGRD | 0.019 | 0.019 | 0.019 | 0.019 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167644.282053777390 | 167644.28 | 3908431.62 | FENCEGRD | 0.021 | 0.021 | 0.021 | 0.020 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167668.496693551390 | 167668.50 | 3908433.91 | FENCEGRD | 0.023 | 0.023 | 0.022 | 0.022 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167692.711333325390 | 167692.71 | 3908436.20 | FENCEGRD | 0.026 | 0.025 | 0.024 | 0.023 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.000 |
| 167716.925973139084 | 167716.93 | 3908438.49 | FENCEGRD | 0.028 | 0.027 | 0.026 | 0.025 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167741.140612874390 | 167741.14 | 3908440.78 | FENCEGRD | 0.031 | 0.030 | 0.029 | 0.028 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167765.355252648390 | 167765.36 | 3908443.07 | FENCEGRD | 0.034 | 0.033 | 0.032 | 0.031 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167789.569892423390 | 167789.57 | 3908445.35 | FENCEGRD | 0.036 | 0.035 | 0.034 | 0.033 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167813.784532197390 | 167813.78 | 3908447.64 | FENCEGRD | 0.039 | 0.038 | 0.036 | 0.036 | 0.002 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167837.999171971390 | 167838.00 | 3908449.93 | FENCEGRD | 0.041 | 0.040 | 0.039 | 0.038 | 0.002 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167862.213811746390 | 167862.21 | 3908452.22 | FENCEGRD | 0.045 | 0.044 | 0.043 | 0.042 | 0.003 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167886.428451523908 | 167886.43 | 3908454.51 | FENCEGRD | 0.048 | 0.047 | 0.046 | 0.045 | 0.003 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167910.643091294390 | 167910.64 | 3908456.80 | FENCEGRD | 0.051 | 0.050 | 0.049 | 0.048 | 0.003 | 0.022 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167934.857731068390 | 167934.86 | 3908459.09 | FENCEGRD | 0.054 | 0.053 | 0.052 | 0.051 | 0.003 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167959.072370843390 | 167959.07 | 3908461.38 | FENCEGRD | 0.056 | 0.056 | 0.055 | 0.054 | 0.003 | 0.027 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167983.287010617390 | 167983.29 | 3908463.66 | FENCEGRD | 0.059 | 0.058 | 0.058 | 0.057 | 0.003 | 0.029 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168007.501650391390 | 168007.50 | 3908465.95 | FENCEGRD | 0.061 | 0.060 | 0.058 | 0.057 | 0.003 | 0.031 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168031.716290166390 | 168031.72 | 3908468.24 | FENCEGRD | 0.061 | 0.060 | 0.059 | 0.058 | 0.003 | 0.032 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168055.930929943908 | 168055.93 | 3908470.53 | FENCEGRD | 0.062 | 0.061 | 0.060 | 0.059 | 0.004 | 0.033 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168080.145569714390 | 168080.15 | 3908472.82 | FENCEGRD | 0.064 | 0.062 | 0.061 | 0.060 | 0.004 | 0.034 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168104.360209489390 | 168104.36 | 3908475.11 | FENCEGRD | 0.065 | 0.064 | 0.062 | 0.061 | 0.004 | 0.035 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168132.673469126390 | 168132.67 | 3908501.37 | FENCEGRD | 0.072 | 0.071 | 0.069 | 0.068 | 0.004 | 0.040 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168136.772088993908 | 168136.77 | 3908525.35 | FENCEGRD | 0.077 | 0.076 | 0.075 | 0.073 | 0.004 | 0.042 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168140.870708853390 | 168140.87 | 3908549.32 | FENCEGRD | 0.082 | 0.081 | 0.080 | 0.079 | 0.005 | 0.044 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168144.969328717390 | 168144.97 | 3908573.30 | FENCEGRD | 0.086 | 0.086 | 0.085 | 0.083 | 0.005 | 0.046 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168149.067948583908 | 168149.07 | 3908597.27 | FENCEGRD | 0.091 | 0.091 | 0.090 | 0.089 | 0.005 | 0.046 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168153.166568444390 | 168153.17 | 3908621.24 | FENCEGRD | 0.095 | 0.094 | 0.094 | 0.094 | 0.006 | 0.044 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168157.265188307390 | 168157.27 | 3908645.22 | FENCEGRD | 0.098 | 0.098 | 0.098 | 0.098 | 0.006 | 0.043 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168161.363808171390 | 168161.36 | 3908669.19 | FENCEGRD | 0.101 | 0.101 | 0.102 | 0.102 | 0.006 | 0.042 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168165.462428034390 | 168165.46 | 3908693.17 | FENCEGRD | 0.102 | 0.103 | 0.104 | 0.105 | 0.006 | 0.040 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168169.561047897390 | 168169.56 | 3908717.14 | FENCEGRD | 0.102 | 0.103 | 0.105 | 0.106 | 0.006 | 0.037 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168173.659667761390 | 168173.66 | 3908741.12 | FENCEGRD | 0.100 | 0.102 | 0.104 | 0.106 | 0.006 | 0.034 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168177.758287624390 | 168177.76 | 3908765.09 | FENCEGRD | 0.099 | 0.101 | 0.104 | 0.105 | 0.006 | 0.032 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168181.856907488390 | 168181.86 | 3908789.07 | FENCEGRD | 0.098 | 0.100 | 0.103 | 0.105 | 0.007 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168185.955527351390 | 168185.96 | 3908813.04 | FENCEGRD | 0.094 | 0.097 | 0.100 | 0.102 | 0.007 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168190.054147215390 | 168190.05 | 3908837.02 | FENCEGRD | 0.088 | 0.091 | 0.095 | 0.098 | 0.007 | 0.024 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168194.152767078390 | 168194.15 | 3908860.99 | FENCEGRD | 0.082 | 0.085 | 0.089 | 0.092 | 0.006 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168198.251386942390 | 168198.25 | 3908884.97 | FENCEGRD | 0.075 | 0.078 | 0.082 | 0.085 | 0.006 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168202.350006805390 | 168202.35 | 3908908.94 | FENCEGRD | 0.066 | 0.069 | 0.072 | 0.076 | 0.006 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168206.448626668390 | 168206.45 | 3908932.92 | FENCEGRD | 0.058 | 0.060 | 0.063 | 0.066 | 0.006 | 0.016 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168210.547246532390 | 168210.55 | 3908956.89 | FENCEGRD | 0.051 | 0.053 | 0.056 | 0.059 | 0.005 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168214.645866395390 | 168214.65 | 3908980.87 | FENCEGRD | 0.046 | 0.048 | 0.050 | 0.052 | 0.005 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168218.744486259390 | 168218.74 | 3909004.84 | FENCEGRD | 0.041 | 0.043 | 0.045 | 0.047 | 0.005 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168222.843106122390 | 168222.84 | 3909028.82 | FENCEGRD | 0.037 | 0.038 | 0.040 | 0.042 | 0.004 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168226.941725986390 | 168226.94 | 3909052.79 | FENCEGRD | 0.032 | 0.034 | 0.035 | 0.037 | 0.004 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167523.208854905390 | 167523.21 | 3908420.18 | FENCEGRD | 0.014 | 0.014 | 0.013 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167502.310854905390 | 167502.31 | 3908433.26 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167481.412854905390 | 167481.41 | 3908446.35 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167460.514854905390 | 167460.51 | 3908459.43 | FENCEGRD | 0.013 | 0.013 | 0.012 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167439.616854905390 | 167439.62 | 3908472.51 | FENCEGRD | 0.012 | 0.012 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167418.718854905390 | 167418.72 | 3908485.60 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167494.357265661390 | 167494.36 | 3908337.71 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167518.571905435390 | 167518.57 | 3908340.00 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167542.786545209390 | 167542.79 | 3908342.29 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167567.001184984390 | 167567.00 | 3908344.57 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167591.215824758390 | 167591.22 | 3908346.86 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167615.430464532390 | 167615.43 | 3908349.15 | FENCEGRD | 0.014 | 0.014 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167639.645104307390 | 167639.65 | 3908351.44 | FENCEGRD | 0.015 | 0.015 | 0.014 | 0.014 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167663.859744081390 | 167663.86 | 3908353.73 | FENCEGRD | 0.016 | 0.016 | 0.016 | 0.015 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167688.074383855390 | 167688.07 | 3908356.02 | FENCEGRD | 0.018 | 0.017 | 0.017 | 0.017 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167712.289023633908 | 167712.29 | 3908358.31 | FENCEGRD | 0.020 | 0.019 | 0.019 | 0.019 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000</ | |

0<2 Cancer Risk

| XY | X | Y | REC TYPE | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167978.650061147390 | 167978.65 | 3908383.48 | FENCEGRD | 0.048 | 0.047 | 0.046 | 0.045 | 0.003 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168002.864700921390 | 168002.86 | 3908385.77 | FENCEGRD | 0.049 | 0.048 | 0.046 | 0.045 | 0.003 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168027.079340696390 | 168027.08 | 3908388.06 | FENCEGRD | 0.049 | 0.048 | 0.047 | 0.046 | 0.003 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168051.293980473908 | 168051.29 | 3908390.35 | FENCEGRD | 0.050 | 0.049 | 0.048 | 0.047 | 0.003 | 0.026 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168075.508620244390 | 168075.51 | 3908392.64 | FENCEGRD | 0.051 | 0.050 | 0.049 | 0.048 | 0.003 | 0.027 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168099.723260019390 | 168099.72 | 3908394.93 | FENCEGRD | 0.052 | 0.051 | 0.050 | 0.049 | 0.003 | 0.028 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168123.937899793390 | 168123.94 | 3908397.22 | FENCEGRD | 0.054 | 0.053 | 0.052 | 0.051 | 0.003 | 0.029 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168148.152539567390 | 168148.15 | 3908399.50 | FENCEGRD | 0.055 | 0.054 | 0.053 | 0.052 | 0.003 | 0.031 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168172.367179342390 | 168172.37 | 3908401.79 | FENCEGRD | 0.057 | 0.056 | 0.055 | 0.054 | 0.004 | 0.032 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168200.680438979390 | 168200.68 | 3908428.06 | FENCEGRD | 0.061 | 0.060 | 0.060 | 0.059 | 0.004 | 0.035 | 0.002 | 0.002 | 0.001 | 0.001 |
| 168204.779058843390 | 168204.78 | 3908452.03 | FENCEGRD | 0.065 | 0.064 | 0.063 | 0.062 | 0.004 | 0.037 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168208.877678706390 | 168208.88 | 3908476.01 | FENCEGRD | 0.069 | 0.068 | 0.067 | 0.066 | 0.004 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168212.976298573908 | 168212.98 | 3908499.98 | FENCEGRD | 0.072 | 0.072 | 0.071 | 0.071 | 0.005 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168217.074918433390 | 168217.07 | 3908523.96 | FENCEGRD | 0.076 | 0.075 | 0.075 | 0.075 | 0.005 | 0.040 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168221.173538297390 | 168221.17 | 3908547.93 | FENCEGRD | 0.079 | 0.079 | 0.078 | 0.078 | 0.005 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168225.272158163908 | 168225.27 | 3908571.90 | FENCEGRD | 0.082 | 0.082 | 0.082 | 0.082 | 0.005 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168229.370778023390 | 168229.37 | 3908595.88 | FENCEGRD | 0.085 | 0.085 | 0.085 | 0.085 | 0.005 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168233.469397887390 | 168233.47 | 3908619.85 | FENCEGRD | 0.087 | 0.087 | 0.088 | 0.088 | 0.006 | 0.038 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168237.568017753908 | 168237.57 | 3908643.83 | FENCEGRD | 0.088 | 0.089 | 0.090 | 0.091 | 0.006 | 0.037 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168241.666637614390 | 168241.67 | 3908667.80 | FENCEGRD | 0.089 | 0.090 | 0.091 | 0.092 | 0.006 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168245.765257477390 | 168245.77 | 3908691.78 | FENCEGRD | 0.089 | 0.090 | 0.092 | 0.093 | 0.006 | 0.034 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168249.863877341390 | 168249.86 | 3908715.75 | FENCEGRD | 0.088 | 0.090 | 0.092 | 0.093 | 0.006 | 0.031 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168253.962497204390 | 168253.96 | 3908739.73 | FENCEGRD | 0.086 | 0.087 | 0.089 | 0.091 | 0.006 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168258.061117067390 | 168258.06 | 3908763.70 | FENCEGRD | 0.081 | 0.083 | 0.085 | 0.087 | 0.006 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168262.159736931390 | 168262.16 | 3908787.68 | FENCEGRD | 0.076 | 0.078 | 0.081 | 0.083 | 0.006 | 0.024 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168266.258356794390 | 168266.26 | 3908811.65 | FENCEGRD | 0.071 | 0.073 | 0.076 | 0.078 | 0.006 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168270.356976658390 | 168270.36 | 3908835.63 | FENCEGRD | 0.065 | 0.067 | 0.070 | 0.073 | 0.006 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168274.455596521390 | 168274.46 | 3908859.60 | FENCEGRD | 0.059 | 0.061 | 0.064 | 0.066 | 0.005 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168278.554216385390 | 168278.55 | 3908883.58 | FENCEGRD | 0.053 | 0.055 | 0.058 | 0.060 | 0.005 | 0.016 | 0.001 | 0.001 | 0.001 | 0.002 |
| 168282.652836248390 | 168282.65 | 3908907.55 | FENCEGRD | 0.048 | 0.050 | 0.053 | 0.055 | 0.005 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168286.751456111390 | 168286.75 | 3908931.53 | FENCEGRD | 0.043 | 0.045 | 0.047 | 0.049 | 0.005 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168290.850075975390 | 168290.85 | 3908955.50 | FENCEGRD | 0.038 | 0.040 | 0.042 | 0.043 | 0.004 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168294.948695838390 | 168294.95 | 3908979.48 | FENCEGRD | 0.035 | 0.036 | 0.038 | 0.039 | 0.004 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168299.047315702390 | 168299.05 | 3909003.45 | FENCEGRD | 0.031 | 0.032 | 0.034 | 0.035 | 0.004 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168303.145935565390 | 168303.15 | 3909027.42 | FENCEGRD | 0.028 | 0.029 | 0.030 | 0.031 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168307.244555429390 | 168307.24 | 3909051.40 | FENCEGRD | 0.025 | 0.026 | 0.027 | 0.028 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168311.343175292390 | 168311.34 | 3909075.37 | FENCEGRD | 0.022 | 0.023 | 0.024 | 0.025 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168315.441795156390 | 168315.44 | 3909099.35 | FENCEGRD | 0.020 | 0.021 | 0.021 | 0.022 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167470.142625886390 | 167470.14 | 3908335.42 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167449.244625886390 | 167449.24 | 3908348.50 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167428.346625886390 | 167428.35 | 3908361.59 | FENCEGRD | 0.008 | 0.008 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167407.448625886390 | 167407.45 | 3908374.67 | FENCEGRD | 0.008 | 0.008 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167386.550625886390 | 167386.55 | 3908387.76 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167365.652625886390 | 167365.65 | 3908400.84 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167441.291036642390 | 167441.29 | 3908252.95 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167465.505676416390 | 167465.51 | 3908255.24 | FENCEGRD | 0.007 | 0.007 | 0.006 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167489.720316193908 | 167489.72 | 3908257.53 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167513.934955965390 | 167513.93 | 3908259.82 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167538.149595739390 | 167538.15 | 3908262.11 | FENCEGRD | 0.010 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167562.364235513390 | 167562.36 | 3908264.39 | FENCEGRD | 0.011 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167586.578875288390 | 167586.58 | 3908266.68 | FENCEGRD | 0.012 | 0.011 | 0.011 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167610.793515062390 | 167610.79 | 3908268.97 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167635.008154836390 | 167635.01 | 3908271.26 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167659.222794611390 | 167659.22 | 3908273.55 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.014 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167683.437434385390 | 167683.44 | 3908275.84 | FENCEGRD | 0.016 | 0.015 | 0.015 | 0.015 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167707.652074159390 | 167707.65 | 3908278.13 | FENCEGRD | 0.017 | 0.017 | 0.016 | 0.016 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167731.866713934390 | 167731.87 | 3908280.41 | FENCEGRD | 0.018 | 0.018 | 0.018 | 0.017 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167756.081353708390 | 167756.08 | 3908282.70 | FENCEGRD | 0.020 | 0.020 | 0.019 | 0.019 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167780.295993482390 | 167780.30 | 3908284.99 | FENCEGRD | 0.022 | 0.022 | 0.021 | 0.021 | 0.002 | 0.008 | 0.001 | 0.000 | 0.000 | 0.000 |
| 167804.510633257390 | 167804.51 | 3908287.28 | FENCEGRD | 0.024 | 0.024 | 0.023 | 0.023 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167828.725273031390 | 167828.73 | 3908289.57 | FENCEGRD | 0.026 | 0.026 | 0.025 | 0.025 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167852.939912805390 | 167852.94 | 3908291.86 | FENCEGRD | 0.028 | 0.028 | 0.027 | 0.026 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167877.154552583908 | 167877.15 | 3908294.15 | FENCEGRD | 0.030 | 0.030 | 0.029 | 0.028 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167901.369192354390 | 167901.37 | 3908296.44 | FENCEGRD | 0.032 | 0.032 | 0.031 | 0.030 | 0.002 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167925.583832128390 | 167925.58 | 3908298.72 | FENCEGRD | 0.034 | 0.034 | 0.033 | 0.032 | 0.002 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167949.798471903390 | 167949.80 | 3908301.01 | FENCEGRD | 0.037 | 0.036 | 0.036 | 0.035 | 0.002 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167974.013111677390 | 167974.01 | 3908303.30 | FENCEGRD | 0.039 | 0.038 | 0.037 | 0.036 | 0.002 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167998.227751451390 | 167998.23 | 3908305.59 | FENCEGRD | 0.039 | 0.038 | 0.037 | 0.037 | 0.002 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168022.442391225390 | 168022.44 | 3908307.88 | FENCEGRD | 0.040 | 0.039 | 0.038 | 0.037 | 0.003 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168046.657031390830 | 168046.66 | 3908310.17 | FENCEGRD | 0.041 | 0.040 | 0.039 | 0.039 | 0.003 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168070.871670774390 | 168070.87 | 3908312.46 | FENCEGRD | 0.042 | 0.042 | 0.041 | 0.040 | 0.003 | 0.022 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168095.086310548390 | 168095.09 | 3908314.75 | FENCEGRD | 0.043 | 0.042 | 0.042 | 0.041 | 0.003 | 0.023 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168119.300950323390 | 168119.30 | 3908317.03 | FENCEGRD | 0.044 | 0.043 | 0.04 | | | | | | | |

0<2 Cancer Risk

| | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168289.180508149390 | 168289.18 | 3908474.62 | FENCEGRD | 0.067 | 0.067 | 0.067 | 0.066 | 0.005 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168293.279128013390 | 168293.28 | 3908498.59 | FENCEGRD | 0.070 | 0.070 | 0.070 | 0.070 | 0.005 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168297.377747876390 | 168297.38 | 3908522.56 | FENCEGRD | 0.072 | 0.072 | 0.072 | 0.072 | 0.005 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168301.476367743908 | 168301.48 | 3908546.54 | FENCEGRD | 0.074 | 0.074 | 0.074 | 0.075 | 0.005 | 0.035 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168305.574987603390 | 168305.57 | 3908570.51 | FENCEGRD | 0.075 | 0.076 | 0.076 | 0.077 | 0.005 | 0.035 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168309.673607466390 | 168309.67 | 3908594.49 | FENCEGRD | 0.076 | 0.077 | 0.078 | 0.078 | 0.005 | 0.034 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168313.772227333908 | 168313.77 | 3908618.46 | FENCEGRD | 0.077 | 0.078 | 0.079 | 0.079 | 0.005 | 0.033 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168317.870847193390 | 168317.87 | 3908642.44 | FENCEGRD | 0.076 | 0.077 | 0.079 | 0.080 | 0.005 | 0.031 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168321.969467057390 | 168321.97 | 3908666.41 | FENCEGRD | 0.075 | 0.076 | 0.078 | 0.079 | 0.005 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168326.068086923908 | 168326.07 | 3908690.39 | FENCEGRD | 0.072 | 0.074 | 0.075 | 0.077 | 0.005 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168330.166706784390 | 168330.17 | 3908714.36 | FENCEGRD | 0.070 | 0.071 | 0.073 | 0.075 | 0.005 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168334.265326647390 | 168334.27 | 3908738.34 | FENCEGRD | 0.066 | 0.068 | 0.070 | 0.071 | 0.005 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168338.363946511390 | 168338.36 | 3908762.31 | FENCEGRD | 0.060 | 0.062 | 0.064 | 0.066 | 0.005 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168342.462566374390 | 168342.46 | 3908786.29 | FENCEGRD | 0.054 | 0.056 | 0.058 | 0.060 | 0.005 | 0.019 | 0.001 | 0.001 | 0.002 | 0.002 |
| 168346.561186237390 | 168346.56 | 3908810.26 | FENCEGRD | 0.050 | 0.052 | 0.054 | 0.056 | 0.005 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168350.659806101390 | 168350.66 | 3908834.24 | FENCEGRD | 0.046 | 0.048 | 0.050 | 0.052 | 0.005 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168354.758425964390 | 168354.76 | 3908858.21 | FENCEGRD | 0.042 | 0.044 | 0.046 | 0.048 | 0.004 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168358.857045828390 | 168358.86 | 3908882.19 | FENCEGRD | 0.039 | 0.040 | 0.042 | 0.044 | 0.004 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168362.955665691390 | 168362.96 | 3908906.16 | FENCEGRD | 0.036 | 0.037 | 0.039 | 0.040 | 0.004 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168367.054285555390 | 168367.05 | 3908930.14 | FENCEGRD | 0.033 | 0.034 | 0.035 | 0.037 | 0.004 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168371.152905418390 | 168371.15 | 3908954.11 | FENCEGRD | 0.030 | 0.031 | 0.032 | 0.033 | 0.004 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168375.251525281390 | 168375.25 | 3908978.08 | FENCEGRD | 0.027 | 0.028 | 0.029 | 0.030 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168379.350145145390 | 168379.35 | 3909002.06 | FENCEGRD | 0.024 | 0.025 | 0.026 | 0.027 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168383.448765008390 | 168383.45 | 3909026.03 | FENCEGRD | 0.021 | 0.022 | 0.023 | 0.024 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168387.547384872390 | 168387.55 | 3909050.01 | FENCEGRD | 0.019 | 0.020 | 0.020 | 0.021 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168391.646004735390 | 168391.65 | 3909073.98 | FENCEGRD | 0.017 | 0.017 | 0.018 | 0.019 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168395.744624599390 | 168395.74 | 3909097.96 | FENCEGRD | 0.015 | 0.016 | 0.016 | 0.017 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168399.843244462390 | 168399.84 | 3909121.93 | FENCEGRD | 0.014 | 0.014 | 0.015 | 0.015 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168403.941864325390 | 168403.94 | 3909145.91 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.014 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167417.076396867390 | 167417.08 | 3908250.66 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167396.178396867390 | 167396.18 | 3908263.75 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167375.280396867390 | 167375.28 | 3908276.83 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167354.382396867390 | 167354.38 | 3908289.91 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167333.484396867390 | 167333.48 | 3908303.00 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167312.586396867390 | 167312.59 | 3908316.08 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167640.127983382390 | 167640.13 | 3908885.50 | FENCEGRD | 0.069 | 0.062 | 0.056 | 0.051 | 0.003 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167628.894347019390 | 167628.89 | 3908906.15 | FENCEGRD | 0.064 | 0.058 | 0.052 | 0.047 | 0.003 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167617.660710655390 | 167617.66 | 3908926.80 | FENCEGRD | 0.058 | 0.052 | 0.046 | 0.042 | 0.003 | 0.029 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167618.166975073390 | 167618.17 | 3908873.55 | FENCEGRD | 0.051 | 0.047 | 0.043 | 0.040 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167606.933338713908 | 167606.93 | 3908894.20 | FENCEGRD | 0.047 | 0.043 | 0.039 | 0.036 | 0.002 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167595.699702346390 | 167595.70 | 3908914.85 | FENCEGRD | 0.041 | 0.038 | 0.034 | 0.032 | 0.002 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167584.466065983390 | 167584.47 | 3908935.50 | FENCEGRD | 0.035 | 0.031 | 0.028 | 0.026 | 0.002 | 0.025 | 0.001 | 0.001 | 0.000 | 0.000 |
| 167573.232429619390 | 167573.23 | 3908956.15 | FENCEGRD | 0.027 | 0.025 | 0.023 | 0.021 | 0.002 | 0.028 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167607.798568173908 | 167607.80 | 3908849.28 | FENCEGRD | 0.043 | 0.040 | 0.037 | 0.034 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167584.972330401390 | 167584.97 | 3908882.26 | FENCEGRD | 0.036 | 0.033 | 0.030 | 0.028 | 0.002 | 0.013 | 0.001 | 0.000 | 0.000 | 0.000 |
| 167573.738694037390 | 167573.74 | 3908902.91 | FENCEGRD | 0.031 | 0.029 | 0.027 | 0.025 | 0.002 | 0.016 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167562.505057674390 | 167562.51 | 3908923.56 | FENCEGRD | 0.026 | 0.025 | 0.023 | 0.022 | 0.002 | 0.019 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167551.271421313908 | 167551.27 | 3908944.21 | FENCEGRD | 0.021 | 0.020 | 0.019 | 0.018 | 0.002 | 0.022 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167540.037784946390 | 167540.04 | 3908964.86 | FENCEGRD | 0.017 | 0.017 | 0.016 | 0.016 | 0.001 | 0.025 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167528.804148583390 | 167528.80 | 3908985.51 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.015 | 0.001 | 0.027 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167517.570512219390 | 167517.57 | 3909006.16 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.015 | 0.001 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167506.336875855390 | 167506.34 | 3909026.81 | FENCEGRD | 0.014 | 0.015 | 0.015 | 0.015 | 0.001 | 0.032 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167495.103239492390 | 167495.10 | 3909047.46 | FENCEGRD | 0.015 | 0.015 | 0.016 | 0.016 | 0.001 | 0.034 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167565.325626728390 | 167565.33 | 3908823.85 | FENCEGRD | 0.028 | 0.026 | 0.025 | 0.023 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167541.050313783390 | 167541.05 | 3908858.36 | FENCEGRD | 0.023 | 0.022 | 0.020 | 0.019 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167529.816677423908 | 167529.82 | 3908879.01 | FENCEGRD | 0.021 | 0.020 | 0.019 | 0.018 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167518.583041056390 | 167518.58 | 3908899.66 | FENCEGRD | 0.018 | 0.018 | 0.017 | 0.016 | 0.001 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167507.349404692390 | 167507.35 | 3908920.32 | FENCEGRD | 0.017 | 0.016 | 0.016 | 0.015 | 0.001 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167496.115768329390 | 167496.12 | 3908940.97 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.015 | 0.001 | 0.017 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167484.882131965390 | 167484.88 | 3908961.62 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.015 | 0.001 | 0.019 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167473.648495601390 | 167473.65 | 3908982.27 | FENCEGRD | 0.015 | 0.015 | 0.016 | 0.016 | 0.001 | 0.022 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167462.414859238390 | 167462.41 | 3909002.92 | FENCEGRD | 0.016 | 0.016 | 0.016 | 0.016 | 0.001 | 0.024 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167451.181222874390 | 167451.18 | 3909023.57 | FENCEGRD | 0.017 | 0.017 | 0.018 | 0.018 | 0.001 | 0.027 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167439.947586511390 | 167439.95 | 3909044.22 | FENCEGRD | 0.020 | 0.020 | 0.020 | 0.020 | 0.001 | 0.029 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167522.273055216390 | 167522.27 | 3908799.03 | FENCEGRD | 0.020 | 0.019 | 0.018 | 0.017 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167550.095298589390 | 167550.10 | 3908769.45 | FENCEGRD | 0.024 | 0.022 | 0.021 | 0.020 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167497.128297166390 | 167497.13 | 3908834.47 | FENCEGRD | 0.017 | 0.016 | 0.015 | 0.015 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167485.894660802390 | 167485.89 | 3908855.12 | FENCEGRD | 0.016 | 0.015 | 0.014 | 0.014 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167474.661024438390 | 167474.66 | 3908875.77 | FENCEGRD | 0.015 | 0.014 | 0.014 | 0.013 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167463.427388075390 | 167463.43 | 3908896.42 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.013 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167452.193751711390 | 167452.19 | 3908917.07 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.014 | 0.001 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167440.960115347390 | 167440.96 | 3908937.73 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.015 | 0.001 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167429.726478984390 | 167429.73 | 3908958.38 | FENCEGRD | 0.016 | 0.016 | 0.016 | 0.015 | 0.001 | 0.016 | | | | |

0<2 Cancer Risk

| XY | X | Y | REC TYPE | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167408.271735093390 | 167408.27 | 3908893.18 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167397.038098733908 | 167397.04 | 3908913.83 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.013 | 0.000 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167385.804462366390 | 167385.80 | 3908934.48 | FENCEGRD | 0.015 | 0.015 | 0.014 | 0.014 | 0.000 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167374.570826002390 | 167374.57 | 3908955.13 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.015 | 0.000 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167363.337189639390 | 167363.34 | 3908975.79 | FENCEGRD | 0.017 | 0.016 | 0.016 | 0.016 | 0.000 | 0.016 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167352.103553275390 | 167352.10 | 3908996.44 | FENCEGRD | 0.019 | 0.018 | 0.018 | 0.018 | 0.000 | 0.018 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167340.869916911390 | 167340.87 | 3909017.09 | FENCEGRD | 0.022 | 0.021 | 0.021 | 0.020 | 0.000 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167435.422673529390 | 167435.42 | 3908750.19 | FENCEGRD | 0.012 | 0.012 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167465.232220001390 | 167465.23 | 3908718.50 | FENCEGRD | 0.014 | 0.013 | 0.013 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167495.041766472390 | 167495.04 | 3908686.81 | FENCEGRD | 0.016 | 0.015 | 0.014 | 0.014 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167409.284263933908 | 167409.28 | 3908786.69 | FENCEGRD | 0.011 | 0.011 | 0.010 | 0.010 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167398.050627566390 | 167398.05 | 3908807.34 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.010 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167386.816991203390 | 167386.82 | 3908827.99 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167375.583354839390 | 167375.58 | 3908848.64 | FENCEGRD | 0.012 | 0.012 | 0.011 | 0.011 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167364.349718476390 | 167364.35 | 3908869.29 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.012 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167353.116082112390 | 167353.12 | 3908889.94 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.012 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167341.882445748390 | 167341.88 | 3908910.59 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167330.648809385390 | 167330.65 | 3908931.24 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.013 | 0.000 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167319.415173021390 | 167319.42 | 3908951.89 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.014 | 0.000 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167308.181536657390 | 167308.18 | 3908972.54 | FENCEGRD | 0.017 | 0.016 | 0.016 | 0.016 | 0.000 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167296.947900294390 | 167296.95 | 3908993.19 | FENCEGRD | 0.019 | 0.018 | 0.018 | 0.018 | 0.000 | 0.016 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167348.130668932390 | 167348.13 | 3908701.82 | FENCEGRD | 0.009 | 0.009 | 0.008 | 0.008 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167379.044272683908 | 167379.04 | 3908668.95 | FENCEGRD | 0.010 | 0.009 | 0.009 | 0.009 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167394.501074554390 | 167394.50 | 3908652.52 | FENCEGRD | 0.010 | 0.010 | 0.009 | 0.009 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167409.957876428390 | 167409.96 | 3908636.09 | FENCEGRD | 0.011 | 0.010 | 0.010 | 0.010 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167440.871480176390 | 167440.87 | 3908603.22 | FENCEGRD | 0.012 | 0.012 | 0.011 | 0.011 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167456.328282053908 | 167456.33 | 3908586.79 | FENCEGRD | 0.013 | 0.012 | 0.012 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167332.673867058390 | 167332.67 | 3908718.25 | FENCEGRD | 0.009 | 0.009 | 0.008 | 0.008 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167321.440230695390 | 167321.44 | 3908738.90 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.008 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167310.206594331390 | 167310.21 | 3908759.55 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167298.972957967390 | 167298.97 | 3908780.20 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167287.739321604390 | 167287.74 | 3908800.85 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.009 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167276.505685243908 | 167276.51 | 3908821.50 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167265.272048877390 | 167265.27 | 3908842.15 | FENCEGRD | 0.011 | 0.011 | 0.010 | 0.010 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167254.038412513390 | 167254.04 | 3908862.81 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.010 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167242.804776149390 | 167242.80 | 3908883.46 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167231.571139786390 | 167231.57 | 3908904.11 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.011 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167220.337503422390 | 167220.34 | 3908924.76 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.012 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167209.103867058390 | 167209.10 | 3908945.41 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.014 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167260.637926649390 | 167260.64 | 3908653.66 | FENCEGRD | 0.008 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167276.446019474390 | 167276.45 | 3908636.85 | FENCEGRD | 0.008 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167292.254112339086 | 167292.25 | 3908620.05 | FENCEGRD | 0.008 | 0.008 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167308.062205126390 | 167308.06 | 3908603.24 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167323.870297951390 | 167323.87 | 3908586.43 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167339.678390777390 | 167339.68 | 3908569.63 | FENCEGRD | 0.009 | 0.009 | 0.008 | 0.008 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167355.486483603390 | 167355.49 | 3908552.82 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.008 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167371.294576428390 | 167371.29 | 3908536.02 | FENCEGRD | 0.010 | 0.009 | 0.009 | 0.009 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167387.102669254390 | 167387.10 | 3908519.21 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.009 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167402.910762083908 | 167402.91 | 3908502.40 | FENCEGRD | 0.011 | 0.010 | 0.010 | 0.010 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167244.829833823390 | 167244.83 | 3908670.46 | FENCEGRD | 0.008 | 0.008 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167233.596197459390 | 167233.60 | 3908691.11 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.007 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167222.362561096390 | 167222.36 | 3908711.77 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167211.128924732390 | 167211.13 | 3908732.42 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167199.895288368390 | 167199.90 | 3908753.07 | FENCEGRD | 0.009 | 0.008 | 0.008 | 0.008 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167188.661652005390 | 167188.66 | 3908773.72 | FENCEGRD | 0.009 | 0.009 | 0.008 | 0.008 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167177.428015641390 | 167177.43 | 3908794.37 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.008 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167166.194379277390 | 167166.19 | 3908815.02 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167154.960742914390 | 167154.96 | 3908835.67 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167143.727106553908 | 167143.73 | 3908856.32 | FENCEGRD | 0.010 | 0.010 | 0.009 | 0.009 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167132.493470187390 | 167132.49 | 3908876.97 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167121.259833823390 | 167121.26 | 3908897.62 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167173.037094841390 | 167173.04 | 3908605.61 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167189.088389095390 | 167189.09 | 3908588.55 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167205.139683349390 | 167205.14 | 3908571.49 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167221.190977602390 | 167221.19 | 3908554.42 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167237.242271856390 | 167237.24 | 3908537.36 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167253.293566113908 | 167253.29 | 3908520.29 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167269.344860364390 | 167269.34 | 3908503.23 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167285.396154618390 | 167285.40 | 3908486.16 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167301.447448871390 | 167301.45 | 3908469.10 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167317.498743125390 | 167317.50 | 3908452.03 | FENCEGRD | 0.007 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167333.550037379390 | 167333.55 | 3908434.97 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167349.601331633390 | 167349.60 | 3908417.90 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0 | | | | |

0<2 Cancer Risk

| | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167044.649436951390 | 167044.65 | 3908829.19 | FENCEGRD | 0.009 | 0.008 | 0.008 | 0.008 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167033.415800587390 | 167033.42 | 3908849.84 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167084.357056697390 | 167084.36 | 3908558.72 | FENCEGRD | 0.007 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167114.787635386390 | 167114.79 | 3908526.37 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167145.218214076390 | 167145.22 | 3908494.01 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167175.648792765390 | 167175.65 | 3908461.66 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167206.079371454390 | 167206.08 | 3908429.31 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167236.509950144390 | 167236.51 | 3908396.96 | FENCEGRD | 0.004 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167266.940528833390 | 167266.94 | 3908364.61 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167057.908130988390 | 167057.91 | 3908595.54 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167046.674494625390 | 167046.67 | 3908616.20 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167035.440858261390 | 167035.44 | 3908636.85 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167024.207221897390 | 167024.21 | 3908657.50 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167012.973585534390 | 167012.97 | 3908678.15 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167001.739949173908 | 167001.74 | 3908698.80 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166990.506312807390 | 166990.51 | 3908719.45 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166979.272676443390 | 166979.27 | 3908740.10 | FENCEGRD | 0.007 | 0.007 | 0.006 | 0.006 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166968.039040079390 | 166968.04 | 3908760.75 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166956.805403716390 | 166956.81 | 3908781.40 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166945.571767352390 | 166945.57 | 3908802.05 | FENCEGRD | 0.008 | 0.007 | 0.007 | 0.007 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167371.888474415390 | 167371.89 | 3909070.62 | FENCEGRD | 0.033 | 0.032 | 0.031 | 0.030 | 0.000 | 0.028 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167324.488572333390 | 167324.49 | 3909054.72 | FENCEGRD | 0.029 | 0.028 | 0.027 | 0.027 | 0.000 | 0.023 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167277.083364552390 | 167277.08 | 3909038.83 | FENCEGRD | 0.026 | 0.025 | 0.024 | 0.023 | 0.000 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167287.015632423390 | 167287.02 | 3909016.01 | FENCEGRD | 0.022 | 0.021 | 0.021 | 0.020 | 0.000 | 0.018 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167182.264672139090 | 167182.26 | 3909007.07 | FENCEGRD | 0.020 | 0.019 | 0.019 | 0.018 | 0.000 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167192.329370213908 | 167192.33 | 3908983.95 | FENCEGRD | 0.018 | 0.017 | 0.017 | 0.016 | 0.000 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167087.440283725390 | 167087.44 | 3908975.32 | FENCEGRD | 0.016 | 0.015 | 0.015 | 0.015 | 0.000 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167096.458830418390 | 167096.46 | 3908954.60 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.013 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167106.604695447390 | 167106.60 | 3908931.29 | FENCEGRD | 0.013 | 0.013 | 0.012 | 0.012 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166992.612970415390 | 166992.61 | 3908943.58 | FENCEGRD | 0.013 | 0.013 | 0.012 | 0.012 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167001.680266009390 | 167001.68 | 3908922.75 | FENCEGRD | 0.012 | 0.012 | 0.011 | 0.011 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167010.747561603390 | 167010.75 | 3908901.92 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.010 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167019.814857197390 | 167019.81 | 3908881.09 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166897.783956562390 | 166897.78 | 3908911.84 | FENCEGRD | 0.011 | 0.010 | 0.010 | 0.010 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166906.886396713390 | 166906.89 | 3908890.93 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.009 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166915.988836863390 | 166915.99 | 3908870.02 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166925.091277014390 | 166925.09 | 3908849.11 | FENCEGRD | 0.009 | 0.008 | 0.008 | 0.008 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166934.193717164390 | 166934.19 | 3908828.19 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167363.014395385390 | 167363.01 | 3909118.12 | FENCEGRD | 0.059 | 0.056 | 0.053 | 0.051 | 0.001 | 0.033 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167359.573909162.59 | 167359.57 | 3909162.59 | FENCEGRD | 0.095 | 0.090 | 0.086 | 0.082 | 0.001 | 0.037 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167359.573909185.91 | 167359.57 | 3909185.91 | FENCEGRD | 0.114 | 0.109 | 0.104 | 0.099 | 0.001 | 0.039 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167359.573909209.23 | 167359.57 | 3909209.24 | FENCEGRD | 0.131 | 0.126 | 0.120 | 0.116 | 0.001 | 0.041 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167359.573909232.55 | 167359.57 | 3909232.56 | FENCEGRD | 0.146 | 0.141 | 0.136 | 0.131 | 0.002 | 0.042 | 0.003 | 0.002 | 0.002 | 0.002 |
| 167359.573909255.87 | 167359.57 | 3909255.88 | FENCEGRD | 0.156 | 0.152 | 0.147 | 0.143 | 0.003 | 0.043 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167312.799120674390 | 167312.80 | 3909119.44 | FENCEGRD | 0.057 | 0.054 | 0.051 | 0.049 | 0.001 | 0.030 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167319.257362021390 | 167319.26 | 3909079.78 | FENCEGRD | 0.037 | 0.036 | 0.034 | 0.033 | 0.000 | 0.026 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167309.573909162.59 | 167309.57 | 3909162.59 | FENCEGRD | 0.085 | 0.081 | 0.077 | 0.073 | 0.001 | 0.034 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167309.573909185.91 | 167309.57 | 3909185.91 | FENCEGRD | 0.100 | 0.096 | 0.091 | 0.087 | 0.001 | 0.037 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167309.573909209.23 | 167309.57 | 3909209.24 | FENCEGRD | 0.115 | 0.110 | 0.105 | 0.101 | 0.001 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167309.573909232.55 | 167309.57 | 3909232.56 | FENCEGRD | 0.129 | 0.124 | 0.119 | 0.114 | 0.002 | 0.040 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167309.573909255.87 | 167309.57 | 3909255.88 | FENCEGRD | 0.139 | 0.134 | 0.129 | 0.125 | 0.003 | 0.041 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167309.573909279.2 | 167309.57 | 3909279.20 | FENCEGRD | 0.144 | 0.140 | 0.136 | 0.132 | 0.003 | 0.040 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167262.669955847390 | 167262.67 | 3909120.23 | FENCEGRD | 0.053 | 0.051 | 0.048 | 0.046 | 0.001 | 0.027 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167268.869867543909 | 167268.87 | 3909082.16 | FENCEGRD | 0.037 | 0.035 | 0.034 | 0.033 | 0.000 | 0.024 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167259.573909162.59 | 167259.57 | 3909162.59 | FENCEGRD | 0.076 | 0.072 | 0.069 | 0.066 | 0.001 | 0.032 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167259.573909185.91 | 167259.57 | 3909185.91 | FENCEGRD | 0.088 | 0.084 | 0.081 | 0.077 | 0.001 | 0.034 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167259.573909209.23 | 167259.57 | 3909209.24 | FENCEGRD | 0.100 | 0.096 | 0.091 | 0.088 | 0.001 | 0.036 | 0.002 | 0.001 | 0.001 | 0.001 |
| 167259.573909232.55 | 167259.57 | 3909232.56 | FENCEGRD | 0.110 | 0.106 | 0.101 | 0.097 | 0.002 | 0.037 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167259.573909255.87 | 167259.57 | 3909255.88 | FENCEGRD | 0.118 | 0.114 | 0.109 | 0.106 | 0.002 | 0.038 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167259.573909279.2 | 167259.57 | 3909279.20 | FENCEGRD | 0.123 | 0.120 | 0.116 | 0.112 | 0.003 | 0.037 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167163.014395385390 | 167163.01 | 3909118.12 | FENCEGRD | 0.043 | 0.042 | 0.040 | 0.038 | 0.001 | 0.023 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167169.903186155390 | 167169.90 | 3909075.82 | FENCEGRD | 0.032 | 0.030 | 0.029 | 0.028 | 0.001 | 0.019 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167176.791976925390 | 167176.79 | 3909033.51 | FENCEGRD | 0.023 | 0.023 | 0.022 | 0.021 | 0.000 | 0.016 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167159.573909162.59 | 167159.57 | 3909162.59 | FENCEGRD | 0.058 | 0.056 | 0.054 | 0.051 | 0.001 | 0.026 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167159.573909185.91 | 167159.57 | 3909185.91 | FENCEGRD | 0.066 | 0.064 | 0.061 | 0.059 | 0.001 | 0.028 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167159.573909209.23 | 167159.57 | 3909209.24 | FENCEGRD | 0.073 | 0.071 | 0.068 | 0.066 | 0.001 | 0.029 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167159.573909232.55 | 167159.57 | 3909232.56 | FENCEGRD | 0.080 | 0.077 | 0.074 | 0.072 | 0.002 | 0.030 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167159.573909255.87 | 167159.57 | 3909255.88 | FENCEGRD | 0.086 | 0.083 | 0.080 | 0.078 | 0.002 | 0.031 | 0.002 | 0.002 | 0.002 | 0.001 |
| 167159.573909279.2 | 167159.57 | 3909279.20 | FENCEGRD | 0.091 | 0.089 | 0.086 | 0.083 | 0.003 | 0.032 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167063.260423627390 | 167063.26 | 3909116.61 | FENCEGRD | 0.035 | 0.034 | 0.033 | 0.032 | 0.001 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167066.950847254390 | 167066.95 | 3909093.95 | FENCEGRD | 0.031 | 0.030 | 0.029 | 0.028 | 0.001 | 0.017 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167070.641270881390 | 167070.64 | 3909071.28 | FENCEGRD | 0.027 | 0.026 | 0.025 | 0.024 | 0.001 | 0.016 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167074.331694508390 | 167074.33 | 3909048.62 | FENCEGRD | 0.024 | 0.023 | 0.022 | 0.021 | 0.000 | 0.015 | 0. | | | |

0<2 Cancer Risk

| | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 166969.903186155390 | 166969.90 | 3909075.82 | FENCEGRD | 0.024 | 0.023 | 0.022 | 0.022 | 0.001 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166976.791976925390 | 166976.79 | 3909033.51 | FENCEGRD | 0.019 | 0.019 | 0.018 | 0.018 | 0.000 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166983.680767696390 | 166983.68 | 3908991.21 | FENCEGRD | 0.016 | 0.015 | 0.015 | 0.015 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166959.573909162.59 | 166959.57 | 3909162.59 | FENCEGRD | 0.037 | 0.035 | 0.034 | 0.033 | 0.001 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166959.573909185.91 | 166959.57 | 3909185.91 | FENCEGRD | 0.041 | 0.039 | 0.038 | 0.037 | 0.001 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166959.573909209.23 | 166959.57 | 3909209.24 | FENCEGRD | 0.044 | 0.043 | 0.042 | 0.041 | 0.001 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166959.573909232.55 | 166959.57 | 3909232.56 | FENCEGRD | 0.048 | 0.046 | 0.045 | 0.044 | 0.002 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166959.573909255.87 | 166959.57 | 3909255.88 | FENCEGRD | 0.051 | 0.050 | 0.048 | 0.047 | 0.002 | 0.022 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166959.573909279.2 | 166959.57 | 3909279.20 | FENCEGRD | 0.054 | 0.052 | 0.051 | 0.050 | 0.002 | 0.023 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166863.186615154390 | 166863.19 | 3909117.06 | FENCEGRD | 0.025 | 0.024 | 0.023 | 0.023 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166866.803230309390 | 166866.80 | 3909094.85 | FENCEGRD | 0.022 | 0.022 | 0.021 | 0.020 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166874.036460617390 | 166874.04 | 3909050.43 | FENCEGRD | 0.018 | 0.018 | 0.017 | 0.017 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166877.653075772390 | 166877.65 | 3909028.22 | FENCEGRD | 0.017 | 0.016 | 0.016 | 0.015 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166881.269690926390 | 166881.27 | 3909006.02 | FENCEGRD | 0.015 | 0.015 | 0.014 | 0.014 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166884.886306083908 | 166884.89 | 3908983.81 | FENCEGRD | 0.014 | 0.014 | 0.013 | 0.013 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166888.502921235390 | 166888.50 | 3908961.60 | FENCEGRD | 0.013 | 0.012 | 0.012 | 0.012 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166859.573909139.27 | 166859.57 | 3909139.27 | FENCEGRD | 0.027 | 0.026 | 0.025 | 0.025 | 0.001 | 0.014 | 0.001 | 0.000 | 0.000 | 0.000 |
| 166859.573909162.59 | 166859.57 | 3909162.59 | FENCEGRD | 0.030 | 0.029 | 0.028 | 0.027 | 0.001 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166859.573909185.91 | 166859.57 | 3909185.91 | FENCEGRD | 0.033 | 0.032 | 0.031 | 0.030 | 0.001 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166859.573909209.23 | 166859.57 | 3909209.24 | FENCEGRD | 0.036 | 0.035 | 0.034 | 0.033 | 0.001 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166859.573909232.55 | 166859.57 | 3909232.56 | FENCEGRD | 0.039 | 0.038 | 0.037 | 0.036 | 0.001 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166859.573909255.87 | 166859.57 | 3909255.88 | FENCEGRD | 0.041 | 0.040 | 0.039 | 0.038 | 0.002 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166859.573909279.2 | 166859.57 | 3909279.20 | FENCEGRD | 0.043 | 0.042 | 0.041 | 0.040 | 0.002 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167540.497012865390 | 167540.50 | 3909215.75 | | 0.077 | 0.079 | 0.082 | 0.084 | 0.003 | 0.049 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167541.642759649390 | 167541.64 | 3909179.96 | | 0.060 | 0.059 | 0.060 | 0.060 | 0.002 | 0.048 | 0.004 | 0.004 | 0.003 | 0.003 |
| 167537.739545029390 | 167537.74 | 3909149.96 | | 0.038 | 0.037 | 0.037 | 0.036 | 0.002 | 0.046 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167536.333909120.68 | 167536.33 | 3909120.68 | | 0.020 | 0.019 | 0.019 | 0.019 | 0.002 | 0.044 | 0.001 | 0.001 | 0.001 | 0.000 |
| 167536.333909106.64 | 167536.33 | 3909106.64 | | 0.015 | 0.015 | 0.015 | 0.016 | 0.002 | 0.043 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167534.583909076.82 | 167534.58 | 3909076.82 | | 0.013 | 0.013 | 0.014 | 0.014 | 0.002 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167559.143909104.89 | 167559.14 | 3909104.89 | | 0.013 | 0.013 | 0.013 | 0.013 | 0.003 | 0.047 | 0.001 | 0.001 | 0.000 | 0.000 |
| 167557.393909075.06 | 167557.39 | 3909075.06 | | 0.013 | 0.013 | 0.013 | 0.013 | 0.002 | 0.043 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167589.843909052.25 | 167589.84 | 3909052.25 | | 0.021 | 0.018 | 0.015 | 0.014 | 0.003 | 0.049 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167615.283909003.13 | 167615.28 | 3909003.13 | | 0.065 | 0.053 | 0.042 | 0.036 | 0.004 | 0.049 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167542.473909053.13 | 167542.47 | 3909053.13 | | 0.013 | 0.013 | 0.013 | 0.013 | 0.002 | 0.039 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167566.163909006.64 | 167566.16 | 3909006.64 | | 0.017 | 0.016 | 0.016 | 0.015 | 0.002 | 0.036 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167539.753909198.46 | 167539.75 | 3909198.46 | | 0.071 | 0.072 | 0.074 | 0.075 | 0.003 | 0.048 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167537.083909134.72 | 167537.08 | 3909134.72 | | 0.028 | 0.027 | 0.026 | 0.026 | 0.002 | 0.045 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167535.553909092.74 | 167535.55 | 3909092.74 | | 0.013 | 0.014 | 0.014 | 0.014 | 0.002 | 0.042 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167558.453909089.69 | 167558.45 | 3909089.69 | | 0.013 | 0.013 | 0.013 | 0.013 | 0.002 | 0.045 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167553.493909032.06 | 167553.49 | 3909032.06 | | 0.013 | 0.013 | 0.013 | 0.013 | 0.002 | 0.037 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167601.963909028.24 | 167601.96 | 3909028.24 | | 0.041 | 0.032 | 0.025 | 0.022 | 0.003 | 0.049 | 0.001 | 0.001 | 0.001 | 0.001 |

2<16 Cancer Risk

| | | | | 2<16 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|---------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167603.820034585390 | 167603.82 | 3909302.48 | FENCEGRD | 0.093 | 0.096 | 0.100 | 0.104 | 0.023 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167615.268534585390 | 167615.27 | 3909280.72 | FENCEGRD | 0.089 | 0.091 | 0.094 | 0.096 | 0.027 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167626.717034585390 | 167626.72 | 3909258.96 | FENCEGRD | 0.082 | 0.084 | 0.085 | 0.085 | 0.030 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167638.165534585390 | 167638.17 | 3909237.19 | FENCEGRD | 0.069 | 0.071 | 0.072 | 0.073 | 0.032 | 0.030 | 0.002 | 0.002 | 0.003 | 0.003 |
| 167649.614034585390 | 167649.61 | 3909215.43 | FENCEGRD | 0.055 | 0.055 | 0.056 | 0.057 | 0.033 | 0.033 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167661.062534585390 | 167661.06 | 3909193.67 | FENCEGRD | 0.053 | 0.050 | 0.048 | 0.047 | 0.032 | 0.038 | 0.004 | 0.004 | 0.005 | 0.005 |
| 167672.511034585390 | 167672.51 | 3909171.91 | FENCEGRD | 0.054 | 0.049 | 0.044 | 0.041 | 0.031 | 0.044 | 0.006 | 0.006 | 0.006 | 0.007 |
| 167683.959534585390 | 167683.96 | 3909150.15 | FENCEGRD | 0.060 | 0.055 | 0.049 | 0.045 | 0.028 | 0.051 | 0.007 | 0.008 | 0.009 | 0.009 |
| 167695.408034585390 | 167695.41 | 3909128.39 | FENCEGRD | 0.084 | 0.086 | 0.089 | 0.101 | 0.026 | 0.057 | 0.009 | 0.010 | 0.010 | 0.011 |
| 167706.856534585390 | 167706.86 | 3909106.63 | FENCEGRD | 0.193 | 0.227 | 0.278 | 0.347 | 0.024 | 0.062 | 0.010 | 0.010 | 0.011 | 0.012 |
| 167718.305034585390 | 167718.31 | 3909084.86 | FENCEGRD | 0.361 | 0.425 | 0.505 | 0.581 | 0.023 | 0.067 | 0.010 | 0.011 | 0.011 | 0.011 |
| 167729.753534585390 | 167729.75 | 3909063.10 | FENCEGRD | 0.523 | 0.584 | 0.647 | 0.694 | 0.021 | 0.072 | 0.010 | 0.010 | 0.010 | 0.011 |
| 167741.202034585390 | 167741.20 | 3909041.34 | FENCEGRD | 0.616 | 0.656 | 0.693 | 0.715 | 0.020 | 0.077 | 0.010 | 0.010 | 0.010 | 0.010 |
| 167752.650534585390 | 167752.65 | 3909019.58 | FENCEGRD | 0.645 | 0.666 | 0.682 | 0.688 | 0.019 | 0.082 | 0.009 | 0.009 | 0.009 | 0.009 |
| 167764.099034585390 | 167764.10 | 3908997.82 | FENCEGRD | 0.629 | 0.639 | 0.643 | 0.639 | 0.018 | 0.086 | 0.008 | 0.008 | 0.008 | 0.008 |
| 167775.547534585390 | 167775.55 | 3908976.06 | FENCEGRD | 0.587 | 0.589 | 0.587 | 0.581 | 0.017 | 0.090 | 0.008 | 0.008 | 0.007 | 0.007 |
| 167786.996034585390 | 167787.00 | 3908954.30 | FENCEGRD | 0.539 | 0.535 | 0.529 | 0.521 | 0.016 | 0.094 | 0.007 | 0.007 | 0.007 | 0.007 |
| 167798.444534585390 | 167798.44 | 3908932.53 | FENCEGRD | 0.486 | 0.479 | 0.470 | 0.460 | 0.014 | 0.097 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167809.893034585390 | 167809.89 | 3908910.77 | FENCEGRD | 0.438 | 0.430 | 0.421 | 0.411 | 0.013 | 0.101 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167821.341534585390 | 167821.34 | 3908889.01 | FENCEGRD | 0.392 | 0.383 | 0.374 | 0.364 | 0.012 | 0.107 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167832.790034585390 | 167832.79 | 3908867.25 | FENCEGRD | 0.353 | 0.345 | 0.336 | 0.328 | 0.012 | 0.115 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167583.765368876390 | 167583.77 | 3909333.07 | FENCEGRD | 0.097 | 0.101 | 0.108 | 0.115 | 0.016 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167625.945051877390 | 167625.95 | 3909314.12 | FENCEGRD | 0.095 | 0.099 | 0.101 | 0.103 | 0.015 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167637.393551877390 | 167637.39 | 3909292.36 | FENCEGRD | 0.090 | 0.095 | 0.099 | 0.102 | 0.019 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167648.842051877390 | 167648.84 | 3909270.60 | FENCEGRD | 0.082 | 0.087 | 0.093 | 0.097 | 0.022 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167660.290551877390 | 167660.29 | 3909248.83 | FENCEGRD | 0.071 | 0.073 | 0.077 | 0.080 | 0.025 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167671.739051877390 | 167671.74 | 3909227.07 | FENCEGRD | 0.074 | 0.072 | 0.071 | 0.070 | 0.027 | 0.028 | 0.002 | 0.002 | 0.002 | 0.003 |
| 167683.187551877390 | 167683.19 | 3909205.31 | FENCEGRD | 0.090 | 0.087 | 0.082 | 0.077 | 0.029 | 0.031 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167694.636051877390 | 167694.64 | 3909183.55 | FENCEGRD | 0.097 | 0.096 | 0.093 | 0.088 | 0.029 | 0.035 | 0.004 | 0.004 | 0.004 | 0.005 |
| 167706.084551877390 | 167706.08 | 3909161.79 | FENCEGRD | 0.101 | 0.100 | 0.096 | 0.090 | 0.028 | 0.040 | 0.005 | 0.005 | 0.006 | 0.006 |
| 167717.533051877390 | 167717.53 | 3909140.03 | FENCEGRD | 0.116 | 0.117 | 0.117 | 0.117 | 0.027 | 0.045 | 0.006 | 0.007 | 0.007 | 0.008 |
| 167728.981551877390 | 167728.98 | 3909118.27 | FENCEGRD | 0.152 | 0.166 | 0.182 | 0.205 | 0.025 | 0.049 | 0.007 | 0.008 | 0.008 | 0.009 |
| 167740.430051877390 | 167740.43 | 3909096.50 | FENCEGRD | 0.238 | 0.269 | 0.310 | 0.357 | 0.024 | 0.054 | 0.008 | 0.009 | 0.009 | 0.010 |
| 167751.878551877390 | 167751.88 | 3909074.74 | FENCEGRD | 0.357 | 0.403 | 0.459 | 0.514 | 0.023 | 0.059 | 0.009 | 0.009 | 0.010 | 0.010 |
| 167763.327051877390 | 167763.33 | 3909052.98 | FENCEGRD | 0.468 | 0.515 | 0.567 | 0.610 | 0.022 | 0.064 | 0.009 | 0.009 | 0.009 | 0.010 |
| 167774.775551877390 | 167774.78 | 3909031.22 | FENCEGRD | 0.536 | 0.575 | 0.615 | 0.643 | 0.020 | 0.069 | 0.009 | 0.009 | 0.009 | 0.009 |
| 167786.224051877390 | 167786.22 | 3909009.46 | FENCEGRD | 0.557 | 0.583 | 0.610 | 0.627 | 0.019 | 0.073 | 0.008 | 0.008 | 0.008 | 0.008 |
| 167797.672551877390 | 167797.67 | 3908987.70 | FENCEGRD | 0.546 | 0.561 | 0.574 | 0.580 | 0.017 | 0.078 | 0.008 | 0.008 | 0.008 | 0.008 |
| 167809.121051877390 | 167809.12 | 3908965.94 | FENCEGRD | 0.520 | 0.527 | 0.531 | 0.530 | 0.016 | 0.082 | 0.007 | 0.007 | 0.007 | 0.007 |
| 167820.569551877390 | 167820.57 | 3908944.17 | FENCEGRD | 0.484 | 0.486 | 0.484 | 0.479 | 0.015 | 0.088 | 0.007 | 0.007 | 0.007 | 0.007 |
| 167832.018051877390 | 167832.02 | 3908922.41 | FENCEGRD | 0.443 | 0.441 | 0.436 | 0.429 | 0.013 | 0.096 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167843.466551877390 | 167843.47 | 3908900.65 | FENCEGRD | 0.392 | 0.388 | 0.383 | 0.376 | 0.013 | 0.106 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167854.915051877390 | 167854.92 | 3908878.89 | FENCEGRD | 0.343 | 0.339 | 0.334 | 0.328 | 0.012 | 0.115 | 0.006 | 0.006 | 0.005 | 0.005 |
| 167610.577017612390 | 167610.58 | 3909342.60 | FENCEGRD | 0.092 | 0.095 | 0.097 | 0.099 | 0.010 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167554.337440276390 | 167554.34 | 3909367.86 | FENCEGRD | 0.108 | 0.115 | 0.125 | 0.134 | 0.011 | 0.030 | 0.002 | 0.002 | 0.002 | 0.003 |
| 167648.070069173909 | 167648.07 | 3909325.76 | FENCEGRD | 0.084 | 0.090 | 0.096 | 0.101 | 0.012 | 0.022 | 0.001 | 0.002 | 0.002 | 0.002 |
| 167659.518569173909 | 167659.52 | 3909304.00 | FENCEGRD | 0.078 | 0.084 | 0.091 | 0.097 | 0.014 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167670.967069173909 | 167670.97 | 3909282.24 | FENCEGRD | 0.073 | 0.077 | 0.083 | 0.088 | 0.017 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167682.415569173909 | 167682.42 | 3909260.47 | FENCEGRD | 0.073 | 0.074 | 0.075 | 0.077 | 0.020 | 0.024 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167693.864069173909 | 167693.86 | 3909238.71 | FENCEGRD | 0.085 | 0.084 | 0.081 | 0.079 | 0.022 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167705.312569173909 | 167705.31 | 3909216.95 | FENCEGRD | 0.105 | 0.107 | 0.107 | 0.106 | 0.024 | 0.027 | 0.002 | 0.003 | 0.003 | 0.003 |
| 167716.761069173909 | 167716.76 | 3909195.19 | FENCEGRD | 0.109 | 0.112 | 0.113 | 0.114 | 0.026 | 0.030 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167728.209569173909 | 167728.21 | 3909173.43 | FENCEGRD | 0.110 | 0.112 | 0.112 | 0.111 | 0.026 | 0.033 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167739.658069173909 | 167739.66 | 3909151.67 | FENCEGRD | 0.110 | 0.112 | 0.112 | 0.111 | 0.026 | 0.036 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167751.106569173909 | 167751.11 | 3909129.91 | FENCEGRD | 0.126 | 0.133 | 0.141 | 0.150 | 0.025 | 0.040 | 0.005 | 0.006 | 0.006 | 0.006 |
| 167762.555069173909 | 167762.56 | 3909108.14 | FENCEGRD | 0.175 | 0.192 | 0.213 | 0.237 | 0.024 | 0.044 | 0.006 | 0.007 | 0.007 | 0.007 |
| 167774.003569173909 | 167774.00 | 3909086.38 | FENCEGRD | 0.250 | 0.278 | 0.315 | 0.352 | 0.023 | 0.049 | 0.007 | 0.007 | 0.008 | 0.008 |
| 167785.452069173909 | 167785.45 | 3909064.62 | FENCEGRD | 0.334 | 0.372 | 0.418 | 0.462 | 0.022 | 0.053 | 0.008 | 0.008 | 0.008 | 0.009 |
| 167796.900569173909 | 167796.90 | 3909042.86 | FENCEGRD | 0.409 | 0.447 | 0.491 | 0.529 | 0.021 | 0.058 | 0.008 | 0.008 | 0.008 | 0.009 |
| 167808.349069173909 | 167808.35 | 3909021.10 | FENCEGRD | 0.456 | 0.488 | 0.523 | 0.550 | 0.019 | 0.063 | 0.008 | 0.008 | 0.008 | 0.008 |
| 167819.797569173908 | 167819.80 | 3908999.34 | FENCEGRD | 0.478 | 0.502 | 0.527 | 0.544 | 0.018 | 0.068 | 0.008 | 0.008 | 0.008 | 0.008 |
| 167831.246069173908 | 167831.25 | 3908977.57 | FENCEGRD | 0.478 | 0.495 | 0.512 | 0.522 | 0.017 | 0.075 | 0.008 | 0.008 | 0.008 | 0.008 |
| 167842.694569173908 | 167842.69 | 3908955.81 | FENCEGRD | 0.446 | 0.460 | 0.473 | 0.480 | 0.015 | 0.084 | 0.007 | 0.007 | 0.007 | 0.007 |
| 167854.143069173908 | 167854.14 | 3908934.05 | FENCEGRD | 0.379 | 0.389 | 0.398 | 0.403 | 0.014 | 0.094 | 0.007 | 0.007 | 0.007 | 0.007 |
| 167865.591569173908 | 167865.59 | 3908912.29 | FENCEGRD | 0.317 | 0.324 | 0.330 | 0.332 | 0.014 | 0.100 | 0.007 | 0.007 | 0.007 | 0.007 |
| 167877.040069173908 | 167877.04 | 3908890.53 | FENCEGRD | 0.271 | 0.274 | 0.277 | 0.278 | 0.013 | 0.104 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167671.230262254390 | 167671.23 | 3909358.51 | FENCEGRD | 0.052 | 0.057 | 0.063 | 0.069 | 0.008 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167650.140420753390 | 167650.14 | 3909367.98 | FENCEGRD | 0.068 | 0.073 | 0.079 | 0.084 | 0.008 | 0.021 | 0.001 | 0.001 | 0.001 | 0.002 |
| 167629.050579252390 | 167629.05 | 3909377.46 | FENCEGRD | 0.080 | 0.083 | 0.086 | 0.089 | 0.007 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167607.960737751390 | 167607.96 | 3909386.93 | FENCEGRD | 0.082 | 0.084 | 0.086 | 0.088 | 0.006 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167586.870896253909 | 167586.87 | 3909396.40 | FENCEGRD | 0.081 | 0.084 | 0.087 | 0.090 | 0.006 | 0.024 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167565.781054749390 | 167565.78 | 3909405.88 | FENCEGRD | 0.086 | 0.089 | 0.094 | 0.100 | 0.007 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167544.691213248390 | 167544.69 | 3909415.35 | FENCEGRD | 0.096 | 0.101 | 0.108 | 0.115 | 0.008 | 0.027</ | | | | |

2<16 Cancer Risk

| | | | | 2<16 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167806.805103755390 | 167806.81 | 3909131.42 | FENCEGRD | 0.124 | 0.131 | 0.140 | 0.149 | 0.021 | 0.032 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167818.253603755390 | 167818.25 | 3909109.66 | FENCEGRD | 0.153 | 0.165 | 0.178 | 0.192 | 0.021 | 0.035 | 0.004 | 0.005 | 0.005 | 0.005 |
| 167829.702103755390 | 167829.70 | 3909087.90 | FENCEGRD | 0.190 | 0.206 | 0.225 | 0.245 | 0.021 | 0.038 | 0.005 | 0.005 | 0.005 | 0.006 |
| 167841.150603755390 | 167841.15 | 3909066.14 | FENCEGRD | 0.233 | 0.253 | 0.278 | 0.303 | 0.020 | 0.042 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167852.599103755390 | 167852.60 | 3909044.38 | FENCEGRD | 0.276 | 0.300 | 0.330 | 0.357 | 0.020 | 0.047 | 0.006 | 0.006 | 0.006 | 0.007 |
| 167864.047603755390 | 167864.05 | 3909022.62 | FENCEGRD | 0.308 | 0.335 | 0.367 | 0.394 | 0.019 | 0.053 | 0.007 | 0.007 | 0.007 | 0.007 |
| 167875.496103755390 | 167875.50 | 3909000.85 | FENCEGRD | 0.292 | 0.317 | 0.346 | 0.371 | 0.018 | 0.061 | 0.007 | 0.007 | 0.007 | 0.007 |
| 167886.944603755390 | 167886.94 | 3908979.09 | FENCEGRD | 0.225 | 0.243 | 0.264 | 0.282 | 0.017 | 0.066 | 0.007 | 0.007 | 0.007 | 0.007 |
| 167898.393103755390 | 167898.39 | 3908957.33 | FENCEGRD | 0.211 | 0.225 | 0.241 | 0.256 | 0.016 | 0.069 | 0.007 | 0.007 | 0.007 | 0.007 |
| 167909.841603755390 | 167909.84 | 3908935.57 | FENCEGRD | 0.211 | 0.223 | 0.237 | 0.249 | 0.015 | 0.072 | 0.006 | 0.007 | 0.007 | 0.007 |
| 167921.290103755390 | 167921.29 | 3908913.81 | FENCEGRD | 0.236 | 0.247 | 0.259 | 0.269 | 0.014 | 0.077 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167716.119382945390 | 167716.12 | 3909381.50 | FENCEGRD | 0.016 | 0.017 | 0.018 | 0.020 | 0.006 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167675.217872155390 | 167675.22 | 3909399.88 | FENCEGRD | 0.036 | 0.039 | 0.043 | 0.046 | 0.006 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167634.316361365390 | 167634.32 | 3909418.25 | FENCEGRD | 0.068 | 0.070 | 0.073 | 0.076 | 0.005 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167593.414850576390 | 167593.41 | 3909436.62 | FENCEGRD | 0.072 | 0.073 | 0.075 | 0.078 | 0.005 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167552.513339786390 | 167552.51 | 3909454.99 | FENCEGRD | 0.078 | 0.081 | 0.085 | 0.089 | 0.006 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167387.213968908390 | 167387.21 | 3909314.50 | FENCEGRD | 0.260 | 0.263 | 0.265 | 0.265 | 0.012 | 0.068 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167373.391984454390 | 167373.39 | 3909296.85 | FENCEGRD | 0.279 | 0.278 | 0.276 | 0.273 | 0.009 | 0.072 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167748.018638343909 | 167748.02 | 3909350.56 | FENCEGRD | 0.018 | 0.019 | 0.020 | 0.021 | 0.006 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167759.467138343909 | 167759.47 | 3909328.79 | FENCEGRD | 0.021 | 0.021 | 0.022 | 0.023 | 0.007 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167770.915638343909 | 167770.92 | 3909307.03 | FENCEGRD | 0.025 | 0.026 | 0.027 | 0.029 | 0.008 | 0.017 | 0.001 | 0.001 | 0.002 | 0.002 |
| 167782.364138343909 | 167782.36 | 3909285.27 | FENCEGRD | 0.038 | 0.040 | 0.042 | 0.045 | 0.010 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167793.812638343909 | 167793.81 | 3909263.51 | FENCEGRD | 0.052 | 0.055 | 0.059 | 0.063 | 0.011 | 0.019 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167805.261138343909 | 167805.26 | 3909241.75 | FENCEGRD | 0.065 | 0.069 | 0.073 | 0.077 | 0.012 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167816.709638343909 | 167816.71 | 3909219.99 | FENCEGRD | 0.071 | 0.075 | 0.079 | 0.083 | 0.014 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167828.158138343909 | 167828.16 | 3909198.23 | FENCEGRD | 0.075 | 0.079 | 0.083 | 0.088 | 0.015 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167839.606638343909 | 167839.61 | 3909176.46 | FENCEGRD | 0.081 | 0.085 | 0.091 | 0.096 | 0.016 | 0.024 | 0.002 | 0.002 | 0.003 | 0.003 |
| 167851.055138343909 | 167851.06 | 3909154.70 | FENCEGRD | 0.089 | 0.094 | 0.100 | 0.107 | 0.017 | 0.025 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167862.503638343909 | 167862.50 | 3909132.94 | FENCEGRD | 0.103 | 0.110 | 0.119 | 0.127 | 0.017 | 0.027 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167873.952138343909 | 167873.95 | 3909111.18 | FENCEGRD | 0.124 | 0.133 | 0.144 | 0.154 | 0.018 | 0.029 | 0.003 | 0.004 | 0.004 | 0.004 |
| 167885.400638343909 | 167885.40 | 3909089.42 | FENCEGRD | 0.147 | 0.158 | 0.171 | 0.183 | 0.018 | 0.032 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167896.849138343909 | 167896.85 | 3909067.66 | FENCEGRD | 0.168 | 0.181 | 0.196 | 0.211 | 0.018 | 0.035 | 0.004 | 0.004 | 0.005 | 0.005 |
| 167908.297638343909 | 167908.30 | 3909045.90 | FENCEGRD | 0.185 | 0.199 | 0.217 | 0.235 | 0.018 | 0.039 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167919.746138343909 | 167919.75 | 3909024.13 | FENCEGRD | 0.197 | 0.213 | 0.234 | 0.253 | 0.017 | 0.044 | 0.005 | 0.005 | 0.005 | 0.006 |
| 167931.194638343909 | 167931.19 | 3909002.37 | FENCEGRD | 0.207 | 0.224 | 0.245 | 0.263 | 0.017 | 0.047 | 0.005 | 0.006 | 0.006 | 0.006 |
| 167942.643138343908 | 167942.64 | 3908980.61 | FENCEGRD | 0.220 | 0.236 | 0.255 | 0.272 | 0.016 | 0.051 | 0.005 | 0.006 | 0.006 | 0.006 |
| 167954.091638343908 | 167954.09 | 3908958.85 | FENCEGRD | 0.235 | 0.249 | 0.266 | 0.280 | 0.016 | 0.054 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167965.540138343908 | 167965.54 | 3908937.09 | FENCEGRD | 0.248 | 0.260 | 0.275 | 0.286 | 0.015 | 0.057 | 0.005 | 0.006 | 0.006 | 0.006 |
| 167759.189566257390 | 167759.19 | 3909405.31 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167737.558959589390 | 167737.56 | 3909415.03 | FENCEGRD | 0.008 | 0.008 | 0.009 | 0.009 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167715.928352922390 | 167715.93 | 3909424.75 | FENCEGRD | 0.012 | 0.013 | 0.014 | 0.015 | 0.004 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167694.297746254390 | 167694.30 | 3909434.46 | FENCEGRD | 0.025 | 0.027 | 0.030 | 0.032 | 0.005 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167672.667139586390 | 167672.67 | 3909444.18 | FENCEGRD | 0.043 | 0.046 | 0.049 | 0.053 | 0.005 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167651.036532919390 | 167651.04 | 3909453.89 | FENCEGRD | 0.055 | 0.058 | 0.061 | 0.064 | 0.004 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167629.405926251390 | 167629.41 | 3909463.61 | FENCEGRD | 0.061 | 0.063 | 0.065 | 0.067 | 0.004 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167607.775319583390 | 167607.78 | 3909473.33 | FENCEGRD | 0.063 | 0.065 | 0.066 | 0.067 | 0.004 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167586.144712916390 | 167586.14 | 3909483.04 | FENCEGRD | 0.064 | 0.066 | 0.067 | 0.069 | 0.004 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167564.514106248390 | 167564.51 | 3909492.76 | FENCEGRD | 0.066 | 0.068 | 0.071 | 0.074 | 0.005 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167542.883499583909 | 167542.88 | 3909502.47 | FENCEGRD | 0.071 | 0.074 | 0.077 | 0.081 | 0.005 | 0.021 | 0.001 | 0.002 | 0.002 | 0.002 |
| 167521.252892913390 | 167521.25 | 3909512.19 | FENCEGRD | 0.078 | 0.082 | 0.086 | 0.091 | 0.006 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167411.905846443909 | 167411.91 | 3909409.89 | FENCEGRD | 0.174 | 0.177 | 0.179 | 0.182 | 0.021 | 0.047 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167397.286439805390 | 167397.29 | 3909391.22 | FENCEGRD | 0.188 | 0.191 | 0.195 | 0.198 | 0.021 | 0.051 | 0.004 | 0.004 | 0.004 | 0.005 |
| 167382.667033171390 | 167382.67 | 3909372.55 | FENCEGRD | 0.206 | 0.210 | 0.214 | 0.218 | 0.019 | 0.055 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167368.047626537390 | 167368.05 | 3909353.88 | FENCEGRD | 0.228 | 0.232 | 0.235 | 0.238 | 0.016 | 0.060 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167353.428219903390 | 167353.43 | 3909335.21 | FENCEGRD | 0.250 | 0.252 | 0.253 | 0.252 | 0.013 | 0.065 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167338.808813268390 | 167338.81 | 3909316.54 | FENCEGRD | 0.264 | 0.263 | 0.260 | 0.257 | 0.010 | 0.069 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167324.189406634390 | 167324.19 | 3909297.87 | FENCEGRD | 0.265 | 0.261 | 0.255 | 0.249 | 0.008 | 0.071 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167780.820172925390 | 167780.82 | 3909395.60 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167792.268672925390 | 167792.27 | 3909373.84 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167803.717172925390 | 167803.72 | 3909352.07 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167815.165672925390 | 167815.17 | 3909330.31 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.004 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167826.614172925390 | 167826.61 | 3909308.55 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.014 | 0.006 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167838.062672925390 | 167838.06 | 3909286.79 | FENCEGRD | 0.020 | 0.021 | 0.022 | 0.023 | 0.007 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167849.511172925390 | 167849.51 | 3909265.03 | FENCEGRD | 0.032 | 0.033 | 0.035 | 0.037 | 0.008 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167860.959672925390 | 167860.96 | 3909243.27 | FENCEGRD | 0.037 | 0.039 | 0.042 | 0.044 | 0.009 | 0.017 | 0.001 | 0.002 | 0.002 | 0.002 |
| 167872.408172925390 | 167872.41 | 3909221.51 | FENCEGRD | 0.037 | 0.039 | 0.041 | 0.043 | 0.010 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167883.856672925390 | 167883.86 | 3909199.74 | FENCEGRD | 0.039 | 0.041 | 0.044 | 0.046 | 0.011 | 0.019 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167895.305172925390 | 167895.31 | 3909177.98 | FENCEGRD | 0.045 | 0.047 | 0.050 | 0.054 | 0.012 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167906.753672925390 | 167906.75 | 3909156.22 | FENCEGRD | 0.055 | 0.058 | 0.063 | 0.067 | 0.013 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167918.202172925390 | 167918.20 | 3909134.46 | FENCEGRD | 0.069 | 0.073 | 0.079 | 0.085 | 0.014 | 0.024 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167929.650672925390 | 167929.65 | 3909112.70 | FENCEGRD | 0.083 | 0.089 | 0.097 | 0.104 | 0.014 | 0.026 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167941.099172925390 | 167941.10 | 3909090.94 | FENCEGRD | 0.101 | 0.109 | 0.118 | 0.126 | 0.015 | 0.028 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167952.547672925390 | 167952.55 | 3909069.17 | FENCEGRD | 0.118 | 0.125 | 0.135 | 0.144 | 0.015 | 0.030 | 0.003 | 0.003 | 0.0 | |

2<16 Cancer Risk

| | | | | 2<16 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167698.531158504390 | 167698.53 | 3909475.72 | FENCEGRD | 0.028 | 0.029 | 0.032 | 0.034 | 0.004 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167677.441317003390 | 167677.44 | 3909485.19 | FENCEGRD | 0.040 | 0.042 | 0.046 | 0.048 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167656.351475502390 | 167656.35 | 3909494.66 | FENCEGRD | 0.048 | 0.051 | 0.054 | 0.056 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167635.261634001390 | 167635.26 | 3909504.14 | FENCEGRD | 0.053 | 0.055 | 0.057 | 0.058 | 0.003 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167614.171792539095 | 167614.17 | 3909513.61 | FENCEGRD | 0.056 | 0.057 | 0.058 | 0.059 | 0.003 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167593.081950999390 | 167593.08 | 3909523.08 | FENCEGRD | 0.056 | 0.057 | 0.059 | 0.060 | 0.004 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167571.992109498390 | 167571.99 | 3909532.55 | FENCEGRD | 0.058 | 0.059 | 0.061 | 0.063 | 0.004 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167550.902267997390 | 167550.90 | 3909542.03 | FENCEGRD | 0.061 | 0.063 | 0.066 | 0.069 | 0.005 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167529.812426496390 | 167529.81 | 3909551.50 | FENCEGRD | 0.066 | 0.069 | 0.073 | 0.076 | 0.005 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167508.722584995390 | 167508.72 | 3909560.97 | FENCEGRD | 0.074 | 0.077 | 0.081 | 0.085 | 0.006 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167416.363136152390 | 167416.36 | 3909479.43 | FENCEGRD | 0.141 | 0.144 | 0.146 | 0.147 | 0.014 | 0.038 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167402.109214684390 | 167402.11 | 3909461.23 | FENCEGRD | 0.151 | 0.153 | 0.154 | 0.156 | 0.016 | 0.041 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167387.855293216390 | 167387.86 | 3909443.03 | FENCEGRD | 0.161 | 0.163 | 0.165 | 0.166 | 0.018 | 0.044 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167373.601371747390 | 167373.60 | 3909424.82 | FENCEGRD | 0.173 | 0.176 | 0.178 | 0.180 | 0.020 | 0.047 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167359.347450279390 | 167359.35 | 3909406.62 | FENCEGRD | 0.186 | 0.189 | 0.192 | 0.195 | 0.019 | 0.051 | 0.004 | 0.004 | 0.005 | 0.005 |
| 167345.093528813909 | 167345.09 | 3909388.42 | FENCEGRD | 0.201 | 0.205 | 0.208 | 0.211 | 0.018 | 0.054 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167330.839607342390 | 167330.84 | 3909370.21 | FENCEGRD | 0.217 | 0.220 | 0.223 | 0.224 | 0.015 | 0.058 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167316.585685874390 | 167316.59 | 3909352.01 | FENCEGRD | 0.231 | 0.232 | 0.232 | 0.231 | 0.013 | 0.061 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167302.331764405390 | 167302.33 | 3909333.81 | FENCEGRD | 0.240 | 0.238 | 0.236 | 0.233 | 0.011 | 0.065 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167288.077842937390 | 167288.08 | 3909315.61 | FENCEGRD | 0.240 | 0.236 | 0.231 | 0.227 | 0.009 | 0.066 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167273.823921468390 | 167273.82 | 3909297.40 | FENCEGRD | 0.232 | 0.227 | 0.221 | 0.215 | 0.007 | 0.067 | 0.005 | 0.004 | 0.004 | 0.004 |
| 167825.070207513909 | 167825.07 | 3909418.88 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167836.518707513909 | 167836.52 | 3909397.12 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167847.967207513909 | 167847.97 | 3909375.35 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167859.415707509390 | 167859.42 | 3909353.59 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167870.864207509390 | 167870.86 | 3909331.83 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.002 | 0.006 | 0.000 | 0.001 | 0.001 | 0.001 |
| 167882.312707509390 | 167882.31 | 3909310.07 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.004 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167893.761207509390 | 167893.76 | 3909288.31 | FENCEGRD | 0.012 | 0.012 | 0.013 | 0.013 | 0.005 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167905.209707509390 | 167905.21 | 3909266.55 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.005 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167916.658207509390 | 167916.66 | 3909244.78 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.006 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167928.106707509390 | 167928.11 | 3909223.02 | FENCEGRD | 0.015 | 0.015 | 0.016 | 0.016 | 0.007 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167939.555207509390 | 167939.56 | 3909201.26 | FENCEGRD | 0.020 | 0.020 | 0.021 | 0.022 | 0.008 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167951.003707513909 | 167951.00 | 3909179.50 | FENCEGRD | 0.026 | 0.027 | 0.029 | 0.030 | 0.009 | 0.016 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167962.452207513909 | 167962.45 | 3909157.74 | FENCEGRD | 0.034 | 0.036 | 0.038 | 0.041 | 0.010 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167973.900707513909 | 167973.90 | 3909135.98 | FENCEGRD | 0.044 | 0.047 | 0.050 | 0.054 | 0.011 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167985.349207513909 | 167985.35 | 3909114.22 | FENCEGRD | 0.055 | 0.058 | 0.063 | 0.067 | 0.011 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167996.797707513909 | 167996.80 | 3909092.45 | FENCEGRD | 0.069 | 0.074 | 0.080 | 0.085 | 0.012 | 0.024 | 0.002 | 0.003 | 0.003 | 0.003 |
| 168008.246207513909 | 168008.25 | 3909070.69 | FENCEGRD | 0.086 | 0.091 | 0.098 | 0.104 | 0.012 | 0.026 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168019.694707513909 | 168019.69 | 3909048.93 | FENCEGRD | 0.101 | 0.106 | 0.113 | 0.120 | 0.013 | 0.028 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168031.143207513909 | 168031.14 | 3909027.17 | FENCEGRD | 0.113 | 0.119 | 0.127 | 0.134 | 0.013 | 0.029 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168042.591707513909 | 168042.59 | 3909005.41 | FENCEGRD | 0.126 | 0.133 | 0.141 | 0.150 | 0.013 | 0.031 | 0.003 | 0.003 | 0.003 | 0.004 |
| 168054.040207513908 | 168054.04 | 3908983.65 | FENCEGRD | 0.139 | 0.147 | 0.157 | 0.166 | 0.013 | 0.033 | 0.003 | 0.004 | 0.004 | 0.004 |
| 167892.145675789390 | 167892.15 | 3909475.06 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167870.721074939094 | 167870.72 | 3909484.68 | FENCEGRD | 0.009 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167849.296474013909 | 167849.30 | 3909494.31 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167827.871873123909 | 167827.87 | 3909503.93 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167806.447272233909 | 167806.45 | 3909513.55 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167785.022671343909 | 167785.02 | 3909523.18 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167763.598070453909 | 167763.60 | 3909532.80 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167742.173469563909 | 167742.17 | 3909542.42 | FENCEGRD | 0.011 | 0.011 | 0.012 | 0.012 | 0.002 | 0.008 | 0.000 | 0.000 | 0.000 | 0.001 |
| 167720.748868671390 | 167720.75 | 3909552.05 | FENCEGRD | 0.016 | 0.017 | 0.019 | 0.020 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167699.324267781390 | 167699.32 | 3909561.67 | FENCEGRD | 0.023 | 0.024 | 0.026 | 0.027 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167677.899666891390 | 167677.90 | 3909571.29 | FENCEGRD | 0.028 | 0.030 | 0.032 | 0.033 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167656.475066001390 | 167656.48 | 3909580.92 | FENCEGRD | 0.034 | 0.035 | 0.037 | 0.038 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167635.050465111390 | 167635.05 | 3909590.54 | FENCEGRD | 0.040 | 0.041 | 0.042 | 0.044 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167613.625864221390 | 167613.63 | 3909600.17 | FENCEGRD | 0.044 | 0.044 | 0.045 | 0.046 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167592.201263331390 | 167592.20 | 3909609.79 | FENCEGRD | 0.046 | 0.046 | 0.047 | 0.048 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167570.776662442390 | 167570.78 | 3909619.41 | FENCEGRD | 0.048 | 0.049 | 0.051 | 0.052 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167549.352061552390 | 167549.35 | 3909629.04 | FENCEGRD | 0.052 | 0.053 | 0.056 | 0.057 | 0.004 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167527.927460662390 | 167527.93 | 3909638.66 | FENCEGRD | 0.057 | 0.059 | 0.062 | 0.064 | 0.005 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167518.002116919390 | 167518.00 | 3909600.16 | FENCEGRD | 0.064 | 0.067 | 0.070 | 0.073 | 0.005 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167385.289837416390 | 167385.29 | 3909619.12 | FENCEGRD | 0.090 | 0.091 | 0.092 | 0.094 | 0.008 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167391.252787042390 | 167391.25 | 3909575.07 | FENCEGRD | 0.105 | 0.107 | 0.108 | 0.110 | 0.009 | 0.031 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167376.772612852390 | 167376.77 | 3909556.58 | FENCEGRD | 0.114 | 0.116 | 0.118 | 0.119 | 0.010 | 0.034 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167362.292438662390 | 167362.29 | 3909538.09 | FENCEGRD | 0.123 | 0.124 | 0.125 | 0.126 | 0.012 | 0.036 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167347.812264471390 | 167347.81 | 3909519.59 | FENCEGRD | 0.130 | 0.131 | 0.132 | 0.133 | 0.013 | 0.038 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167333.332090281390 | 167333.33 | 3909501.10 | FENCEGRD | 0.137 | 0.139 | 0.140 | 0.142 | 0.015 | 0.040 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167318.851916091390 | 167318.85 | 3909482.61 | FENCEGRD | 0.146 | 0.148 | 0.150 | 0.152 | 0.016 | 0.042 | 0.003 | 0.003 | 0.004 | 0.004 |
| 167304.371741901390 | 167304.37 | 3909464.12 | FENCEGRD | 0.157 | 0.159 | 0.162 | 0.164 | 0.017 | 0.045 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167289.891567711390 | 167289.89 | 3909445.63 | FENCEGRD | 0.169 | 0.172 | 0.174 | 0.176 | 0.017 | 0.048 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167275.411393521390 | 167275.41 | 3909427.14 | FENCEGRD | 0.182 | 0.184 | 0.186 | 0.188 | 0.016 | 0.051 | 0.004 | 0.004 | 0.005 | 0.005 |
| 167260.931219331390 | 167260.93 | 3909408.64 | FENCEGRD | 0.193 | 0.194 | 0.195 | 0.195 | 0.014 | 0.054 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167246.451045141390 | 167246.45 | 3909390.15 | FENCEGRD | 0.200 | 0.200 | 0.199 | 0.198 | 0.013 | 0.056 | 0.005 | 0.005 | 0.0 | |

2<16 Cancer Risk

| | | | | 2<16 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167970.812776679390 | 167970.81 | 3909356.63 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167982.261276679390 | 167982.26 | 3909334.87 | FENCEGRD | 0.009 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167993.709776679390 | 167993.71 | 3909313.11 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168005.158276679390 | 168005.16 | 3909291.34 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.011 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168016.606776679390 | 168016.61 | 3909269.58 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.012 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168028.055276679390 | 168028.06 | 3909247.82 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.015 | 0.004 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168039.503776679390 | 168039.50 | 3909226.06 | FENCEGRD | 0.017 | 0.018 | 0.018 | 0.019 | 0.005 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168050.952276679390 | 168050.95 | 3909204.30 | FENCEGRD | 0.021 | 0.022 | 0.023 | 0.023 | 0.005 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168062.400776679390 | 168062.40 | 3909182.54 | FENCEGRD | 0.026 | 0.027 | 0.028 | 0.030 | 0.006 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168073.849276679390 | 168073.85 | 3909160.77 | FENCEGRD | 0.032 | 0.033 | 0.035 | 0.037 | 0.007 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168085.297776679390 | 168085.30 | 3909139.01 | FENCEGRD | 0.039 | 0.041 | 0.044 | 0.046 | 0.007 | 0.016 | 0.001 | 0.002 | 0.002 | 0.002 |
| 168096.746276679390 | 168096.75 | 3909117.25 | FENCEGRD | 0.047 | 0.050 | 0.052 | 0.055 | 0.008 | 0.017 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168108.194776679390 | 168108.19 | 3909095.49 | FENCEGRD | 0.056 | 0.059 | 0.062 | 0.066 | 0.008 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168119.643276679390 | 168119.64 | 3909073.73 | FENCEGRD | 0.065 | 0.068 | 0.072 | 0.075 | 0.009 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168131.091776679390 | 168131.09 | 3909051.97 | FENCEGRD | 0.073 | 0.077 | 0.081 | 0.084 | 0.009 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168142.540276679390 | 168142.54 | 3909030.21 | FENCEGRD | 0.081 | 0.084 | 0.088 | 0.092 | 0.009 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167980.439739182390 | 167980.44 | 3909521.71 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167958.809132514390 | 167958.81 | 3909531.43 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167937.178525846390 | 167937.18 | 3909541.14 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167915.547919179390 | 167915.55 | 3909550.86 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167893.917312511390 | 167893.92 | 3909560.58 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167872.286705843390 | 167872.29 | 3909570.29 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167850.656099176390 | 167850.66 | 3909580.01 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167829.025492508390 | 167829.03 | 3909589.72 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.007 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167807.394885843909 | 167807.39 | 3909599.44 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167785.764279173390 | 167785.76 | 3909609.16 | FENCEGRD | 0.009 | 0.009 | 0.010 | 0.010 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167764.133672505390 | 167764.13 | 3909618.87 | FENCEGRD | 0.014 | 0.014 | 0.015 | 0.016 | 0.002 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167742.503065837390 | 167742.50 | 3909628.59 | FENCEGRD | 0.019 | 0.020 | 0.021 | 0.022 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167720.872459173909 | 167720.87 | 3909638.30 | FENCEGRD | 0.024 | 0.025 | 0.027 | 0.028 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167699.241852502390 | 167699.24 | 3909648.02 | FENCEGRD | 0.029 | 0.030 | 0.031 | 0.033 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167677.611245834390 | 167677.61 | 3909657.74 | FENCEGRD | 0.033 | 0.034 | 0.036 | 0.037 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167655.980639167390 | 167655.98 | 3909667.45 | FENCEGRD | 0.036 | 0.038 | 0.039 | 0.040 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167634.350032499390 | 167634.35 | 3909677.17 | FENCEGRD | 0.040 | 0.040 | 0.041 | 0.042 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167612.719425831390 | 167612.72 | 3909686.88 | FENCEGRD | 0.041 | 0.042 | 0.043 | 0.044 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167591.088819164390 | 167591.09 | 3909696.60 | FENCEGRD | 0.043 | 0.044 | 0.045 | 0.046 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167569.458212496390 | 167569.46 | 3909706.32 | FENCEGRD | 0.046 | 0.047 | 0.049 | 0.050 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167547.827605829390 | 167547.83 | 3909716.03 | FENCEGRD | 0.048 | 0.050 | 0.051 | 0.053 | 0.004 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167482.935785826390 | 167482.94 | 3909745.18 | FENCEGRD | 0.053 | 0.053 | 0.054 | 0.055 | 0.004 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167461.305179158390 | 167461.31 | 3909754.90 | FENCEGRD | 0.052 | 0.052 | 0.053 | 0.054 | 0.004 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167425.055165856390 | 167425.06 | 3909745.94 | FENCEGRD | 0.055 | 0.056 | 0.057 | 0.058 | 0.004 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167410.435759222390 | 167410.44 | 3909727.27 | FENCEGRD | 0.059 | 0.060 | 0.061 | 0.062 | 0.005 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167395.816352588390 | 167395.82 | 3909708.60 | FENCEGRD | 0.064 | 0.065 | 0.066 | 0.066 | 0.005 | 0.021 | 0.001 | 0.001 | 0.001 | 0.002 |
| 167381.196945953390 | 167381.20 | 3909689.93 | FENCEGRD | 0.068 | 0.069 | 0.070 | 0.071 | 0.006 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167366.577539319390 | 167366.58 | 3909671.26 | FENCEGRD | 0.074 | 0.075 | 0.076 | 0.077 | 0.006 | 0.024 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167351.958132685390 | 167351.96 | 3909652.59 | FENCEGRD | 0.082 | 0.083 | 0.084 | 0.085 | 0.007 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167337.338726051390 | 167337.34 | 3909633.92 | FENCEGRD | 0.091 | 0.092 | 0.093 | 0.094 | 0.008 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167322.719319416390 | 167322.72 | 3909615.25 | FENCEGRD | 0.099 | 0.100 | 0.101 | 0.101 | 0.009 | 0.031 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167308.099912782390 | 167308.10 | 3909596.58 | FENCEGRD | 0.106 | 0.107 | 0.107 | 0.108 | 0.010 | 0.033 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167293.480506148390 | 167293.48 | 3909577.92 | FENCEGRD | 0.112 | 0.113 | 0.113 | 0.114 | 0.011 | 0.035 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167278.861099514390 | 167278.86 | 3909559.25 | FENCEGRD | 0.118 | 0.119 | 0.120 | 0.121 | 0.013 | 0.036 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167264.241692879390 | 167264.24 | 3909540.58 | FENCEGRD | 0.127 | 0.129 | 0.130 | 0.131 | 0.014 | 0.039 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167249.622286245390 | 167249.62 | 3909521.91 | FENCEGRD | 0.137 | 0.139 | 0.141 | 0.142 | 0.015 | 0.041 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167235.002879611390 | 167235.00 | 3909503.24 | FENCEGRD | 0.148 | 0.150 | 0.151 | 0.153 | 0.015 | 0.044 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167220.383472977390 | 167220.38 | 3909484.57 | FENCEGRD | 0.159 | 0.160 | 0.162 | 0.163 | 0.015 | 0.047 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167205.764066342390 | 167205.76 | 3909465.90 | FENCEGRD | 0.168 | 0.169 | 0.170 | 0.170 | 0.015 | 0.049 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167191.144659708390 | 167191.14 | 3909447.23 | FENCEGRD | 0.175 | 0.175 | 0.175 | 0.174 | 0.014 | 0.052 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167176.525253074390 | 167176.53 | 3909428.56 | FENCEGRD | 0.179 | 0.178 | 0.177 | 0.175 | 0.012 | 0.054 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167161.905846443909 | 167161.91 | 3909409.89 | FENCEGRD | 0.180 | 0.178 | 0.176 | 0.173 | 0.011 | 0.055 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167147.286439805390 | 167147.29 | 3909391.22 | FENCEGRD | 0.178 | 0.175 | 0.172 | 0.169 | 0.010 | 0.056 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167132.667033171390 | 167132.67 | 3909372.55 | FENCEGRD | 0.172 | 0.169 | 0.165 | 0.162 | 0.009 | 0.056 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167118.047626537390 | 167118.05 | 3909353.88 | FENCEGRD | 0.164 | 0.161 | 0.157 | 0.153 | 0.008 | 0.055 | 0.004 | 0.003 | 0.003 | 0.003 |
| 167103.428219903390 | 167103.43 | 3909335.21 | FENCEGRD | 0.155 | 0.151 | 0.147 | 0.144 | 0.007 | 0.054 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167088.808813268390 | 167088.81 | 3909316.54 | FENCEGRD | 0.145 | 0.141 | 0.137 | 0.133 | 0.006 | 0.053 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167074.189406634390 | 167074.19 | 3909297.87 | FENCEGRD | 0.134 | 0.130 | 0.126 | 0.123 | 0.005 | 0.051 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168002.070345849390 | 168002.07 | 3909511.99 | FENCEGRD | 0.008 | 0.008 | 0.009 | 0.009 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168013.518845849390 | 168013.52 | 3909490.23 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168024.967345849390 | 168024.97 | 3909468.47 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168036.415845849390 | 168036.42 | 3909446.71 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168047.864345849390 | 168047.86 | 3909424.95 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168059.312845849390 | 168059.31 | 3909403.19 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168070.761345849390 | 168070.76 | 3909381.43 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168082.209845849390 | 168082.21 | 3909359.66 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.010 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168093.658345849390 | 168093.66 | 3909337.90 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.002 | 0.005 | 0.000 | 0.000 | 0.0 | |

2<16 Cancer Risk

| | | | | 2<16 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|---------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168219.591845849390 | 168219.59 | 3909098.53 | FENCEGRD | 0.046 | 0.048 | 0.050 | 0.052 | 0.006 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168231.040345849390 | 168231.04 | 3909076.76 | FENCEGRD | 0.050 | 0.052 | 0.055 | 0.057 | 0.006 | 0.016 | 0.001 | 0.001 | 0.001 | 0.002 |
| 168068.800256053909 | 168068.80 | 3909568.33 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168047.030097082390 | 168047.03 | 3909578.11 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168025.259938113390 | 168025.26 | 3909587.89 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168003.489779144390 | 168003.49 | 3909597.67 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167981.719620175390 | 167981.72 | 3909607.45 | FENCEGRD | 0.008 | 0.009 | 0.009 | 0.009 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167959.949461207390 | 167959.95 | 3909617.23 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167938.179302238390 | 167938.18 | 3909627.00 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167916.409143269390 | 167916.41 | 3909636.78 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167894.638984339096 | 167894.64 | 3909646.56 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167872.868825332390 | 167872.87 | 3909656.34 | FENCEGRD | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167851.098666363390 | 167851.10 | 3909666.12 | FENCEGRD | 0.009 | 0.009 | 0.010 | 0.010 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167829.328507394390 | 167829.33 | 3909675.90 | FENCEGRD | 0.012 | 0.013 | 0.013 | 0.014 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167807.558348426390 | 167807.56 | 3909685.68 | FENCEGRD | 0.016 | 0.017 | 0.017 | 0.018 | 0.002 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167785.788189457390 | 167785.79 | 3909695.46 | FENCEGRD | 0.019 | 0.020 | 0.021 | 0.022 | 0.002 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167764.018030488390 | 167764.02 | 3909705.23 | FENCEGRD | 0.022 | 0.023 | 0.024 | 0.025 | 0.002 | 0.009 | 0.000 | 0.001 | 0.001 | 0.001 |
| 167742.247871519390 | 167742.25 | 3909715.01 | FENCEGRD | 0.025 | 0.026 | 0.027 | 0.028 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167720.477712551390 | 167720.48 | 3909724.79 | FENCEGRD | 0.028 | 0.029 | 0.030 | 0.031 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167698.707553582390 | 167698.71 | 3909734.57 | FENCEGRD | 0.031 | 0.032 | 0.034 | 0.035 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167676.937394613390 | 167676.94 | 3909744.35 | FENCEGRD | 0.034 | 0.035 | 0.037 | 0.038 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167655.167235645390 | 167655.17 | 3909754.13 | FENCEGRD | 0.037 | 0.038 | 0.039 | 0.040 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167633.397076676390 | 167633.40 | 3909763.91 | FENCEGRD | 0.039 | 0.040 | 0.041 | 0.042 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167611.626917707390 | 167611.63 | 3909773.69 | FENCEGRD | 0.041 | 0.041 | 0.042 | 0.043 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167524.546281832390 | 167524.55 | 3909812.80 | FENCEGRD | 0.043 | 0.044 | 0.045 | 0.045 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167502.776122863390 | 167502.78 | 3909822.58 | FENCEGRD | 0.043 | 0.044 | 0.044 | 0.045 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167481.005963895390 | 167481.01 | 3909832.36 | FENCEGRD | 0.044 | 0.044 | 0.045 | 0.045 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167459.235804926390 | 167459.24 | 3909842.14 | FENCEGRD | 0.044 | 0.045 | 0.045 | 0.046 | 0.003 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167437.465645957390 | 167437.47 | 3909851.92 | FENCEGRD | 0.044 | 0.045 | 0.045 | 0.046 | 0.004 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167400.981761602390 | 167400.98 | 3909842.90 | FENCEGRD | 0.045 | 0.045 | 0.046 | 0.047 | 0.004 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167386.268036215390 | 167386.27 | 3909824.11 | FENCEGRD | 0.047 | 0.048 | 0.048 | 0.049 | 0.004 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167371.554310828390 | 167371.55 | 3909805.32 | FENCEGRD | 0.050 | 0.051 | 0.052 | 0.052 | 0.004 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167356.840585442390 | 167356.84 | 3909786.53 | FENCEGRD | 0.054 | 0.055 | 0.055 | 0.056 | 0.005 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167342.126860055390 | 167342.13 | 3909767.74 | FENCEGRD | 0.058 | 0.058 | 0.059 | 0.060 | 0.005 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167327.413134668390 | 167327.41 | 3909748.95 | FENCEGRD | 0.061 | 0.062 | 0.063 | 0.064 | 0.006 | 0.021 | 0.001 | 0.002 | 0.002 | 0.002 |
| 167312.699409281390 | 167312.70 | 3909730.16 | FENCEGRD | 0.065 | 0.066 | 0.067 | 0.068 | 0.006 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167297.985683895390 | 167297.99 | 3909711.37 | FENCEGRD | 0.070 | 0.071 | 0.072 | 0.073 | 0.007 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167283.271958508390 | 167283.27 | 3909692.58 | FENCEGRD | 0.075 | 0.076 | 0.077 | 0.077 | 0.007 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167268.558233121390 | 167268.56 | 3909673.79 | FENCEGRD | 0.081 | 0.082 | 0.082 | 0.083 | 0.008 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167253.844507735390 | 167253.84 | 3909655.00 | FENCEGRD | 0.086 | 0.087 | 0.088 | 0.088 | 0.009 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167239.130782348390 | 167239.13 | 3909636.21 | FENCEGRD | 0.092 | 0.093 | 0.093 | 0.094 | 0.009 | 0.030 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167224.417056961390 | 167224.42 | 3909617.42 | FENCEGRD | 0.097 | 0.098 | 0.099 | 0.100 | 0.011 | 0.032 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167209.703331574390 | 167209.70 | 3909598.63 | FENCEGRD | 0.104 | 0.105 | 0.106 | 0.107 | 0.012 | 0.033 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167194.989606188390 | 167194.99 | 3909579.84 | FENCEGRD | 0.111 | 0.113 | 0.114 | 0.116 | 0.012 | 0.035 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167180.275880801390 | 167180.28 | 3909561.05 | FENCEGRD | 0.120 | 0.121 | 0.123 | 0.124 | 0.013 | 0.038 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167165.562155414390 | 167165.56 | 3909542.26 | FENCEGRD | 0.129 | 0.130 | 0.132 | 0.133 | 0.013 | 0.040 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167150.848430027390 | 167150.85 | 3909523.47 | FENCEGRD | 0.137 | 0.139 | 0.139 | 0.140 | 0.013 | 0.043 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167136.134704641390 | 167136.13 | 3909504.68 | FENCEGRD | 0.145 | 0.145 | 0.145 | 0.146 | 0.013 | 0.045 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167121.420979254390 | 167121.42 | 3909485.89 | FENCEGRD | 0.150 | 0.150 | 0.149 | 0.149 | 0.012 | 0.047 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167106.707253867390 | 167106.71 | 3909467.10 | FENCEGRD | 0.154 | 0.153 | 0.151 | 0.150 | 0.011 | 0.049 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167091.993528481390 | 167091.99 | 3909448.31 | FENCEGRD | 0.155 | 0.153 | 0.151 | 0.149 | 0.011 | 0.051 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167077.279803094390 | 167077.28 | 3909429.52 | FENCEGRD | 0.153 | 0.151 | 0.148 | 0.146 | 0.010 | 0.051 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167062.566077707390 | 167062.57 | 3909410.73 | FENCEGRD | 0.148 | 0.146 | 0.143 | 0.141 | 0.009 | 0.051 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167047.852352323909 | 167047.85 | 3909391.94 | FENCEGRD | 0.142 | 0.140 | 0.137 | 0.134 | 0.008 | 0.050 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167033.138626934390 | 167033.14 | 3909373.15 | FENCEGRD | 0.135 | 0.133 | 0.129 | 0.127 | 0.007 | 0.049 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167018.424901547390 | 167018.42 | 3909354.36 | FENCEGRD | 0.128 | 0.125 | 0.122 | 0.119 | 0.006 | 0.048 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167003.711176163909 | 167003.71 | 3909335.57 | FENCEGRD | 0.120 | 0.117 | 0.114 | 0.111 | 0.005 | 0.046 | 0.003 | 0.003 | 0.003 | 0.003 |
| 166988.997450773390 | 166989.00 | 3909316.78 | FENCEGRD | 0.111 | 0.109 | 0.106 | 0.103 | 0.005 | 0.045 | 0.002 | 0.002 | 0.002 | 0.002 |
| 166974.283725387390 | 166974.28 | 3909297.99 | FENCEGRD | 0.103 | 0.101 | 0.098 | 0.095 | 0.004 | 0.043 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168090.570415019390 | 168090.57 | 3909558.55 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168102.018915019390 | 168102.02 | 3909536.79 | FENCEGRD | 0.008 | 0.008 | 0.009 | 0.009 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168113.467415019390 | 168113.47 | 3909515.03 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168124.915915019390 | 168124.92 | 3909493.27 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168136.364415019390 | 168136.36 | 3909471.51 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168147.812915019390 | 168147.81 | 3909449.75 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168159.261415019390 | 168159.26 | 3909427.98 | FENCEGRD | 0.009 | 0.010 | 0.010 | 0.010 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168170.709915019390 | 168170.71 | 3909406.22 | FENCEGRD | 0.010 | 0.010 | 0.011 | 0.011 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168182.158415019390 | 168182.16 | 3909384.46 | FENCEGRD | 0.011 | 0.011 | 0.012 | 0.012 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168193.606915019390 | 168193.61 | 3909362.70 | FENCEGRD | 0.012 | 0.012 | 0.013 | 0.013 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.001 |
| 168205.055415019390 | 168205.06 | 3909340.94 | FENCEGRD | 0.014 | 0.014 | 0.015 | 0.015 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168216.503915019390 | 168216.50 | 3909319.18 | FENCEGRD | 0.016 | 0.016 | 0.017 | 0.017 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168227.952415019390 | 168227.95 | 3909297.42 | FENCEGRD | 0.018 | 0.019 | 0.019 | 0.020 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168239.400915019390 | 168239.40 | 3909275.65 | FENCEGRD | 0.020 | 0.020 | 0.021 | 0.022 | 0.003 | 0.009</ | | | | |

2<16 Cancer Risk

| | | | | 2<16 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|---------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168091.586697222390 | 168091.59 | 3909644.41 | FENCEGRD | 0.013 | 0.014 | 0.014 | 0.014 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168069.715750483909 | 168069.72 | 3909654.23 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.014 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168047.844803739390 | 168047.84 | 3909664.06 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.015 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168025.973856997390 | 168025.97 | 3909673.88 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.015 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168004.102910255390 | 168004.10 | 3909683.70 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.015 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167982.231963513390 | 167982.23 | 3909693.53 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.014 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167960.361016772390 | 167960.36 | 3909703.35 | FENCEGRD | 0.013 | 0.014 | 0.014 | 0.014 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167938.490070033909 | 167938.49 | 3909713.18 | FENCEGRD | 0.013 | 0.013 | 0.014 | 0.014 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167916.619123288390 | 167916.62 | 3909723.00 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.015 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167894.748176546390 | 167894.75 | 3909732.82 | FENCEGRD | 0.014 | 0.015 | 0.015 | 0.015 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167872.877229805390 | 167872.88 | 3909742.65 | FENCEGRD | 0.015 | 0.016 | 0.016 | 0.016 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167851.006283063390 | 167851.01 | 3909752.47 | FENCEGRD | 0.016 | 0.017 | 0.017 | 0.018 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167829.135336321390 | 167829.14 | 3909762.30 | FENCEGRD | 0.018 | 0.018 | 0.019 | 0.019 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167807.264389583909 | 167807.26 | 3909772.12 | FENCEGRD | 0.019 | 0.020 | 0.021 | 0.021 | 0.002 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167785.393442838390 | 167785.39 | 3909781.94 | FENCEGRD | 0.021 | 0.022 | 0.023 | 0.023 | 0.002 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167763.522496096390 | 167763.52 | 3909791.77 | FENCEGRD | 0.023 | 0.024 | 0.025 | 0.026 | 0.002 | 0.009 | 0.000 | 0.001 | 0.001 | 0.001 |
| 167741.651549354390 | 167741.65 | 3909801.59 | FENCEGRD | 0.025 | 0.026 | 0.027 | 0.028 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167719.780602613390 | 167719.78 | 3909811.42 | FENCEGRD | 0.027 | 0.028 | 0.029 | 0.030 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167697.909655871390 | 167697.91 | 3909821.24 | FENCEGRD | 0.030 | 0.030 | 0.032 | 0.033 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167676.038709129390 | 167676.04 | 3909831.07 | FENCEGRD | 0.032 | 0.033 | 0.034 | 0.035 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167654.167762388390 | 167654.17 | 3909840.89 | FENCEGRD | 0.034 | 0.035 | 0.036 | 0.037 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167566.683975421390 | 167566.68 | 3909880.19 | FENCEGRD | 0.037 | 0.037 | 0.038 | 0.038 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167544.813028679390 | 167544.81 | 3909890.01 | FENCEGRD | 0.036 | 0.037 | 0.037 | 0.037 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167522.942081937390 | 167522.94 | 3909899.83 | FENCEGRD | 0.035 | 0.036 | 0.036 | 0.036 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167501.071135196390 | 167501.07 | 3909909.66 | FENCEGRD | 0.035 | 0.035 | 0.035 | 0.036 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167479.200188454390 | 167479.20 | 3909919.48 | FENCEGRD | 0.034 | 0.035 | 0.035 | 0.035 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167457.329241712390 | 167457.33 | 3909929.31 | FENCEGRD | 0.034 | 0.034 | 0.035 | 0.035 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167435.458294973909 | 167435.46 | 3909939.13 | FENCEGRD | 0.034 | 0.035 | 0.035 | 0.036 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167413.587348229390 | 167413.59 | 3909948.95 | FENCEGRD | 0.035 | 0.035 | 0.036 | 0.036 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167376.934557001390 | 167376.93 | 3909939.90 | FENCEGRD | 0.037 | 0.038 | 0.038 | 0.039 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167362.152712515390 | 167362.15 | 3909921.02 | FENCEGRD | 0.039 | 0.040 | 0.040 | 0.041 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167347.370868033909 | 167347.37 | 3909902.15 | FENCEGRD | 0.042 | 0.042 | 0.043 | 0.043 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167332.589023544390 | 167332.59 | 3909883.27 | FENCEGRD | 0.044 | 0.045 | 0.045 | 0.046 | 0.004 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167317.807179058390 | 167317.81 | 3909864.39 | FENCEGRD | 0.047 | 0.048 | 0.048 | 0.049 | 0.004 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167303.025334572390 | 167303.03 | 3909845.51 | FENCEGRD | 0.050 | 0.051 | 0.051 | 0.052 | 0.005 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167288.243490087390 | 167288.24 | 3909826.64 | FENCEGRD | 0.053 | 0.054 | 0.055 | 0.055 | 0.005 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167273.461645601390 | 167273.46 | 3909807.76 | FENCEGRD | 0.057 | 0.057 | 0.058 | 0.059 | 0.005 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167258.679801115390 | 167258.68 | 3909788.88 | FENCEGRD | 0.060 | 0.061 | 0.061 | 0.062 | 0.006 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167243.897956629390 | 167243.90 | 3909770.01 | FENCEGRD | 0.063 | 0.064 | 0.065 | 0.065 | 0.006 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167229.116112144390 | 167229.12 | 3909751.13 | FENCEGRD | 0.067 | 0.068 | 0.068 | 0.069 | 0.007 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167214.334267658390 | 167214.33 | 3909732.25 | FENCEGRD | 0.071 | 0.071 | 0.072 | 0.072 | 0.007 | 0.024 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167199.552423172390 | 167199.55 | 3909713.37 | FENCEGRD | 0.074 | 0.075 | 0.076 | 0.076 | 0.008 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167184.770578686390 | 167184.77 | 3909694.50 | FENCEGRD | 0.078 | 0.079 | 0.080 | 0.080 | 0.008 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167169.988734201390 | 167169.99 | 3909675.62 | FENCEGRD | 0.083 | 0.083 | 0.084 | 0.085 | 0.009 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167155.206889715390 | 167155.21 | 3909656.74 | FENCEGRD | 0.087 | 0.088 | 0.089 | 0.090 | 0.010 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167140.425045229390 | 167140.43 | 3909637.87 | FENCEGRD | 0.093 | 0.094 | 0.095 | 0.096 | 0.011 | 0.031 | 0.002 | 0.002 | 0.003 | 0.003 |
| 167125.643200743390 | 167125.64 | 3909618.99 | FENCEGRD | 0.099 | 0.100 | 0.101 | 0.103 | 0.011 | 0.033 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167110.861356258390 | 167110.86 | 3909600.11 | FENCEGRD | 0.106 | 0.107 | 0.108 | 0.109 | 0.012 | 0.035 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167096.079511772390 | 167096.08 | 3909581.23 | FENCEGRD | 0.112 | 0.114 | 0.115 | 0.115 | 0.012 | 0.037 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167081.297667286390 | 167081.30 | 3909562.36 | FENCEGRD | 0.119 | 0.120 | 0.120 | 0.121 | 0.012 | 0.039 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167066.515822839099 | 167066.52 | 3909543.48 | FENCEGRD | 0.124 | 0.125 | 0.125 | 0.125 | 0.011 | 0.041 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167051.733978315390 | 167051.73 | 3909524.60 | FENCEGRD | 0.127 | 0.127 | 0.127 | 0.127 | 0.011 | 0.043 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167036.952133829390 | 167036.95 | 3909505.73 | FENCEGRD | 0.129 | 0.129 | 0.128 | 0.127 | 0.010 | 0.044 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167022.170289343390 | 167022.17 | 3909486.85 | FENCEGRD | 0.130 | 0.129 | 0.127 | 0.126 | 0.010 | 0.045 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167007.388444857390 | 167007.39 | 3909467.97 | FENCEGRD | 0.129 | 0.127 | 0.125 | 0.124 | 0.009 | 0.045 | 0.003 | 0.003 | 0.003 | 0.003 |
| 166992.606600372390 | 166992.61 | 3909449.09 | FENCEGRD | 0.126 | 0.124 | 0.122 | 0.121 | 0.008 | 0.046 | 0.003 | 0.003 | 0.003 | 0.003 |
| 166977.824755886390 | 166977.82 | 3909430.22 | FENCEGRD | 0.123 | 0.121 | 0.118 | 0.116 | 0.008 | 0.045 | 0.003 | 0.003 | 0.003 | 0.003 |
| 166963.042911439094 | 166963.04 | 3909411.34 | FENCEGRD | 0.118 | 0.116 | 0.113 | 0.111 | 0.007 | 0.045 | 0.003 | 0.003 | 0.003 | 0.003 |
| 166948.261066914390 | 166948.26 | 3909392.46 | FENCEGRD | 0.112 | 0.110 | 0.108 | 0.106 | 0.006 | 0.044 | 0.003 | 0.003 | 0.003 | 0.003 |
| 166933.479222429390 | 166933.48 | 3909373.59 | FENCEGRD | 0.107 | 0.104 | 0.102 | 0.100 | 0.006 | 0.043 | 0.002 | 0.002 | 0.002 | 0.002 |
| 166918.697377943390 | 166918.70 | 3909354.71 | FENCEGRD | 0.101 | 0.098 | 0.096 | 0.094 | 0.005 | 0.041 | 0.002 | 0.002 | 0.002 | 0.002 |
| 166903.915533457390 | 166903.92 | 3909335.83 | FENCEGRD | 0.095 | 0.092 | 0.090 | 0.088 | 0.005 | 0.040 | 0.002 | 0.002 | 0.002 | 0.002 |
| 166889.133688972390 | 166889.13 | 3909316.95 | FENCEGRD | 0.088 | 0.086 | 0.084 | 0.082 | 0.004 | 0.038 | 0.002 | 0.002 | 0.002 | 0.002 |
| 166874.351844486390 | 166874.35 | 3909298.08 | FENCEGRD | 0.082 | 0.080 | 0.078 | 0.077 | 0.004 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168179.070484189390 | 168179.07 | 3909605.11 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168190.518984189390 | 168190.52 | 3909583.35 | FENCEGRD | 0.009 | 0.010 | 0.010 | 0.010 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168201.967484189390 | 168201.97 | 3909561.59 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.010 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168213.415984189390 | 168213.42 | 3909539.83 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168224.864484189390 | 168224.86 | 3909518.07 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168236.312984189390 | 168236.31 | 3909496.31 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.010 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168247.761484189390 | 168247.76 | 3909474.54 | FENCEGRD | 0.009 | 0.010 | 0.010 | 0.010 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168259.209984189390 | 168259.21 | 3909452.78 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.011 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168270.658484189390 | 168270.66 | 3909431.02 | FENCEGRD | 0.010 | 0.010 | 0.011 | 0.011 | 0.001 | 0.005</ | | | | |

2<16 Cancer Risk

| | | | | 2<16 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168396.591984189390 | 168396.59 | 3909191.64 | FENCEGRD | 0.019 | 0.019 | 0.020 | 0.021 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168408.040484189390 | 168408.04 | 3909169.88 | FENCEGRD | 0.020 | 0.021 | 0.021 | 0.022 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167787.000405301390 | 167787.00 | 3908808.03 | FENCEGRD | 0.268 | 0.261 | 0.251 | 0.239 | 0.010 | 0.109 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167754.375442745390 | 167754.38 | 3908835.86 | FENCEGRD | 0.284 | 0.268 | 0.249 | 0.232 | 0.009 | 0.105 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167733.477442745390 | 167733.48 | 3908848.95 | FENCEGRD | 0.272 | 0.253 | 0.232 | 0.215 | 0.009 | 0.096 | 0.004 | 0.003 | 0.003 | 0.003 |
| 167712.579442745390 | 167712.58 | 3908862.03 | FENCEGRD | 0.248 | 0.228 | 0.207 | 0.189 | 0.008 | 0.081 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167691.681442745390 | 167691.68 | 3908875.12 | FENCEGRD | 0.220 | 0.200 | 0.179 | 0.163 | 0.007 | 0.068 | 0.003 | 0.003 | 0.003 | 0.002 |
| 167670.783442745390 | 167670.78 | 3908888.20 | FENCEGRD | 0.185 | 0.167 | 0.148 | 0.134 | 0.006 | 0.058 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167762.006885491390 | 167762.01 | 3908801.59 | FENCEGRD | 0.237 | 0.224 | 0.208 | 0.196 | 0.008 | 0.078 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167741.108885491390 | 167741.11 | 3908814.67 | FENCEGRD | 0.223 | 0.209 | 0.193 | 0.180 | 0.008 | 0.064 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167720.210885491390 | 167720.21 | 3908827.76 | FENCEGRD | 0.206 | 0.191 | 0.175 | 0.162 | 0.007 | 0.053 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167699.312885491390 | 167699.31 | 3908840.84 | FENCEGRD | 0.184 | 0.169 | 0.153 | 0.141 | 0.006 | 0.044 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167678.414885491390 | 167678.41 | 3908853.93 | FENCEGRD | 0.161 | 0.147 | 0.133 | 0.122 | 0.006 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167657.516885491390 | 167657.52 | 3908867.01 | FENCEGRD | 0.138 | 0.125 | 0.112 | 0.103 | 0.005 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167794.142777813390 | 167794.14 | 3908784.69 | FENCEGRD | 0.247 | 0.239 | 0.227 | 0.216 | 0.009 | 0.095 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167816.844002601390 | 167816.84 | 3908786.84 | FENCEGRD | 0.256 | 0.250 | 0.244 | 0.238 | 0.010 | 0.117 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167748.740328236390 | 167748.74 | 3908780.40 | FENCEGRD | 0.190 | 0.179 | 0.166 | 0.156 | 0.007 | 0.054 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167727.842328236390 | 167727.84 | 3908793.49 | FENCEGRD | 0.178 | 0.166 | 0.153 | 0.143 | 0.007 | 0.045 | 0.003 | 0.002 | 0.002 | 0.002 |
| 167706.944328236390 | 167706.94 | 3908806.57 | FENCEGRD | 0.162 | 0.150 | 0.137 | 0.127 | 0.006 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167686.046328236390 | 167686.05 | 3908819.65 | FENCEGRD | 0.145 | 0.134 | 0.122 | 0.112 | 0.006 | 0.030 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167665.148328236390 | 167665.15 | 3908832.74 | FENCEGRD | 0.127 | 0.116 | 0.106 | 0.098 | 0.005 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167644.250328236390 | 167644.25 | 3908845.82 | FENCEGRD | 0.108 | 0.099 | 0.090 | 0.084 | 0.005 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167783.903050533908 | 167783.90 | 3908763.79 | FENCEGRD | 0.214 | 0.203 | 0.191 | 0.181 | 0.008 | 0.075 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167808.117690304390 | 167808.12 | 3908766.08 | FENCEGRD | 0.233 | 0.227 | 0.218 | 0.208 | 0.009 | 0.093 | 0.004 | 0.004 | 0.004 | 0.003 |
| 167868.842829443390 | 167868.84 | 3908842.58 | FENCEGRD | 0.294 | 0.289 | 0.283 | 0.278 | 0.011 | 0.126 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167735.473770981390 | 167735.47 | 3908759.21 | FENCEGRD | 0.159 | 0.149 | 0.138 | 0.129 | 0.006 | 0.041 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167714.575770981390 | 167714.58 | 3908772.30 | FENCEGRD | 0.147 | 0.137 | 0.126 | 0.118 | 0.006 | 0.034 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167693.677770981390 | 167693.68 | 3908785.38 | FENCEGRD | 0.133 | 0.123 | 0.113 | 0.105 | 0.005 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167672.779770981390 | 167672.78 | 3908798.46 | FENCEGRD | 0.118 | 0.109 | 0.099 | 0.092 | 0.005 | 0.023 | 0.002 | 0.002 | 0.002 | 0.001 |
| 167651.881770981390 | 167651.88 | 3908811.55 | FENCEGRD | 0.103 | 0.095 | 0.087 | 0.081 | 0.004 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167630.983770981390 | 167630.98 | 3908824.63 | FENCEGRD | 0.088 | 0.082 | 0.075 | 0.070 | 0.004 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167731.641881263908 | 167731.64 | 3908718.98 | FENCEGRD | 0.131 | 0.123 | 0.115 | 0.108 | 0.006 | 0.034 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167754.343106049390 | 167754.34 | 3908721.12 | FENCEGRD | 0.152 | 0.144 | 0.134 | 0.126 | 0.006 | 0.044 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167777.044330837390 | 167777.04 | 3908723.27 | FENCEGRD | 0.174 | 0.165 | 0.155 | 0.146 | 0.007 | 0.057 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167799.74555625390 | 167799.75 | 3908725.42 | FENCEGRD | 0.191 | 0.184 | 0.175 | 0.166 | 0.008 | 0.068 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167822.446780414390 | 167822.45 | 3908727.56 | FENCEGRD | 0.201 | 0.197 | 0.191 | 0.184 | 0.008 | 0.079 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167845.148005202390 | 167845.15 | 3908729.71 | FENCEGRD | 0.211 | 0.206 | 0.202 | 0.198 | 0.009 | 0.091 | 0.004 | 0.004 | 0.004 | 0.003 |
| 167902.077823145390 | 167902.08 | 3908801.43 | FENCEGRD | 0.262 | 0.257 | 0.253 | 0.248 | 0.010 | 0.122 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167905.920279267390 | 167905.92 | 3908823.90 | FENCEGRD | 0.265 | 0.262 | 0.259 | 0.255 | 0.011 | 0.117 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167909.762735389390 | 167909.76 | 3908846.38 | FENCEGRD | 0.265 | 0.265 | 0.265 | 0.264 | 0.011 | 0.107 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167913.605191511390 | 167913.61 | 3908868.86 | FENCEGRD | 0.256 | 0.260 | 0.264 | 0.266 | 0.012 | 0.096 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167917.447647633390 | 167917.45 | 3908891.33 | FENCEGRD | 0.245 | 0.252 | 0.261 | 0.267 | 0.013 | 0.086 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167708.940656472390 | 167708.94 | 3908716.83 | FENCEGRD | 0.112 | 0.105 | 0.098 | 0.092 | 0.005 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167688.042656472390 | 167688.04 | 3908729.92 | FENCEGRD | 0.102 | 0.095 | 0.088 | 0.083 | 0.004 | 0.022 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167667.144656472390 | 167667.14 | 3908743.00 | FENCEGRD | 0.091 | 0.085 | 0.079 | 0.074 | 0.004 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167646.246656472390 | 167646.25 | 3908756.08 | FENCEGRD | 0.081 | 0.076 | 0.070 | 0.066 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167625.348656472390 | 167625.35 | 3908769.17 | FENCEGRD | 0.072 | 0.068 | 0.063 | 0.060 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167604.450656472390 | 167604.45 | 3908782.25 | FENCEGRD | 0.064 | 0.060 | 0.056 | 0.053 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167706.622181736390 | 167706.62 | 3908676.74 | FENCEGRD | 0.097 | 0.091 | 0.085 | 0.080 | 0.004 | 0.024 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167730.836821511390 | 167730.84 | 3908679.03 | FENCEGRD | 0.113 | 0.107 | 0.100 | 0.094 | 0.005 | 0.031 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167755.051461285390 | 167755.05 | 3908681.32 | FENCEGRD | 0.132 | 0.125 | 0.118 | 0.111 | 0.006 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167779.266101059390 | 167779.27 | 3908683.61 | FENCEGRD | 0.146 | 0.141 | 0.136 | 0.130 | 0.007 | 0.047 | 0.003 | 0.002 | 0.002 | 0.002 |
| 167803.480740834390 | 167803.48 | 3908685.90 | FENCEGRD | 0.155 | 0.151 | 0.146 | 0.141 | 0.007 | 0.055 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167827.695380608390 | 167827.70 | 3908688.19 | FENCEGRD | 0.167 | 0.163 | 0.158 | 0.154 | 0.008 | 0.064 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167851.910020382390 | 167851.91 | 3908690.47 | FENCEGRD | 0.176 | 0.172 | 0.168 | 0.165 | 0.008 | 0.073 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167876.124660157390 | 167876.12 | 3908692.76 | FENCEGRD | 0.182 | 0.178 | 0.174 | 0.171 | 0.008 | 0.081 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167900.339299931390 | 167900.34 | 3908695.05 | FENCEGRD | 0.191 | 0.188 | 0.184 | 0.181 | 0.009 | 0.089 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167936.849799296390 | 167936.85 | 3908769.26 | FENCEGRD | 0.256 | 0.253 | 0.250 | 0.247 | 0.011 | 0.108 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167940.948419159390 | 167940.95 | 3908793.24 | FENCEGRD | 0.269 | 0.267 | 0.264 | 0.261 | 0.011 | 0.102 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167945.047039022390 | 167945.05 | 3908817.21 | FENCEGRD | 0.281 | 0.280 | 0.279 | 0.277 | 0.012 | 0.094 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167949.145658886390 | 167949.15 | 3908841.19 | FENCEGRD | 0.287 | 0.289 | 0.291 | 0.292 | 0.012 | 0.087 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167953.244278749390 | 167953.24 | 3908865.16 | FENCEGRD | 0.284 | 0.290 | 0.296 | 0.300 | 0.013 | 0.080 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167957.342898613390 | 167957.34 | 3908889.14 | FENCEGRD | 0.272 | 0.280 | 0.290 | 0.297 | 0.014 | 0.072 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167961.441518476390 | 167961.44 | 3908913.11 | FENCEGRD | 0.261 | 0.272 | 0.284 | 0.293 | 0.015 | 0.064 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167682.407541962390 | 167682.41 | 3908674.45 | FENCEGRD | 0.082 | 0.077 | 0.072 | 0.068 | 0.004 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167661.509541962390 | 167661.51 | 3908687.54 | FENCEGRD | 0.074 | 0.070 | 0.065 | 0.062 | 0.004 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167640.611541962390 | 167640.61 | 3908700.62 | FENCEGRD | 0.066 | 0.063 | 0.059 | 0.056 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167619.713541962390 | 167619.71 | 3908713.71 | FENCEGRD | 0.060 | 0.057 | 0.054 | 0.051 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167598.815541962390 | 167598.82 | 3908726.79 | FENCEGRD | 0.054 | 0.051 | 0.048 | 0.046 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167577.917541962390 | 167577.92 | 3908739.87 | FENCEGRD | 0.049 | 0.046 | 0.044 | 0.041 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167679.157734928390 | 167679.16 | 3908634.27 | FENCEGRD | 0.071 | 0.067 | 0.063 | 0.060 | 0.004 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167702.441042403390 | 167702.44 | 3908636.48 | FENCEGRD | 0.083 | 0.078 | 0.074 | 0.070 | 0.004 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167725.724349878390 | 167725.72 | 3908638.68 | FENCEGRD | 0.096 | 0.091 | 0.086 | 0.081 | 0.005 | 0.027 | 0.002 | 0.002 | 0.00 | |

2<16 Cancer Risk

| | | | | 2<16 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167978.262327821390 | 167978.26 | 3908775.95 | FENCEGRD | 0.261 | 0.260 | 0.259 | 0.257 | 0.012 | 0.095 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167982.203308459390 | 167982.20 | 3908799.00 | FENCEGRD | 0.270 | 0.271 | 0.272 | 0.272 | 0.012 | 0.088 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167986.144289097390 | 167986.14 | 3908822.05 | FENCEGRD | 0.275 | 0.278 | 0.281 | 0.283 | 0.013 | 0.080 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167990.085269735390 | 167990.09 | 3908845.10 | FENCEGRD | 0.276 | 0.281 | 0.286 | 0.290 | 0.013 | 0.073 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167994.026250373390 | 167994.03 | 3908868.16 | FENCEGRD | 0.271 | 0.278 | 0.285 | 0.291 | 0.014 | 0.066 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167997.967231011390 | 167997.97 | 3908891.21 | FENCEGRD | 0.261 | 0.270 | 0.279 | 0.287 | 0.014 | 0.060 | 0.005 | 0.005 | 0.005 | 0.005 |
| 168001.908211649390 | 168001.91 | 3908914.26 | FENCEGRD | 0.246 | 0.256 | 0.267 | 0.276 | 0.015 | 0.053 | 0.005 | 0.005 | 0.005 | 0.005 |
| 168005.849192287390 | 168005.85 | 3908937.31 | FENCEGRD | 0.224 | 0.235 | 0.247 | 0.258 | 0.015 | 0.048 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167655.874427453390 | 167655.87 | 3908632.07 | FENCEGRD | 0.061 | 0.058 | 0.055 | 0.052 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167634.976427453390 | 167634.98 | 3908645.16 | FENCEGRD | 0.056 | 0.053 | 0.050 | 0.048 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167614.078427453390 | 167614.08 | 3908658.24 | FENCEGRD | 0.051 | 0.049 | 0.046 | 0.044 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167593.180427453390 | 167593.18 | 3908671.33 | FENCEGRD | 0.047 | 0.045 | 0.043 | 0.041 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167572.282427453390 | 167572.28 | 3908684.41 | FENCEGRD | 0.043 | 0.041 | 0.039 | 0.037 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167551.384427453390 | 167551.38 | 3908697.49 | FENCEGRD | 0.039 | 0.037 | 0.035 | 0.033 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167653.555952718390 | 167653.56 | 3908591.98 | FENCEGRD | 0.055 | 0.052 | 0.049 | 0.047 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167677.770592492390 | 167677.77 | 3908594.27 | FENCEGRD | 0.063 | 0.060 | 0.057 | 0.054 | 0.003 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167701.985232266390 | 167701.99 | 3908596.56 | FENCEGRD | 0.073 | 0.070 | 0.066 | 0.063 | 0.004 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167726.199872043908 | 167726.20 | 3908598.85 | FENCEGRD | 0.085 | 0.081 | 0.076 | 0.073 | 0.004 | 0.024 | 0.002 | 0.001 | 0.001 | 0.001 |
| 167750.414511815390 | 167750.41 | 3908601.14 | FENCEGRD | 0.092 | 0.089 | 0.086 | 0.083 | 0.005 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167774.629151589390 | 167774.63 | 3908603.43 | FENCEGRD | 0.099 | 0.095 | 0.092 | 0.089 | 0.005 | 0.032 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167798.843791363390 | 167798.84 | 3908605.72 | FENCEGRD | 0.106 | 0.103 | 0.099 | 0.096 | 0.005 | 0.037 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167823.058431138390 | 167823.06 | 3908608.00 | FENCEGRD | 0.115 | 0.112 | 0.108 | 0.105 | 0.006 | 0.043 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167847.273070912390 | 167847.27 | 3908610.29 | FENCEGRD | 0.124 | 0.121 | 0.117 | 0.114 | 0.006 | 0.049 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167871.487710686390 | 167871.49 | 3908612.58 | FENCEGRD | 0.131 | 0.129 | 0.126 | 0.123 | 0.007 | 0.055 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167895.702350461390 | 167895.70 | 3908614.87 | FENCEGRD | 0.138 | 0.135 | 0.133 | 0.130 | 0.007 | 0.061 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167919.916990235390 | 167919.92 | 3908617.16 | FENCEGRD | 0.143 | 0.141 | 0.139 | 0.136 | 0.007 | 0.066 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167944.131630009390 | 167944.13 | 3908619.45 | FENCEGRD | 0.147 | 0.145 | 0.143 | 0.141 | 0.007 | 0.070 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167968.346269784390 | 167968.35 | 3908621.74 | FENCEGRD | 0.155 | 0.153 | 0.151 | 0.149 | 0.008 | 0.076 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167996.659529421390 | 167996.66 | 3908648.00 | FENCEGRD | 0.182 | 0.180 | 0.178 | 0.176 | 0.009 | 0.091 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168000.758149285390 | 168000.76 | 3908671.98 | FENCEGRD | 0.198 | 0.196 | 0.193 | 0.191 | 0.010 | 0.097 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168004.856769148390 | 168004.86 | 3908695.95 | FENCEGRD | 0.213 | 0.211 | 0.209 | 0.207 | 0.010 | 0.099 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168008.955389012390 | 168008.96 | 3908719.92 | FENCEGRD | 0.226 | 0.225 | 0.223 | 0.222 | 0.011 | 0.098 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168013.054008875390 | 168013.05 | 3908743.90 | FENCEGRD | 0.238 | 0.237 | 0.236 | 0.235 | 0.011 | 0.093 | 0.005 | 0.005 | 0.005 | 0.005 |
| 168017.152628739390 | 168017.15 | 3908767.87 | FENCEGRD | 0.249 | 0.250 | 0.250 | 0.250 | 0.012 | 0.088 | 0.005 | 0.005 | 0.005 | 0.005 |
| 168021.251248602390 | 168021.25 | 3908791.85 | FENCEGRD | 0.256 | 0.258 | 0.261 | 0.262 | 0.013 | 0.081 | 0.005 | 0.005 | 0.005 | 0.005 |
| 168025.349868465390 | 168025.35 | 3908815.82 | FENCEGRD | 0.257 | 0.261 | 0.266 | 0.269 | 0.013 | 0.074 | 0.005 | 0.005 | 0.005 | 0.005 |
| 168029.448488329390 | 168029.45 | 3908839.80 | FENCEGRD | 0.254 | 0.260 | 0.266 | 0.271 | 0.014 | 0.067 | 0.005 | 0.005 | 0.005 | 0.005 |
| 168033.547108192390 | 168033.55 | 3908863.77 | FENCEGRD | 0.247 | 0.254 | 0.262 | 0.268 | 0.014 | 0.060 | 0.005 | 0.005 | 0.005 | 0.005 |
| 168037.645728056390 | 168037.65 | 3908887.75 | FENCEGRD | 0.234 | 0.242 | 0.251 | 0.259 | 0.014 | 0.054 | 0.005 | 0.005 | 0.005 | 0.005 |
| 168041.744347919390 | 168041.74 | 3908911.72 | FENCEGRD | 0.215 | 0.224 | 0.235 | 0.244 | 0.014 | 0.048 | 0.005 | 0.005 | 0.005 | 0.005 |
| 168045.842967783390 | 168045.84 | 3908935.70 | FENCEGRD | 0.191 | 0.201 | 0.212 | 0.222 | 0.014 | 0.043 | 0.004 | 0.004 | 0.004 | 0.005 |
| 168049.941587646390 | 168049.94 | 3908959.67 | FENCEGRD | 0.165 | 0.174 | 0.185 | 0.195 | 0.014 | 0.038 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167629.341312943390 | 167629.34 | 3908589.69 | FENCEGRD | 0.048 | 0.046 | 0.044 | 0.042 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167608.443312943390 | 167608.44 | 3908602.78 | FENCEGRD | 0.045 | 0.043 | 0.041 | 0.040 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167587.545312943390 | 167587.55 | 3908615.86 | FENCEGRD | 0.042 | 0.040 | 0.038 | 0.037 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167566.647312943390 | 167566.65 | 3908628.95 | FENCEGRD | 0.039 | 0.037 | 0.035 | 0.034 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167545.749312943390 | 167545.75 | 3908642.03 | FENCEGRD | 0.035 | 0.034 | 0.032 | 0.031 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167524.851312943390 | 167524.85 | 3908655.11 | FENCEGRD | 0.032 | 0.030 | 0.029 | 0.028 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167600.489723699390 | 167600.49 | 3908507.23 | FENCEGRD | 0.038 | 0.037 | 0.035 | 0.034 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167624.704363473390 | 167624.70 | 3908509.51 | FENCEGRD | 0.041 | 0.040 | 0.038 | 0.037 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167648.919003247390 | 167648.92 | 3908511.80 | FENCEGRD | 0.045 | 0.043 | 0.041 | 0.040 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167673.133643022390 | 167673.13 | 3908514.09 | FENCEGRD | 0.050 | 0.048 | 0.046 | 0.044 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167697.348282796390 | 167697.35 | 3908516.38 | FENCEGRD | 0.056 | 0.054 | 0.051 | 0.049 | 0.003 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167721.562922573908 | 167721.56 | 3908518.67 | FENCEGRD | 0.064 | 0.061 | 0.058 | 0.055 | 0.003 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167745.777562345390 | 167745.78 | 3908520.96 | FENCEGRD | 0.070 | 0.068 | 0.066 | 0.063 | 0.004 | 0.022 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167769.992202119390 | 167769.99 | 3908523.25 | FENCEGRD | 0.075 | 0.072 | 0.070 | 0.068 | 0.004 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167794.206841893390 | 167794.21 | 3908525.54 | FENCEGRD | 0.080 | 0.077 | 0.075 | 0.072 | 0.004 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167818.421481668390 | 167818.42 | 3908527.82 | FENCEGRD | 0.086 | 0.084 | 0.081 | 0.079 | 0.005 | 0.032 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167842.636121442390 | 167842.64 | 3908530.11 | FENCEGRD | 0.094 | 0.091 | 0.089 | 0.087 | 0.005 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167866.850761216390 | 167866.85 | 3908532.40 | FENCEGRD | 0.101 | 0.098 | 0.096 | 0.094 | 0.005 | 0.041 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167891.065400991390 | 167891.07 | 3908534.69 | FENCEGRD | 0.107 | 0.105 | 0.102 | 0.100 | 0.006 | 0.045 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167915.280040765390 | 167915.28 | 3908536.98 | FENCEGRD | 0.112 | 0.110 | 0.108 | 0.106 | 0.006 | 0.049 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167939.494680539390 | 167939.49 | 3908539.27 | FENCEGRD | 0.117 | 0.115 | 0.113 | 0.112 | 0.006 | 0.053 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167963.709320314390 | 167963.71 | 3908541.56 | FENCEGRD | 0.122 | 0.120 | 0.119 | 0.117 | 0.007 | 0.057 | 0.003 | 0.003 | 0.002 | 0.002 |
| 167987.923960088390 | 167987.92 | 3908543.84 | FENCEGRD | 0.128 | 0.126 | 0.124 | 0.123 | 0.007 | 0.062 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168012.138599862390 | 168012.14 | 3908546.13 | FENCEGRD | 0.135 | 0.134 | 0.132 | 0.130 | 0.007 | 0.069 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168036.353239637390 | 168036.35 | 3908548.42 | FENCEGRD | 0.139 | 0.136 | 0.133 | 0.130 | 0.007 | 0.074 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168064.666499274390 | 168064.67 | 3908574.69 | FENCEGRD | 0.153 | 0.151 | 0.148 | 0.145 | 0.008 | 0.081 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168068.765119138390 | 168068.77 | 3908598.66 | FENCEGRD | 0.163 | 0.161 | 0.159 | 0.157 | 0.009 | 0.085 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168072.863739001390 | 168072.86 | 3908622.64 | FENCEGRD | 0.174 | 0.173 | 0.171 | 0.169 | 0.009 | 0.088 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168076.962358865390 | 168076.96 | 3908646.61 | FENCEGRD | 0.186 | 0.185 | 0.183 | 0.180 | 0.010 | 0.091 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168081.060978728390 | 168081.06 | 3908670.58 | FENCEGRD | 0.196 | 0.196 | 0.195 | 0.193 | 0.010 | 0.090 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168085.159598592390 | 168085.16 | 3908694.56 | FENCEGRD | 0.204 | 0.204 | 0.205 | 0.204 | 0.011 | 0.087 | 0.004 | 0.004 | 0.0 | |

2<16 Cancer Risk

| | | | | 2<16 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168130.244417089390 | 168130.24 | 3908958.28 | FENCEGRD | 0.122 | 0.128 | 0.135 | 0.142 | 0.012 | 0.031 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168134.343036952390 | 168134.34 | 3908982.26 | FENCEGRD | 0.106 | 0.111 | 0.117 | 0.123 | 0.011 | 0.027 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168138.441656816390 | 168138.44 | 3909006.23 | FENCEGRD | 0.092 | 0.096 | 0.101 | 0.106 | 0.010 | 0.025 | 0.002 | 0.002 | 0.002 | 0.003 |
| 167576.275083924390 | 167576.28 | 3908504.94 | FENCEGRD | 0.035 | 0.034 | 0.033 | 0.032 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167555.377083924390 | 167555.38 | 3908518.02 | FENCEGRD | 0.033 | 0.032 | 0.031 | 0.030 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167534.479083924390 | 167534.48 | 3908531.10 | FENCEGRD | 0.031 | 0.030 | 0.029 | 0.028 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.000 |
| 167513.581083924390 | 167513.58 | 3908544.19 | FENCEGRD | 0.029 | 0.028 | 0.026 | 0.025 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167492.683083924390 | 167492.68 | 3908557.27 | FENCEGRD | 0.026 | 0.025 | 0.024 | 0.023 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167471.785083924390 | 167471.79 | 3908570.36 | FENCEGRD | 0.024 | 0.023 | 0.022 | 0.021 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167547.423494683908 | 167547.42 | 3908422.47 | FENCEGRD | 0.027 | 0.026 | 0.026 | 0.026 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.000 |
| 167571.638134454390 | 167571.64 | 3908424.76 | FENCEGRD | 0.029 | 0.029 | 0.028 | 0.028 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167595.852774228390 | 167595.85 | 3908427.04 | FENCEGRD | 0.032 | 0.031 | 0.031 | 0.031 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167620.067414003390 | 167620.07 | 3908429.33 | FENCEGRD | 0.034 | 0.034 | 0.034 | 0.033 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167644.282053777390 | 167644.28 | 3908431.62 | FENCEGRD | 0.038 | 0.037 | 0.037 | 0.036 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167668.496693551390 | 167668.50 | 3908433.91 | FENCEGRD | 0.041 | 0.041 | 0.039 | 0.038 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167692.711333325390 | 167692.71 | 3908436.20 | FENCEGRD | 0.046 | 0.044 | 0.043 | 0.041 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167716.925973139084 | 167716.93 | 3908438.49 | FENCEGRD | 0.050 | 0.049 | 0.047 | 0.045 | 0.003 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167741.140612874390 | 167741.14 | 3908440.78 | FENCEGRD | 0.055 | 0.053 | 0.051 | 0.049 | 0.003 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167765.355252648390 | 167765.36 | 3908443.07 | FENCEGRD | 0.060 | 0.058 | 0.056 | 0.055 | 0.004 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167789.569892423390 | 167789.57 | 3908445.35 | FENCEGRD | 0.063 | 0.062 | 0.060 | 0.059 | 0.004 | 0.023 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167813.784532197390 | 167813.78 | 3908447.64 | FENCEGRD | 0.068 | 0.067 | 0.065 | 0.063 | 0.004 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167837.999171971390 | 167838.00 | 3908449.93 | FENCEGRD | 0.073 | 0.071 | 0.070 | 0.068 | 0.004 | 0.028 | 0.002 | 0.002 | 0.002 | 0.001 |
| 167862.213811746390 | 167862.21 | 3908452.22 | FENCEGRD | 0.079 | 0.077 | 0.075 | 0.074 | 0.005 | 0.032 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167886.428451523908 | 167886.43 | 3908454.51 | FENCEGRD | 0.085 | 0.083 | 0.081 | 0.080 | 0.005 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167910.643091294390 | 167910.64 | 3908456.80 | FENCEGRD | 0.090 | 0.088 | 0.087 | 0.085 | 0.005 | 0.040 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167934.857731068390 | 167934.86 | 3908459.09 | FENCEGRD | 0.095 | 0.093 | 0.092 | 0.090 | 0.006 | 0.043 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167959.072370843390 | 167959.07 | 3908461.38 | FENCEGRD | 0.100 | 0.099 | 0.097 | 0.096 | 0.006 | 0.047 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167983.287010617390 | 167983.29 | 3908463.66 | FENCEGRD | 0.105 | 0.103 | 0.102 | 0.100 | 0.006 | 0.051 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168007.501650391390 | 168007.50 | 3908465.95 | FENCEGRD | 0.108 | 0.106 | 0.104 | 0.101 | 0.006 | 0.056 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168031.716290166390 | 168031.72 | 3908468.24 | FENCEGRD | 0.109 | 0.107 | 0.104 | 0.102 | 0.006 | 0.057 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168055.930929943908 | 168055.93 | 3908470.53 | FENCEGRD | 0.111 | 0.109 | 0.106 | 0.104 | 0.006 | 0.058 | 0.003 | 0.002 | 0.002 | 0.002 |
| 168080.145569714390 | 168080.15 | 3908472.82 | FENCEGRD | 0.113 | 0.111 | 0.108 | 0.106 | 0.006 | 0.061 | 0.003 | 0.003 | 0.003 | 0.002 |
| 168104.360209489390 | 168104.36 | 3908475.11 | FENCEGRD | 0.115 | 0.113 | 0.110 | 0.108 | 0.007 | 0.063 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168132.673469126390 | 168132.67 | 3908501.37 | FENCEGRD | 0.127 | 0.125 | 0.123 | 0.121 | 0.007 | 0.071 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168136.772088993908 | 168136.77 | 3908525.35 | FENCEGRD | 0.136 | 0.134 | 0.132 | 0.130 | 0.008 | 0.075 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168140.870708853390 | 168140.87 | 3908549.32 | FENCEGRD | 0.145 | 0.143 | 0.142 | 0.139 | 0.008 | 0.078 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168144.969328717390 | 168144.97 | 3908573.30 | FENCEGRD | 0.153 | 0.152 | 0.150 | 0.148 | 0.009 | 0.081 | 0.004 | 0.004 | 0.004 | 0.003 |
| 168149.067948583908 | 168149.07 | 3908597.27 | FENCEGRD | 0.161 | 0.160 | 0.159 | 0.158 | 0.009 | 0.081 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168153.166568444390 | 168153.17 | 3908621.24 | FENCEGRD | 0.168 | 0.167 | 0.167 | 0.167 | 0.010 | 0.079 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168157.265188307390 | 168157.27 | 3908645.22 | FENCEGRD | 0.173 | 0.174 | 0.174 | 0.174 | 0.010 | 0.077 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168161.363808171390 | 168161.36 | 3908669.19 | FENCEGRD | 0.179 | 0.180 | 0.181 | 0.181 | 0.011 | 0.075 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168165.462428034390 | 168165.46 | 3908693.17 | FENCEGRD | 0.181 | 0.182 | 0.184 | 0.186 | 0.011 | 0.070 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168169.561047897390 | 168169.56 | 3908717.14 | FENCEGRD | 0.180 | 0.183 | 0.186 | 0.188 | 0.011 | 0.065 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168173.659667761390 | 168173.66 | 3908741.12 | FENCEGRD | 0.177 | 0.181 | 0.184 | 0.187 | 0.011 | 0.060 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168177.758287624390 | 168177.76 | 3908765.09 | FENCEGRD | 0.175 | 0.179 | 0.183 | 0.187 | 0.011 | 0.056 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168181.856907488390 | 168181.86 | 3908789.07 | FENCEGRD | 0.173 | 0.177 | 0.182 | 0.186 | 0.012 | 0.052 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168185.955527351390 | 168185.96 | 3908813.04 | FENCEGRD | 0.166 | 0.171 | 0.177 | 0.181 | 0.012 | 0.048 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168190.054147215390 | 168190.05 | 3908837.02 | FENCEGRD | 0.156 | 0.162 | 0.168 | 0.173 | 0.012 | 0.043 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168194.152767078390 | 168194.15 | 3908860.99 | FENCEGRD | 0.145 | 0.150 | 0.157 | 0.162 | 0.011 | 0.039 | 0.003 | 0.004 | 0.004 | 0.004 |
| 168198.251386942390 | 168198.25 | 3908884.97 | FENCEGRD | 0.133 | 0.138 | 0.145 | 0.151 | 0.011 | 0.035 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168202.350006805390 | 168202.35 | 3908908.94 | FENCEGRD | 0.117 | 0.122 | 0.128 | 0.134 | 0.011 | 0.032 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168206.448626668390 | 168206.45 | 3908932.92 | FENCEGRD | 0.102 | 0.107 | 0.112 | 0.118 | 0.010 | 0.028 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168210.547246532390 | 168210.55 | 3908956.89 | FENCEGRD | 0.091 | 0.095 | 0.099 | 0.104 | 0.010 | 0.025 | 0.002 | 0.002 | 0.002 | 0.003 |
| 168214.645866395390 | 168214.65 | 3908980.87 | FENCEGRD | 0.082 | 0.085 | 0.089 | 0.093 | 0.009 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168218.744486259390 | 168218.74 | 3909004.84 | FENCEGRD | 0.073 | 0.076 | 0.080 | 0.083 | 0.008 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168222.843106122390 | 168222.84 | 3909028.82 | FENCEGRD | 0.065 | 0.068 | 0.071 | 0.074 | 0.008 | 0.019 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168226.941725986390 | 168226.94 | 3909052.79 | FENCEGRD | 0.058 | 0.060 | 0.063 | 0.065 | 0.007 | 0.017 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167523.208854905390 | 167523.21 | 3908420.18 | FENCEGRD | 0.024 | 0.024 | 0.024 | 0.023 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167502.310854905390 | 167502.31 | 3908433.26 | FENCEGRD | 0.024 | 0.023 | 0.023 | 0.023 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167481.412854905390 | 167481.41 | 3908446.35 | FENCEGRD | 0.023 | 0.023 | 0.023 | 0.022 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167460.514854905390 | 167460.51 | 3908459.43 | FENCEGRD | 0.023 | 0.022 | 0.022 | 0.021 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167439.616854905390 | 167439.62 | 3908472.51 | FENCEGRD | 0.022 | 0.021 | 0.020 | 0.020 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167418.718854905390 | 167418.72 | 3908485.60 | FENCEGRD | 0.020 | 0.020 | 0.019 | 0.018 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167494.357265661390 | 167494.36 | 3908337.71 | FENCEGRD | 0.016 | 0.016 | 0.015 | 0.015 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167518.571905435390 | 167518.57 | 3908340.00 | FENCEGRD | 0.018 | 0.017 | 0.017 | 0.017 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167542.786545209390 | 167542.79 | 3908342.29 | FENCEGRD | 0.020 | 0.019 | 0.019 | 0.019 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167567.001184984390 | 167567.00 | 3908344.57 | FENCEGRD | 0.021 | 0.021 | 0.021 | 0.020 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167591.215824758390 | 167591.22 | 3908346.86 | FENCEGRD | 0.023 | 0.023 | 0.022 | 0.022 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167615.430464532390 | 167615.43 | 3908349.15 | FENCEGRD | 0.025 | 0.024 | 0.024 | 0.024 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.000 |
| 167639.645104307390 | 167639.65 | 3908351.44 | FENCEGRD | 0.026 | 0.026 | 0.025 | 0.025 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167663.859744081390 | 167663.86 | 3908353.73 | FENCEGRD | 0.029 | 0.028 | 0.028 | 0.027 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167688.074383855390 | 167688.07 | 3908356.02 | FENCEGRD | 0.032 | 0.031 | 0.030 | 0.030 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167712.289023633908 | 167712.29 | 3908358.31 | FENCEGRD | 0.035 | 0.034 | 0.034 | 0.033 | 0.002 | 0.012 | 0.001 | 0.001 | 0.0 | |

2<16 Cancer Risk

| | | | | 2<16 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|---------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167978.650061147390 | 167978.65 | 3908383.48 | FENCEGRD | 0.085 | 0.083 | 0.081 | 0.079 | 0.005 | 0.042 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168002.864700921390 | 168002.86 | 3908385.77 | FENCEGRD | 0.086 | 0.084 | 0.082 | 0.080 | 0.005 | 0.043 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168027.079340696390 | 168027.08 | 3908388.06 | FENCEGRD | 0.087 | 0.085 | 0.083 | 0.081 | 0.005 | 0.044 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168051.293980473908 | 168051.29 | 3908390.35 | FENCEGRD | 0.089 | 0.087 | 0.085 | 0.083 | 0.005 | 0.046 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168075.508620244390 | 168075.51 | 3908392.64 | FENCEGRD | 0.090 | 0.089 | 0.087 | 0.085 | 0.005 | 0.047 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168099.723260019390 | 168099.72 | 3908394.93 | FENCEGRD | 0.092 | 0.091 | 0.089 | 0.087 | 0.006 | 0.049 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168123.937899793390 | 168123.94 | 3908397.22 | FENCEGRD | 0.095 | 0.094 | 0.092 | 0.090 | 0.006 | 0.052 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168148.152539567390 | 168148.15 | 3908399.50 | FENCEGRD | 0.098 | 0.096 | 0.094 | 0.093 | 0.006 | 0.055 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168172.367179342390 | 168172.37 | 3908401.79 | FENCEGRD | 0.100 | 0.099 | 0.097 | 0.095 | 0.006 | 0.057 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168200.680438979390 | 168200.68 | 3908428.06 | FENCEGRD | 0.109 | 0.107 | 0.105 | 0.104 | 0.007 | 0.063 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168204.779058843390 | 168204.78 | 3908452.03 | FENCEGRD | 0.115 | 0.114 | 0.112 | 0.111 | 0.007 | 0.066 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168208.877678706390 | 168208.88 | 3908476.01 | FENCEGRD | 0.122 | 0.121 | 0.119 | 0.118 | 0.008 | 0.068 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168212.976298573908 | 168212.98 | 3908499.98 | FENCEGRD | 0.128 | 0.127 | 0.126 | 0.125 | 0.008 | 0.070 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168217.074918433390 | 168217.07 | 3908523.96 | FENCEGRD | 0.134 | 0.134 | 0.133 | 0.132 | 0.009 | 0.070 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168221.173538297390 | 168221.17 | 3908547.93 | FENCEGRD | 0.140 | 0.139 | 0.139 | 0.138 | 0.009 | 0.070 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168225.272158163908 | 168225.27 | 3908571.90 | FENCEGRD | 0.145 | 0.145 | 0.145 | 0.145 | 0.009 | 0.069 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168229.370778023390 | 168229.37 | 3908595.88 | FENCEGRD | 0.150 | 0.150 | 0.151 | 0.151 | 0.009 | 0.069 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168233.469397887390 | 168233.47 | 3908619.85 | FENCEGRD | 0.154 | 0.155 | 0.156 | 0.156 | 0.010 | 0.068 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168237.568017753908 | 168237.57 | 3908643.83 | FENCEGRD | 0.156 | 0.158 | 0.159 | 0.161 | 0.010 | 0.066 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168241.666637614390 | 168241.67 | 3908667.80 | FENCEGRD | 0.158 | 0.160 | 0.162 | 0.163 | 0.011 | 0.063 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168245.765257477390 | 168245.77 | 3908691.78 | FENCEGRD | 0.158 | 0.160 | 0.163 | 0.165 | 0.011 | 0.060 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168249.863877341390 | 168249.86 | 3908715.75 | FENCEGRD | 0.156 | 0.159 | 0.162 | 0.165 | 0.011 | 0.056 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168253.962497204390 | 168253.96 | 3908739.73 | FENCEGRD | 0.152 | 0.155 | 0.158 | 0.161 | 0.011 | 0.051 | 0.004 | 0.004 | 0.004 | 0.004 |
| 168258.061117067390 | 168258.06 | 3908763.70 | FENCEGRD | 0.143 | 0.146 | 0.150 | 0.154 | 0.010 | 0.046 | 0.003 | 0.003 | 0.004 | 0.004 |
| 168262.159736931390 | 168262.16 | 3908787.68 | FENCEGRD | 0.135 | 0.139 | 0.143 | 0.147 | 0.010 | 0.042 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168266.258356794390 | 168266.26 | 3908811.65 | FENCEGRD | 0.126 | 0.130 | 0.135 | 0.139 | 0.010 | 0.038 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168270.356976658390 | 168270.36 | 3908835.63 | FENCEGRD | 0.115 | 0.119 | 0.124 | 0.129 | 0.010 | 0.035 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168274.455596521390 | 168274.46 | 3908859.60 | FENCEGRD | 0.104 | 0.108 | 0.113 | 0.117 | 0.009 | 0.031 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168278.554216385390 | 168278.55 | 3908883.58 | FENCEGRD | 0.094 | 0.098 | 0.103 | 0.107 | 0.009 | 0.028 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168282.652836248390 | 168282.65 | 3908907.55 | FENCEGRD | 0.085 | 0.089 | 0.093 | 0.097 | 0.009 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168286.751456111390 | 168286.75 | 3908931.53 | FENCEGRD | 0.076 | 0.079 | 0.083 | 0.086 | 0.008 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168290.850075975390 | 168290.85 | 3908955.50 | FENCEGRD | 0.068 | 0.071 | 0.074 | 0.076 | 0.008 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168294.948695838390 | 168294.95 | 3908979.48 | FENCEGRD | 0.062 | 0.064 | 0.066 | 0.069 | 0.007 | 0.019 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168299.047315702390 | 168299.05 | 3909003.45 | FENCEGRD | 0.055 | 0.057 | 0.059 | 0.061 | 0.007 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168303.145935565390 | 168303.15 | 3909027.42 | FENCEGRD | 0.049 | 0.051 | 0.053 | 0.055 | 0.006 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168307.244555429390 | 168307.24 | 3909051.40 | FENCEGRD | 0.044 | 0.046 | 0.048 | 0.049 | 0.005 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168311.343175292390 | 168311.34 | 3909075.37 | FENCEGRD | 0.039 | 0.041 | 0.042 | 0.044 | 0.005 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168315.441795156390 | 168315.44 | 3909099.35 | FENCEGRD | 0.035 | 0.036 | 0.038 | 0.039 | 0.005 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167470.142625886390 | 167470.14 | 3908335.42 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167449.244625886390 | 167449.24 | 3908348.50 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167428.346625886390 | 167428.35 | 3908361.59 | FENCEGRD | 0.014 | 0.014 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167407.448625886390 | 167407.45 | 3908374.67 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167386.550625886390 | 167386.55 | 3908387.76 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167365.652625886390 | 167365.65 | 3908400.84 | FENCEGRD | 0.013 | 0.013 | 0.012 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167441.291036642390 | 167441.29 | 3908252.95 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167465.505676416390 | 167465.51 | 3908255.24 | FENCEGRD | 0.012 | 0.012 | 0.011 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167489.720316193908 | 167489.72 | 3908257.53 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167513.934955965390 | 167513.93 | 3908259.82 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.014 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167538.149595739390 | 167538.15 | 3908262.11 | FENCEGRD | 0.017 | 0.017 | 0.016 | 0.016 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167562.364235513390 | 167562.36 | 3908264.39 | FENCEGRD | 0.019 | 0.019 | 0.018 | 0.018 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167586.578875288390 | 167586.58 | 3908266.68 | FENCEGRD | 0.020 | 0.020 | 0.020 | 0.020 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167610.793515062390 | 167610.79 | 3908268.97 | FENCEGRD | 0.022 | 0.022 | 0.022 | 0.021 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167635.008154836390 | 167635.01 | 3908271.26 | FENCEGRD | 0.024 | 0.023 | 0.023 | 0.023 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167659.222794611390 | 167659.22 | 3908273.55 | FENCEGRD | 0.025 | 0.025 | 0.025 | 0.024 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167683.437434385390 | 167683.44 | 3908275.84 | FENCEGRD | 0.027 | 0.027 | 0.026 | 0.026 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167707.652074159390 | 167707.65 | 3908278.13 | FENCEGRD | 0.030 | 0.029 | 0.029 | 0.028 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167731.866713934390 | 167731.87 | 3908280.41 | FENCEGRD | 0.033 | 0.032 | 0.031 | 0.031 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167756.081353708390 | 167756.08 | 3908282.70 | FENCEGRD | 0.036 | 0.035 | 0.034 | 0.033 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167780.295993482390 | 167780.30 | 3908284.99 | FENCEGRD | 0.039 | 0.038 | 0.037 | 0.037 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167804.510633257390 | 167804.51 | 3908287.28 | FENCEGRD | 0.043 | 0.042 | 0.041 | 0.040 | 0.003 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167828.725273031390 | 167828.73 | 3908289.57 | FENCEGRD | 0.046 | 0.045 | 0.044 | 0.044 | 0.003 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167852.939912805390 | 167852.94 | 3908291.86 | FENCEGRD | 0.050 | 0.049 | 0.048 | 0.047 | 0.003 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167877.154552583908 | 167877.15 | 3908294.15 | FENCEGRD | 0.054 | 0.052 | 0.051 | 0.050 | 0.004 | 0.023 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167901.369192354390 | 167901.37 | 3908296.44 | FENCEGRD | 0.057 | 0.056 | 0.055 | 0.054 | 0.004 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167925.583832128390 | 167925.58 | 3908298.72 | FENCEGRD | 0.061 | 0.060 | 0.058 | 0.057 | 0.004 | 0.027 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167949.798471903390 | 167949.80 | 3908301.01 | FENCEGRD | 0.065 | 0.064 | 0.063 | 0.062 | 0.004 | 0.031 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167974.013111677390 | 167974.01 | 3908303.30 | FENCEGRD | 0.068 | 0.067 | 0.065 | 0.063 | 0.004 | 0.034 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167998.227751451390 | 167998.23 | 3908305.59 | FENCEGRD | 0.070 | 0.068 | 0.066 | 0.065 | 0.004 | 0.035 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168022.442391225390 | 168022.44 | 3908307.88 | FENCEGRD | 0.071 | 0.070 | 0.068 | 0.066 | 0.004 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168046.657031390830 | 168046.66 | 3908310.17 | FENCEGRD | 0.073 | 0.072 | 0.070 | 0.068 | 0.005 | 0.037 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168070.871670774390 | 168070.87 | 3908312.46 | FENCEGRD | 0.075 | 0.074 | 0.072 | 0.071 | 0.005 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168095.086310548390 | 168095.09 | 3908314.75 | FENCEGRD | 0.077 | 0.075 | 0.074 | 0.072 | 0.005 | 0.041 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168119.300950323390 | 168119.30 | 3908317.03 | FENCEGRD | 0.078 | 0.077 | 0.076 | 0.074 | 0.005 | 0.042</ | | | | |

2<16 Cancer Risk

| | | | | 2<16 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|---------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168289.180508149390 | 168289.18 | 3908474.62 | FENCEGRD | 0.120 | 0.119 | 0.119 | 0.118 | 0.008 | 0.064 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168293.279128013390 | 168293.28 | 3908498.59 | FENCEGRD | 0.124 | 0.124 | 0.124 | 0.123 | 0.008 | 0.064 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168297.377747876390 | 168297.38 | 3908522.56 | FENCEGRD | 0.128 | 0.128 | 0.128 | 0.128 | 0.009 | 0.063 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168301.476367743908 | 168301.48 | 3908546.54 | FENCEGRD | 0.131 | 0.131 | 0.132 | 0.132 | 0.009 | 0.062 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168305.574987603390 | 168305.57 | 3908570.51 | FENCEGRD | 0.133 | 0.134 | 0.135 | 0.136 | 0.009 | 0.061 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168309.673607466390 | 168309.67 | 3908594.49 | FENCEGRD | 0.135 | 0.136 | 0.138 | 0.139 | 0.009 | 0.060 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168313.772227333908 | 168313.77 | 3908618.46 | FENCEGRD | 0.136 | 0.137 | 0.139 | 0.141 | 0.010 | 0.058 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168317.870847193390 | 168317.87 | 3908642.44 | FENCEGRD | 0.135 | 0.137 | 0.139 | 0.141 | 0.010 | 0.055 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168321.969467057390 | 168321.97 | 3908666.41 | FENCEGRD | 0.133 | 0.135 | 0.138 | 0.140 | 0.010 | 0.051 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168326.068086923908 | 168326.07 | 3908690.39 | FENCEGRD | 0.128 | 0.131 | 0.134 | 0.136 | 0.010 | 0.047 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168330.166706784390 | 168330.17 | 3908714.36 | FENCEGRD | 0.124 | 0.126 | 0.130 | 0.132 | 0.009 | 0.043 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168334.265326647390 | 168334.27 | 3908738.34 | FENCEGRD | 0.117 | 0.120 | 0.123 | 0.126 | 0.009 | 0.040 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168338.363946511390 | 168338.36 | 3908762.31 | FENCEGRD | 0.107 | 0.110 | 0.113 | 0.116 | 0.009 | 0.036 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168342.462566374390 | 168342.46 | 3908786.29 | FENCEGRD | 0.097 | 0.100 | 0.103 | 0.107 | 0.009 | 0.033 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168346.561186237390 | 168346.56 | 3908810.26 | FENCEGRD | 0.089 | 0.092 | 0.096 | 0.099 | 0.008 | 0.030 | 0.002 | 0.003 | 0.003 | 0.003 |
| 168350.659806101390 | 168350.66 | 3908834.24 | FENCEGRD | 0.082 | 0.085 | 0.089 | 0.092 | 0.008 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168354.758425964390 | 168354.76 | 3908858.21 | FENCEGRD | 0.075 | 0.078 | 0.081 | 0.085 | 0.008 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168358.857045828390 | 168358.86 | 3908882.19 | FENCEGRD | 0.069 | 0.071 | 0.074 | 0.077 | 0.008 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168362.955665691390 | 168362.96 | 3908906.16 | FENCEGRD | 0.063 | 0.066 | 0.069 | 0.071 | 0.007 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168367.054285555390 | 168367.05 | 3908930.14 | FENCEGRD | 0.058 | 0.060 | 0.063 | 0.065 | 0.007 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168371.152905418390 | 168371.15 | 3908954.11 | FENCEGRD | 0.053 | 0.055 | 0.057 | 0.059 | 0.006 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168375.251525281390 | 168375.25 | 3908978.08 | FENCEGRD | 0.048 | 0.049 | 0.051 | 0.053 | 0.006 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168379.350145145390 | 168379.35 | 3909002.06 | FENCEGRD | 0.043 | 0.044 | 0.046 | 0.047 | 0.005 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168383.448765008390 | 168383.45 | 3909026.03 | FENCEGRD | 0.038 | 0.039 | 0.041 | 0.042 | 0.005 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168387.547384872390 | 168387.55 | 3909050.01 | FENCEGRD | 0.033 | 0.035 | 0.036 | 0.038 | 0.004 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168391.646004735390 | 168391.65 | 3909073.98 | FENCEGRD | 0.030 | 0.031 | 0.032 | 0.033 | 0.004 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168395.744624599390 | 168395.74 | 3909097.96 | FENCEGRD | 0.027 | 0.028 | 0.029 | 0.030 | 0.004 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168399.843244462390 | 168399.84 | 3909121.93 | FENCEGRD | 0.025 | 0.025 | 0.026 | 0.027 | 0.004 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168403.941864325390 | 168403.94 | 3909145.91 | FENCEGRD | 0.022 | 0.023 | 0.024 | 0.025 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167417.076396867390 | 167417.08 | 3908250.66 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167396.178396867390 | 167396.18 | 3908263.75 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167375.280396867390 | 167375.28 | 3908276.83 | FENCEGRD | 0.009 | 0.009 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167354.382396867390 | 167354.38 | 3908289.91 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167333.484396867390 | 167333.48 | 3908303.00 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167312.586396867390 | 167312.59 | 3908316.08 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167640.127983382390 | 167640.13 | 3908885.50 | FENCEGRD | 0.122 | 0.111 | 0.099 | 0.091 | 0.005 | 0.038 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167628.894347019390 | 167628.89 | 3908906.15 | FENCEGRD | 0.114 | 0.103 | 0.092 | 0.084 | 0.005 | 0.045 | 0.002 | 0.001 | 0.001 | 0.001 |
| 167617.660710655390 | 167617.66 | 3908926.80 | FENCEGRD | 0.103 | 0.092 | 0.081 | 0.074 | 0.005 | 0.052 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167618.166975073390 | 167618.17 | 3908873.55 | FENCEGRD | 0.090 | 0.083 | 0.075 | 0.070 | 0.004 | 0.027 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167606.933338713908 | 167606.93 | 3908894.20 | FENCEGRD | 0.083 | 0.076 | 0.069 | 0.064 | 0.004 | 0.032 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167595.699702346390 | 167595.70 | 3908914.85 | FENCEGRD | 0.073 | 0.067 | 0.061 | 0.056 | 0.004 | 0.038 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167584.466065983390 | 167584.47 | 3908935.50 | FENCEGRD | 0.061 | 0.056 | 0.050 | 0.047 | 0.004 | 0.043 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167573.232429619390 | 167573.23 | 3908956.15 | FENCEGRD | 0.048 | 0.044 | 0.040 | 0.038 | 0.003 | 0.049 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167607.798568173908 | 167607.80 | 3908849.28 | FENCEGRD | 0.076 | 0.070 | 0.065 | 0.061 | 0.004 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167584.972330401390 | 167584.97 | 3908882.26 | FENCEGRD | 0.064 | 0.059 | 0.054 | 0.050 | 0.003 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167573.738694037390 | 167573.74 | 3908902.91 | FENCEGRD | 0.056 | 0.052 | 0.047 | 0.045 | 0.003 | 0.028 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167562.505057674390 | 167562.51 | 3908923.56 | FENCEGRD | 0.047 | 0.043 | 0.040 | 0.038 | 0.003 | 0.034 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167551.271421313908 | 167551.27 | 3908944.21 | FENCEGRD | 0.038 | 0.036 | 0.034 | 0.033 | 0.003 | 0.039 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167540.037784946390 | 167540.04 | 3908964.86 | FENCEGRD | 0.031 | 0.030 | 0.029 | 0.028 | 0.003 | 0.044 | 0.001 | 0.001 | 0.001 | 0.000 |
| 167528.804148583390 | 167528.80 | 3908985.51 | FENCEGRD | 0.026 | 0.026 | 0.026 | 0.026 | 0.002 | 0.048 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167517.570512219390 | 167517.57 | 3909006.16 | FENCEGRD | 0.025 | 0.025 | 0.026 | 0.026 | 0.002 | 0.053 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167506.336875855390 | 167506.34 | 3909026.81 | FENCEGRD | 0.025 | 0.026 | 0.026 | 0.027 | 0.002 | 0.056 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167495.103239492390 | 167495.10 | 3909047.46 | FENCEGRD | 0.027 | 0.027 | 0.028 | 0.029 | 0.002 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167565.325626728390 | 167565.33 | 3908823.85 | FENCEGRD | 0.050 | 0.047 | 0.044 | 0.041 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167541.050313783390 | 167541.05 | 3908858.36 | FENCEGRD | 0.041 | 0.039 | 0.036 | 0.034 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167529.816677423908 | 167529.82 | 3908879.01 | FENCEGRD | 0.037 | 0.035 | 0.033 | 0.032 | 0.002 | 0.018 | 0.001 | 0.001 | 0.000 | 0.000 |
| 167518.583041056390 | 167518.58 | 3908899.66 | FENCEGRD | 0.033 | 0.031 | 0.030 | 0.029 | 0.002 | 0.022 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167507.349404692390 | 167507.35 | 3908920.32 | FENCEGRD | 0.029 | 0.029 | 0.028 | 0.027 | 0.002 | 0.026 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167496.115768329390 | 167496.12 | 3908940.97 | FENCEGRD | 0.027 | 0.027 | 0.026 | 0.026 | 0.002 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167484.882131965390 | 167484.88 | 3908961.62 | FENCEGRD | 0.026 | 0.026 | 0.027 | 0.027 | 0.002 | 0.034 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167473.648495601390 | 167473.65 | 3908982.27 | FENCEGRD | 0.027 | 0.027 | 0.028 | 0.028 | 0.001 | 0.039 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167462.414859238390 | 167462.41 | 3909002.92 | FENCEGRD | 0.028 | 0.029 | 0.029 | 0.029 | 0.001 | 0.043 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167451.181222874390 | 167451.18 | 3909023.57 | FENCEGRD | 0.030 | 0.031 | 0.031 | 0.031 | 0.001 | 0.047 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167439.947586511390 | 167439.95 | 3909044.22 | FENCEGRD | 0.035 | 0.035 | 0.036 | 0.036 | 0.001 | 0.051 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167522.273055216390 | 167522.27 | 3908799.03 | FENCEGRD | 0.035 | 0.033 | 0.031 | 0.030 | 0.002 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167550.095298589390 | 167550.10 | 3908769.45 | FENCEGRD | 0.042 | 0.040 | 0.037 | 0.036 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167497.128297166390 | 167497.13 | 3908834.47 | FENCEGRD | 0.030 | 0.028 | 0.027 | 0.026 | 0.002 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167485.894660802390 | 167485.89 | 3908855.12 | FENCEGRD | 0.028 | 0.027 | 0.025 | 0.025 | 0.002 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167474.661024438390 | 167474.66 | 3908875.77 | FENCEGRD | 0.026 | 0.025 | 0.024 | 0.024 | 0.002 | 0.015 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167463.427388075390 | 167463.43 | 3908896.42 | FENCEGRD | 0.025 | 0.025 | 0.024 | 0.024 | 0.001 | 0.018 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167452.193751711390 | 167452.19 | 3908917.07 | FENCEGRD | 0.025 | 0.025 | 0.025 | 0.024 | 0.001 | 0.021 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167440.960115347390 | 167440.96 | 3908937.73 | FENCEGRD | 0.026 | 0.026 | 0.026 | 0.026 | 0.001 | 0.025 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167429.726478984390 | 167429.73 | 3908958.38 | FENCEGRD | 0.028 | 0.028 | 0.027 | 0.027 | 0.001 | 0.029</ | | | | |

2<16 Cancer Risk

| | | | | 2<16 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|---------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167408.271735093390 | 167408.27 | 3908893.18 | FENCEGRD | 0.024 | 0.023 | 0.023 | 0.023 | 0.001 | 0.016 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167397.038098733908 | 167397.04 | 3908913.83 | FENCEGRD | 0.025 | 0.025 | 0.024 | 0.024 | 0.001 | 0.019 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167385.804462366390 | 167385.80 | 3908934.48 | FENCEGRD | 0.026 | 0.026 | 0.025 | 0.025 | 0.001 | 0.022 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167374.570826002390 | 167374.57 | 3908955.13 | FENCEGRD | 0.027 | 0.027 | 0.027 | 0.026 | 0.001 | 0.025 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167363.337189639390 | 167363.34 | 3908975.79 | FENCEGRD | 0.030 | 0.029 | 0.029 | 0.028 | 0.001 | 0.028 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167352.103553275390 | 167352.10 | 3908996.44 | FENCEGRD | 0.033 | 0.032 | 0.032 | 0.031 | 0.001 | 0.032 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167340.869916911390 | 167340.87 | 3909017.09 | FENCEGRD | 0.038 | 0.037 | 0.036 | 0.036 | 0.001 | 0.035 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167435.422673529390 | 167435.42 | 3908750.19 | FENCEGRD | 0.021 | 0.021 | 0.020 | 0.019 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167465.232220001390 | 167465.23 | 3908718.50 | FENCEGRD | 0.024 | 0.023 | 0.022 | 0.022 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167495.041766472390 | 167495.04 | 3908686.81 | FENCEGRD | 0.028 | 0.027 | 0.025 | 0.024 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167409.284263933908 | 167409.28 | 3908786.69 | FENCEGRD | 0.020 | 0.019 | 0.019 | 0.018 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167398.050627566390 | 167398.05 | 3908807.34 | FENCEGRD | 0.019 | 0.019 | 0.019 | 0.018 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167386.816991203390 | 167386.82 | 3908827.99 | FENCEGRD | 0.020 | 0.020 | 0.019 | 0.019 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167375.583354839390 | 167375.58 | 3908848.64 | FENCEGRD | 0.021 | 0.020 | 0.020 | 0.020 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167364.349718476390 | 167364.35 | 3908869.29 | FENCEGRD | 0.022 | 0.021 | 0.021 | 0.021 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167353.116082112390 | 167353.12 | 3908889.94 | FENCEGRD | 0.023 | 0.023 | 0.022 | 0.022 | 0.001 | 0.015 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167341.882445748390 | 167341.88 | 3908910.59 | FENCEGRD | 0.024 | 0.024 | 0.023 | 0.023 | 0.001 | 0.017 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167330.648809385390 | 167330.65 | 3908931.24 | FENCEGRD | 0.025 | 0.025 | 0.024 | 0.024 | 0.001 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167319.415173021390 | 167319.42 | 3908951.89 | FENCEGRD | 0.027 | 0.026 | 0.026 | 0.025 | 0.001 | 0.022 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167308.181536657390 | 167308.18 | 3908972.54 | FENCEGRD | 0.029 | 0.029 | 0.028 | 0.028 | 0.001 | 0.025 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167296.947900294390 | 167296.95 | 3908993.19 | FENCEGRD | 0.033 | 0.033 | 0.032 | 0.031 | 0.001 | 0.028 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167348.130668932390 | 167348.13 | 3908701.82 | FENCEGRD | 0.016 | 0.015 | 0.015 | 0.015 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167379.044272683908 | 167379.04 | 3908668.95 | FENCEGRD | 0.017 | 0.016 | 0.016 | 0.015 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167394.501074554390 | 167394.50 | 3908652.52 | FENCEGRD | 0.018 | 0.017 | 0.017 | 0.016 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167409.957876428390 | 167409.96 | 3908636.09 | FENCEGRD | 0.019 | 0.018 | 0.017 | 0.017 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167440.871480176390 | 167440.87 | 3908603.22 | FENCEGRD | 0.021 | 0.020 | 0.020 | 0.019 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167456.328282053908 | 167456.33 | 3908586.79 | FENCEGRD | 0.023 | 0.022 | 0.021 | 0.020 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167332.673867058390 | 167332.67 | 3908718.25 | FENCEGRD | 0.016 | 0.015 | 0.015 | 0.015 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167321.440230695390 | 167321.44 | 3908738.90 | FENCEGRD | 0.016 | 0.015 | 0.015 | 0.015 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167310.206594331390 | 167310.21 | 3908759.55 | FENCEGRD | 0.016 | 0.016 | 0.016 | 0.015 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167298.972957967390 | 167298.97 | 3908780.20 | FENCEGRD | 0.017 | 0.017 | 0.016 | 0.016 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167287.739321604390 | 167287.74 | 3908800.85 | FENCEGRD | 0.018 | 0.017 | 0.017 | 0.017 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167276.505685243908 | 167276.51 | 3908821.50 | FENCEGRD | 0.018 | 0.018 | 0.018 | 0.017 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167265.272048877390 | 167265.27 | 3908842.15 | FENCEGRD | 0.019 | 0.019 | 0.018 | 0.018 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167254.038412513390 | 167254.04 | 3908862.81 | FENCEGRD | 0.020 | 0.019 | 0.019 | 0.019 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167242.804776149390 | 167242.80 | 3908883.46 | FENCEGRD | 0.020 | 0.020 | 0.020 | 0.019 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167231.571139786390 | 167231.57 | 3908904.11 | FENCEGRD | 0.021 | 0.021 | 0.021 | 0.020 | 0.001 | 0.015 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167220.337503422390 | 167220.34 | 3908924.76 | FENCEGRD | 0.023 | 0.023 | 0.022 | 0.022 | 0.001 | 0.017 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167209.103867058390 | 167209.10 | 3908945.41 | FENCEGRD | 0.026 | 0.025 | 0.024 | 0.024 | 0.001 | 0.019 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167260.637926649390 | 167260.64 | 3908653.66 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167276.446019474390 | 167276.45 | 3908636.85 | FENCEGRD | 0.014 | 0.013 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167292.254112339086 | 167292.25 | 3908620.05 | FENCEGRD | 0.014 | 0.014 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167308.062205126390 | 167308.06 | 3908603.24 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167323.870297951390 | 167323.87 | 3908586.43 | FENCEGRD | 0.015 | 0.015 | 0.014 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167339.678390777390 | 167339.68 | 3908569.63 | FENCEGRD | 0.016 | 0.015 | 0.015 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167355.486483603390 | 167355.49 | 3908552.82 | FENCEGRD | 0.016 | 0.016 | 0.015 | 0.015 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167371.294576428390 | 167371.29 | 3908536.02 | FENCEGRD | 0.017 | 0.017 | 0.016 | 0.016 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167387.102669254390 | 167387.10 | 3908519.21 | FENCEGRD | 0.018 | 0.018 | 0.017 | 0.016 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167402.910762083908 | 167402.91 | 3908502.40 | FENCEGRD | 0.019 | 0.019 | 0.018 | 0.017 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167244.829833823390 | 167244.83 | 3908670.46 | FENCEGRD | 0.014 | 0.013 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167233.596197459390 | 167233.60 | 3908691.11 | FENCEGRD | 0.014 | 0.014 | 0.013 | 0.013 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167222.362561096390 | 167222.36 | 3908711.77 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.014 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167211.128924732390 | 167211.13 | 3908732.42 | FENCEGRD | 0.015 | 0.014 | 0.014 | 0.014 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167199.895288368390 | 167199.90 | 3908753.07 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.014 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167188.661652005390 | 167188.66 | 3908773.72 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.015 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167177.428015641390 | 167177.43 | 3908794.37 | FENCEGRD | 0.016 | 0.016 | 0.015 | 0.015 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167166.194379277390 | 167166.19 | 3908815.02 | FENCEGRD | 0.016 | 0.016 | 0.016 | 0.015 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167154.960742914390 | 167154.96 | 3908835.67 | FENCEGRD | 0.017 | 0.016 | 0.016 | 0.016 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167143.727106553908 | 167143.73 | 3908856.32 | FENCEGRD | 0.017 | 0.017 | 0.017 | 0.016 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167132.493470187390 | 167132.49 | 3908876.97 | FENCEGRD | 0.019 | 0.018 | 0.018 | 0.018 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167121.259833823390 | 167121.26 | 3908897.62 | FENCEGRD | 0.020 | 0.020 | 0.019 | 0.019 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167173.037094841390 | 167173.04 | 3908605.61 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.012 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167189.088389095390 | 167189.09 | 3908588.55 | FENCEGRD | 0.013 | 0.012 | 0.012 | 0.012 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167205.139683349390 | 167205.14 | 3908571.49 | FENCEGRD | 0.013 | 0.012 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167221.190977602390 | 167221.19 | 3908554.42 | FENCEGRD | 0.013 | 0.013 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167237.242271856390 | 167237.24 | 3908537.36 | FENCEGRD | 0.012 | 0.012 | 0.013 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167253.293566113908 | 167253.29 | 3908520.29 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167269.344860364390 | 167269.34 | 3908503.23 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167285.396154618390 | 167285.40 | 3908486.16 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167301.447448871390 | 167301.45 | 3908469.10 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167317.498743125390 | 167317.50 | 3908452.03 | FENCEGRD | 0.012 | 0.011 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167333.550037379390 | 167333.55 | 3908434.97 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167349.601331633390 | 167349.60 | 3908417.90 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.012 | 0.001 | 0.003</ | | | | |

2<16 Cancer Risk

| | | | | 2<16 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167044.649436951390 | 167044.65 | 3908829.19 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.014 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167033.415800587390 | 167033.42 | 3908849.84 | FENCEGRD | 0.016 | 0.016 | 0.016 | 0.015 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167084.357056697390 | 167084.36 | 3908558.72 | FENCEGRD | 0.012 | 0.011 | 0.011 | 0.011 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167114.787635386390 | 167114.79 | 3908526.37 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167145.218214076390 | 167145.22 | 3908494.01 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167175.648792765390 | 167175.65 | 3908461.66 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167206.079371454390 | 167206.08 | 3908429.31 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167236.509950144390 | 167236.51 | 3908396.96 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167266.940528833390 | 167266.94 | 3908364.61 | FENCEGRD | 0.007 | 0.006 | 0.006 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167057.908130988390 | 167057.91 | 3908595.54 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167046.674494625390 | 167046.67 | 3908616.20 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167035.440858261390 | 167035.44 | 3908636.85 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167024.207221897390 | 167024.21 | 3908657.50 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167012.973585534390 | 167012.97 | 3908678.15 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167001.739949173908 | 167001.74 | 3908698.80 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166990.506312807390 | 166990.51 | 3908719.45 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166979.272676443390 | 166979.27 | 3908740.10 | FENCEGRD | 0.012 | 0.012 | 0.011 | 0.011 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166968.039040079390 | 166968.04 | 3908760.75 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.012 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166956.805403716390 | 166956.81 | 3908781.40 | FENCEGRD | 0.013 | 0.012 | 0.012 | 0.012 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166945.571767352390 | 166945.57 | 3908802.05 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167371.888474415390 | 167371.89 | 3909070.62 | FENCEGRD | 0.058 | 0.056 | 0.055 | 0.053 | 0.001 | 0.049 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167324.488572333390 | 167324.49 | 3909054.72 | FENCEGRD | 0.052 | 0.050 | 0.048 | 0.047 | 0.001 | 0.041 | 0.001 | 0.001 | 0.001 | 0.000 |
| 167277.083364552390 | 167277.08 | 3909038.83 | FENCEGRD | 0.045 | 0.044 | 0.043 | 0.042 | 0.001 | 0.035 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167287.015632423390 | 167287.02 | 3909016.01 | FENCEGRD | 0.039 | 0.038 | 0.037 | 0.036 | 0.001 | 0.031 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167182.264672139090 | 167182.26 | 3909007.07 | FENCEGRD | 0.035 | 0.034 | 0.033 | 0.033 | 0.001 | 0.025 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167192.329370213908 | 167192.33 | 3908983.95 | FENCEGRD | 0.031 | 0.030 | 0.030 | 0.029 | 0.001 | 0.023 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167087.440283725390 | 167087.44 | 3908975.32 | FENCEGRD | 0.028 | 0.027 | 0.027 | 0.026 | 0.001 | 0.019 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167096.458830418390 | 167096.46 | 3908954.60 | FENCEGRD | 0.026 | 0.025 | 0.024 | 0.024 | 0.001 | 0.017 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167106.604695447390 | 167106.60 | 3908931.29 | FENCEGRD | 0.023 | 0.023 | 0.022 | 0.022 | 0.001 | 0.015 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166992.612970415390 | 166992.61 | 3908943.58 | FENCEGRD | 0.023 | 0.022 | 0.022 | 0.021 | 0.001 | 0.015 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167001.680266009390 | 167001.68 | 3908922.75 | FENCEGRD | 0.021 | 0.021 | 0.020 | 0.020 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167010.747561603390 | 167010.75 | 3908901.92 | FENCEGRD | 0.019 | 0.019 | 0.019 | 0.018 | 0.001 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167019.814857197390 | 167019.81 | 3908881.09 | FENCEGRD | 0.018 | 0.018 | 0.017 | 0.017 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166897.783956562390 | 166897.78 | 3908911.84 | FENCEGRD | 0.019 | 0.019 | 0.018 | 0.018 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166906.886396713390 | 166906.89 | 3908890.93 | FENCEGRD | 0.018 | 0.017 | 0.017 | 0.017 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166915.988836863390 | 166915.99 | 3908870.02 | FENCEGRD | 0.016 | 0.016 | 0.016 | 0.016 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166925.091277014390 | 166925.09 | 3908849.11 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.015 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166934.193717164390 | 166934.19 | 3908828.19 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.014 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167363.014395385390 | 167363.01 | 3909118.12 | FENCEGRD | 0.104 | 0.099 | 0.094 | 0.090 | 0.001 | 0.058 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167359.573909162.59 | 167359.57 | 3909162.59 | FENCEGRD | 0.168 | 0.160 | 0.152 | 0.145 | 0.001 | 0.066 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167359.573909185.91 | 167359.57 | 3909185.91 | FENCEGRD | 0.201 | 0.193 | 0.183 | 0.176 | 0.002 | 0.070 | 0.003 | 0.003 | 0.003 | 0.002 |
| 167359.573909209.23 | 167359.57 | 3909209.24 | FENCEGRD | 0.232 | 0.223 | 0.213 | 0.205 | 0.002 | 0.073 | 0.004 | 0.003 | 0.003 | 0.003 |
| 167359.573909232.55 | 167359.57 | 3909232.56 | FENCEGRD | 0.258 | 0.250 | 0.240 | 0.232 | 0.003 | 0.075 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167359.573909255.87 | 167359.57 | 3909255.88 | FENCEGRD | 0.277 | 0.270 | 0.261 | 0.254 | 0.005 | 0.076 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167312.799120674390 | 167312.80 | 3909119.44 | FENCEGRD | 0.101 | 0.096 | 0.091 | 0.087 | 0.001 | 0.053 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167319.257362021390 | 167319.26 | 3909079.78 | FENCEGRD | 0.066 | 0.063 | 0.061 | 0.058 | 0.001 | 0.046 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167309.573909162.59 | 167309.57 | 3909162.59 | FENCEGRD | 0.150 | 0.143 | 0.136 | 0.130 | 0.001 | 0.061 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167309.573909185.91 | 167309.57 | 3909185.91 | FENCEGRD | 0.177 | 0.170 | 0.162 | 0.155 | 0.002 | 0.065 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167309.573909209.23 | 167309.57 | 3909209.24 | FENCEGRD | 0.204 | 0.195 | 0.186 | 0.179 | 0.002 | 0.069 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167309.573909232.55 | 167309.57 | 3909232.56 | FENCEGRD | 0.228 | 0.219 | 0.210 | 0.202 | 0.003 | 0.071 | 0.004 | 0.004 | 0.004 | 0.003 |
| 167309.573909255.87 | 167309.57 | 3909255.88 | FENCEGRD | 0.246 | 0.238 | 0.229 | 0.221 | 0.005 | 0.072 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167309.573909279.2 | 167309.57 | 3909279.20 | FENCEGRD | 0.255 | 0.248 | 0.241 | 0.234 | 0.006 | 0.072 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167262.669955847390 | 167262.67 | 3909120.23 | FENCEGRD | 0.094 | 0.090 | 0.085 | 0.082 | 0.001 | 0.049 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167268.869867543909 | 167268.87 | 3909082.16 | FENCEGRD | 0.066 | 0.063 | 0.060 | 0.058 | 0.001 | 0.042 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167259.573909162.59 | 167259.57 | 3909162.59 | FENCEGRD | 0.134 | 0.128 | 0.122 | 0.117 | 0.002 | 0.056 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167259.573909185.91 | 167259.57 | 3909185.91 | FENCEGRD | 0.156 | 0.150 | 0.143 | 0.137 | 0.002 | 0.060 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167259.573909209.23 | 167259.57 | 3909209.24 | FENCEGRD | 0.177 | 0.170 | 0.162 | 0.156 | 0.002 | 0.064 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167259.573909232.55 | 167259.57 | 3909232.56 | FENCEGRD | 0.194 | 0.187 | 0.179 | 0.173 | 0.003 | 0.066 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167259.573909255.87 | 167259.57 | 3909255.88 | FENCEGRD | 0.209 | 0.202 | 0.194 | 0.187 | 0.004 | 0.067 | 0.004 | 0.004 | 0.004 | 0.003 |
| 167259.573909279.2 | 167259.57 | 3909279.20 | FENCEGRD | 0.218 | 0.212 | 0.205 | 0.199 | 0.006 | 0.066 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167163.014395385390 | 167163.01 | 3909118.12 | FENCEGRD | 0.077 | 0.074 | 0.070 | 0.068 | 0.001 | 0.040 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167169.903186155390 | 167169.90 | 3909075.82 | FENCEGRD | 0.056 | 0.054 | 0.052 | 0.050 | 0.001 | 0.034 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167176.791976925390 | 167176.79 | 3909033.51 | FENCEGRD | 0.041 | 0.040 | 0.039 | 0.038 | 0.001 | 0.028 | 0.001 | 0.001 | 0.001 | 0.000 |
| 167159.573909162.59 | 167159.57 | 3909162.59 | FENCEGRD | 0.103 | 0.099 | 0.095 | 0.091 | 0.002 | 0.046 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167159.573909185.91 | 167159.57 | 3909185.91 | FENCEGRD | 0.117 | 0.113 | 0.108 | 0.104 | 0.002 | 0.049 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167159.573909209.23 | 167159.57 | 3909209.24 | FENCEGRD | 0.130 | 0.125 | 0.120 | 0.116 | 0.003 | 0.051 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167159.573909232.55 | 167159.57 | 3909232.56 | FENCEGRD | 0.141 | 0.137 | 0.132 | 0.127 | 0.003 | 0.054 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167159.573909255.87 | 167159.57 | 3909255.88 | FENCEGRD | 0.152 | 0.147 | 0.142 | 0.138 | 0.004 | 0.055 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167159.573909279.2 | 167159.57 | 3909279.20 | FENCEGRD | 0.162 | 0.157 | 0.152 | 0.147 | 0.005 | 0.057 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167063.260423627390 | 167063.26 | 3909116.61 | FENCEGRD | 0.063 | 0.061 | 0.058 | 0.056 | 0.001 | 0.033 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167066.950847254390 | 167066.95 | 3909093.95 | FENCEGRD | 0.055 | 0.053 | 0.051 | 0.049 | 0.001 | 0.031 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167070.641270881390 | 167070.64 | 3909071.28 | FENCEGRD | 0.048 | 0.046 | 0.044 | 0.043 | 0.001 | 0.029 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167074.331694508390 | 167074.33 | 3909048.62 | FENCEGRD | 0.042 | 0.040 | 0.039 | 0.038 | 0.001 | 0.026 | | | | |

2<16 Cancer Risk

| | | | | 2<16 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 166969.903186155390 | 166969.90 | 3909075.82 | FENCEGRD | 0.042 | 0.041 | 0.040 | 0.038 | 0.001 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166976.791976925390 | 166976.79 | 3909033.51 | FENCEGRD | 0.034 | 0.033 | 0.032 | 0.031 | 0.001 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166983.680767696390 | 166983.68 | 3908991.21 | FENCEGRD | 0.028 | 0.027 | 0.026 | 0.026 | 0.001 | 0.018 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166959.573909162.59 | 166959.57 | 3909162.59 | FENCEGRD | 0.065 | 0.063 | 0.061 | 0.059 | 0.002 | 0.032 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166959.573909185.91 | 166959.57 | 3909185.91 | FENCEGRD | 0.072 | 0.070 | 0.067 | 0.065 | 0.002 | 0.033 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166959.573909209.23 | 166959.57 | 3909209.24 | FENCEGRD | 0.078 | 0.076 | 0.074 | 0.072 | 0.002 | 0.035 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166959.573909232.55 | 166959.57 | 3909232.56 | FENCEGRD | 0.085 | 0.082 | 0.080 | 0.078 | 0.003 | 0.037 | 0.002 | 0.002 | 0.002 | 0.002 |
| 166959.573909255.87 | 166959.57 | 3909255.88 | FENCEGRD | 0.090 | 0.088 | 0.085 | 0.083 | 0.003 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 |
| 166959.573909279.2 | 166959.57 | 3909279.20 | FENCEGRD | 0.095 | 0.093 | 0.090 | 0.088 | 0.004 | 0.040 | 0.002 | 0.002 | 0.002 | 0.002 |
| 166863.186615154390 | 166863.19 | 3909117.06 | FENCEGRD | 0.044 | 0.042 | 0.041 | 0.040 | 0.001 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166866.803230309390 | 166866.80 | 3909094.85 | FENCEGRD | 0.040 | 0.038 | 0.037 | 0.036 | 0.001 | 0.022 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166874.036460617390 | 166874.04 | 3909050.43 | FENCEGRD | 0.032 | 0.032 | 0.031 | 0.030 | 0.001 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166877.653075772390 | 166877.65 | 3909028.22 | FENCEGRD | 0.029 | 0.029 | 0.028 | 0.027 | 0.001 | 0.018 | 0.001 | 0.001 | 0.001 | 0.000 |
| 166881.269690926390 | 166881.27 | 3909006.02 | FENCEGRD | 0.027 | 0.026 | 0.026 | 0.025 | 0.001 | 0.017 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166884.886306083908 | 166884.89 | 3908983.81 | FENCEGRD | 0.025 | 0.024 | 0.023 | 0.023 | 0.001 | 0.016 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166888.502921235390 | 166888.50 | 3908961.60 | FENCEGRD | 0.023 | 0.022 | 0.022 | 0.021 | 0.001 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166859.573909139.27 | 166859.57 | 3909139.27 | FENCEGRD | 0.048 | 0.047 | 0.045 | 0.044 | 0.002 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166859.573909162.59 | 166859.57 | 3909162.59 | FENCEGRD | 0.053 | 0.052 | 0.050 | 0.049 | 0.002 | 0.027 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166859.573909185.91 | 166859.57 | 3909185.91 | FENCEGRD | 0.058 | 0.057 | 0.055 | 0.054 | 0.002 | 0.028 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166859.573909209.23 | 166859.57 | 3909209.24 | FENCEGRD | 0.064 | 0.062 | 0.060 | 0.059 | 0.002 | 0.030 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166859.573909232.55 | 166859.57 | 3909232.56 | FENCEGRD | 0.068 | 0.067 | 0.065 | 0.063 | 0.002 | 0.032 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166859.573909255.87 | 166859.57 | 3909255.88 | FENCEGRD | 0.073 | 0.071 | 0.069 | 0.067 | 0.003 | 0.033 | 0.002 | 0.002 | 0.002 | 0.002 |
| 166859.573909279.2 | 166859.57 | 3909279.20 | FENCEGRD | 0.077 | 0.075 | 0.073 | 0.071 | 0.003 | 0.035 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167540.497012865390 | 167540.50 | 3909215.75 | | 0.137 | 0.141 | 0.145 | 0.149 | 0.005 | 0.087 | 0.011 | 0.011 | 0.011 | 0.011 |
| 167541.642759649390 | 167541.64 | 3909179.96 | | 0.107 | 0.105 | 0.106 | 0.106 | 0.004 | 0.085 | 0.007 | 0.007 | 0.006 | 0.006 |
| 167537.739545029390 | 167537.74 | 3909149.96 | | 0.067 | 0.066 | 0.065 | 0.064 | 0.004 | 0.082 | 0.003 | 0.003 | 0.002 | 0.002 |
| 167536.333909120.68 | 167536.33 | 3909120.68 | | 0.035 | 0.034 | 0.034 | 0.034 | 0.003 | 0.078 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167536.333909106.64 | 167536.33 | 3909106.64 | | 0.027 | 0.027 | 0.027 | 0.028 | 0.003 | 0.076 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167534.583909076.82 | 167534.58 | 3909076.82 | | 0.023 | 0.023 | 0.024 | 0.025 | 0.003 | 0.072 | 0.001 | 0.001 | 0.001 | 0.000 |
| 167559.143909104.89 | 167559.14 | 3909104.89 | | 0.023 | 0.023 | 0.023 | 0.024 | 0.005 | 0.083 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167557.393909075.06 | 167557.39 | 3909075.06 | | 0.022 | 0.022 | 0.022 | 0.023 | 0.004 | 0.076 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167589.843909052.25 | 167589.84 | 3909052.25 | | 0.037 | 0.031 | 0.027 | 0.026 | 0.006 | 0.087 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167615.283909003.13 | 167615.28 | 3909003.13 | | 0.115 | 0.093 | 0.074 | 0.063 | 0.006 | 0.087 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167542.473909053.13 | 167542.47 | 3909053.13 | | 0.022 | 0.023 | 0.023 | 0.024 | 0.003 | 0.069 | 0.001 | 0.001 | 0.001 | 0.000 |
| 167566.163909006.64 | 167566.16 | 3909006.64 | | 0.031 | 0.029 | 0.028 | 0.027 | 0.004 | 0.064 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167539.753909198.46 | 167539.75 | 3909198.46 | | 0.126 | 0.128 | 0.130 | 0.132 | 0.004 | 0.085 | 0.009 | 0.009 | 0.009 | 0.008 |
| 167537.083909134.72 | 167537.08 | 3909134.72 | | 0.049 | 0.047 | 0.047 | 0.046 | 0.003 | 0.080 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167535.553909092.74 | 167535.55 | 3909092.74 | | 0.024 | 0.024 | 0.025 | 0.026 | 0.003 | 0.074 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167558.453909089.69 | 167558.45 | 3909089.69 | | 0.022 | 0.022 | 0.023 | 0.023 | 0.004 | 0.079 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167553.493909032.06 | 167553.49 | 3909032.06 | | 0.023 | 0.023 | 0.023 | 0.024 | 0.003 | 0.066 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167601.963909028.24 | 167601.96 | 3909028.24 | | 0.072 | 0.057 | 0.045 | 0.038 | 0.006 | 0.086 | 0.002 | 0.002 | 0.001 | 0.001 |

16<30 Cancer Risk

| | | | | 16<30 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167603.820034585390 | 167603.82 | 3909302.48 | FENCEGRD | 0.015 | 0.016 | 0.017 | 0.017 | 0.004 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167615.268534585390 | 167615.27 | 3909280.72 | FENCEGRD | 0.015 | 0.015 | 0.016 | 0.016 | 0.004 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167626.717034585390 | 167626.72 | 3909258.96 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.014 | 0.005 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167638.165534585390 | 167638.17 | 3909237.19 | FENCEGRD | 0.011 | 0.012 | 0.012 | 0.012 | 0.005 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167649.614034585390 | 167649.61 | 3909215.43 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.010 | 0.006 | 0.006 | 0.000 | 0.001 | 0.001 | 0.001 |
| 167661.062534585390 | 167661.06 | 3909193.67 | FENCEGRD | 0.009 | 0.008 | 0.008 | 0.008 | 0.005 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167672.511034585390 | 167672.51 | 3909171.91 | FENCEGRD | 0.009 | 0.008 | 0.007 | 0.007 | 0.005 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167683.959534585390 | 167683.96 | 3909150.15 | FENCEGRD | 0.010 | 0.009 | 0.008 | 0.008 | 0.005 | 0.008 | 0.001 | 0.001 | 0.001 | 0.002 |
| 167695.408034585390 | 167695.41 | 3909128.39 | FENCEGRD | 0.014 | 0.014 | 0.015 | 0.017 | 0.004 | 0.009 | 0.001 | 0.002 | 0.002 | 0.002 |
| 167706.856534585390 | 167706.86 | 3909106.63 | FENCEGRD | 0.032 | 0.038 | 0.046 | 0.058 | 0.004 | 0.010 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167718.305034585390 | 167718.31 | 3909084.86 | FENCEGRD | 0.060 | 0.071 | 0.084 | 0.097 | 0.004 | 0.011 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167729.753534585390 | 167729.75 | 3909063.10 | FENCEGRD | 0.087 | 0.097 | 0.108 | 0.116 | 0.004 | 0.012 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167741.202034585390 | 167741.20 | 3909041.34 | FENCEGRD | 0.103 | 0.109 | 0.116 | 0.119 | 0.003 | 0.013 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167752.650534585390 | 167752.65 | 3909019.58 | FENCEGRD | 0.108 | 0.111 | 0.114 | 0.115 | 0.003 | 0.014 | 0.002 | 0.001 | 0.001 | 0.001 |
| 167764.099034585390 | 167764.10 | 3908997.82 | FENCEGRD | 0.105 | 0.107 | 0.107 | 0.107 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167775.547534585390 | 167775.55 | 3908976.06 | FENCEGRD | 0.098 | 0.098 | 0.098 | 0.097 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167786.996034585390 | 167787.00 | 3908954.30 | FENCEGRD | 0.090 | 0.089 | 0.088 | 0.087 | 0.003 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167798.444534585390 | 167798.44 | 3908932.53 | FENCEGRD | 0.081 | 0.080 | 0.078 | 0.077 | 0.002 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167809.893034585390 | 167809.89 | 3908910.77 | FENCEGRD | 0.073 | 0.072 | 0.070 | 0.069 | 0.002 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167821.341534585390 | 167821.34 | 3908889.01 | FENCEGRD | 0.065 | 0.064 | 0.062 | 0.061 | 0.002 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167832.790034585390 | 167832.79 | 3908867.25 | FENCEGRD | 0.059 | 0.058 | 0.056 | 0.055 | 0.002 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167583.765368876390 | 167583.77 | 3909333.07 | FENCEGRD | 0.016 | 0.017 | 0.018 | 0.019 | 0.003 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167625.945051877390 | 167625.95 | 3909314.12 | FENCEGRD | 0.016 | 0.016 | 0.017 | 0.017 | 0.003 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167637.393551877390 | 167637.39 | 3909292.36 | FENCEGRD | 0.015 | 0.016 | 0.017 | 0.017 | 0.003 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167648.842051877390 | 167648.84 | 3909270.60 | FENCEGRD | 0.014 | 0.015 | 0.015 | 0.016 | 0.004 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167660.290551877390 | 167660.29 | 3909248.83 | FENCEGRD | 0.012 | 0.012 | 0.013 | 0.013 | 0.004 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167671.739051877390 | 167671.74 | 3909227.07 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.012 | 0.005 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167683.187551877390 | 167683.19 | 3909205.31 | FENCEGRD | 0.015 | 0.015 | 0.014 | 0.013 | 0.005 | 0.005 | 0.000 | 0.001 | 0.001 | 0.001 |
| 167694.636051877390 | 167694.64 | 3909183.55 | FENCEGRD | 0.016 | 0.016 | 0.015 | 0.015 | 0.005 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167706.084551877390 | 167706.08 | 3909161.79 | FENCEGRD | 0.017 | 0.017 | 0.016 | 0.015 | 0.005 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167717.533051877390 | 167717.53 | 3909140.03 | FENCEGRD | 0.019 | 0.020 | 0.020 | 0.020 | 0.004 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167728.981551877390 | 167728.98 | 3909118.27 | FENCEGRD | 0.025 | 0.028 | 0.030 | 0.034 | 0.004 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167740.430051877390 | 167740.43 | 3909096.50 | FENCEGRD | 0.040 | 0.045 | 0.052 | 0.060 | 0.004 | 0.009 | 0.001 | 0.001 | 0.002 | 0.002 |
| 167751.878551877390 | 167751.88 | 3909074.74 | FENCEGRD | 0.060 | 0.067 | 0.077 | 0.086 | 0.004 | 0.010 | 0.001 | 0.002 | 0.002 | 0.002 |
| 167763.327051877390 | 167763.33 | 3909052.98 | FENCEGRD | 0.078 | 0.086 | 0.095 | 0.102 | 0.004 | 0.011 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167774.775551877390 | 167774.78 | 3909031.22 | FENCEGRD | 0.089 | 0.096 | 0.103 | 0.107 | 0.003 | 0.012 | 0.001 | 0.001 | 0.002 | 0.002 |
| 167786.224051877390 | 167786.22 | 3909009.46 | FENCEGRD | 0.093 | 0.097 | 0.102 | 0.105 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167797.672551877390 | 167797.67 | 3908987.70 | FENCEGRD | 0.091 | 0.094 | 0.096 | 0.097 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167809.121051877390 | 167809.12 | 3908965.94 | FENCEGRD | 0.087 | 0.088 | 0.089 | 0.088 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167820.569551877390 | 167820.57 | 3908944.17 | FENCEGRD | 0.081 | 0.081 | 0.081 | 0.080 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167832.018051877390 | 167832.02 | 3908922.41 | FENCEGRD | 0.074 | 0.074 | 0.073 | 0.072 | 0.002 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167843.466551877390 | 167843.47 | 3908900.65 | FENCEGRD | 0.065 | 0.065 | 0.064 | 0.063 | 0.002 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167854.915051877390 | 167854.92 | 3908878.89 | FENCEGRD | 0.057 | 0.057 | 0.056 | 0.055 | 0.002 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167610.577017612390 | 167610.58 | 3909342.60 | FENCEGRD | 0.015 | 0.016 | 0.016 | 0.017 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167554.337440276390 | 167554.34 | 3909367.86 | FENCEGRD | 0.018 | 0.019 | 0.021 | 0.022 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167648.070069173909 | 167648.07 | 3909325.76 | FENCEGRD | 0.014 | 0.015 | 0.016 | 0.017 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167659.518569173909 | 167659.52 | 3909304.00 | FENCEGRD | 0.013 | 0.014 | 0.015 | 0.016 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167670.967069173909 | 167670.97 | 3909282.24 | FENCEGRD | 0.012 | 0.013 | 0.014 | 0.015 | 0.003 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167682.415569173909 | 167682.42 | 3909260.47 | FENCEGRD | 0.012 | 0.012 | 0.013 | 0.013 | 0.003 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167693.864069173909 | 167693.86 | 3909238.71 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.013 | 0.004 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167705.312569173909 | 167705.31 | 3909216.95 | FENCEGRD | 0.017 | 0.018 | 0.018 | 0.018 | 0.004 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167716.761069173909 | 167716.76 | 3909195.19 | FENCEGRD | 0.018 | 0.019 | 0.019 | 0.019 | 0.004 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167728.209569173909 | 167728.21 | 3909173.43 | FENCEGRD | 0.018 | 0.019 | 0.019 | 0.018 | 0.004 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167739.658069173909 | 167739.66 | 3909151.67 | FENCEGRD | 0.018 | 0.019 | 0.019 | 0.019 | 0.004 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167751.106569173909 | 167751.11 | 3909129.91 | FENCEGRD | 0.021 | 0.022 | 0.024 | 0.025 | 0.004 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167762.555069173909 | 167762.56 | 3909108.14 | FENCEGRD | 0.029 | 0.032 | 0.036 | 0.040 | 0.004 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167774.003569173909 | 167774.00 | 3909086.38 | FENCEGRD | 0.042 | 0.046 | 0.052 | 0.059 | 0.004 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167785.452069173909 | 167785.45 | 3909064.62 | FENCEGRD | 0.056 | 0.062 | 0.070 | 0.077 | 0.004 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167796.900569173909 | 167796.90 | 3909042.86 | FENCEGRD | 0.068 | 0.075 | 0.082 | 0.088 | 0.004 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167808.349069173909 | 167808.35 | 3909021.10 | FENCEGRD | 0.076 | 0.081 | 0.087 | 0.092 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167819.797569173908 | 167819.80 | 3908999.34 | FENCEGRD | 0.080 | 0.084 | 0.088 | 0.091 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167831.246069173908 | 167831.25 | 3908977.57 | FENCEGRD | 0.080 | 0.083 | 0.085 | 0.087 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167842.694569173908 | 167842.69 | 3908955.81 | FENCEGRD | 0.075 | 0.077 | 0.079 | 0.080 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167854.143069173908 | 167854.14 | 3908934.05 | FENCEGRD | 0.063 | 0.065 | 0.066 | 0.067 | 0.002 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167865.591569173908 | 167865.59 | 3908912.29 | FENCEGRD | 0.053 | 0.054 | 0.055 | 0.055 | 0.002 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167877.040069173908 | 167877.04 | 3908890.53 | FENCEGRD | 0.045 | 0.046 | 0.046 | 0.046 | 0.002 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167671.230262254390 | 167671.23 | 3909358.51 | FENCEGRD | 0.009 | 0.009 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167650.140420753390 | 167650.14 | 3909367.98 | FENCEGRD | 0.011 | 0.012 | 0.013 | 0.014 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167629.050579252390 | 167629.05 | 3909377.46 | FENCEGRD | 0.013 | 0.014 | 0.014 | 0.015 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167607.960737751390 | 167607.96 | 3909386.93 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.015 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167586.870896253909 | 167586.87 | 3909396.40 | FENCEGRD | 0.014 | 0.014 | 0.015 | 0.015 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167565.781054749390 | 167565.78 | 3909405.88 | FENCEGRD | 0.014 | 0.015 | 0.016 | 0.017 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167544.691213248390 | 167544.69 | 3909415.35 | FENCEGRD | 0.016 | 0.017 | 0.018 | 0.019 | 0.001 | 0.00 | | | | |

16<30 Cancer Risk

| XY | X | Y | REC TYPE | 16<30 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---------------------------------|--------|--------|--------|---------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167806.805103755390 | 167806.81 | 3909131.42 | FENCEGRD | 0.021 | 0.022 | 0.023 | 0.025 | 0.004 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167818.253603755390 | 167818.25 | 3909109.66 | FENCEGRD | 0.025 | 0.027 | 0.030 | 0.032 | 0.004 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167829.702103755390 | 167829.70 | 3909087.90 | FENCEGRD | 0.032 | 0.034 | 0.038 | 0.041 | 0.003 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167841.150603755390 | 167841.15 | 3909066.14 | FENCEGRD | 0.039 | 0.042 | 0.046 | 0.051 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167852.599103755390 | 167852.60 | 3909044.38 | FENCEGRD | 0.046 | 0.050 | 0.055 | 0.060 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167864.047603755390 | 167864.05 | 3909022.62 | FENCEGRD | 0.051 | 0.056 | 0.061 | 0.066 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167875.496103755390 | 167875.50 | 3909000.85 | FENCEGRD | 0.049 | 0.053 | 0.058 | 0.062 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167886.944603755390 | 167886.94 | 3908979.09 | FENCEGRD | 0.038 | 0.040 | 0.044 | 0.047 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167898.393103755390 | 167898.39 | 3908957.33 | FENCEGRD | 0.035 | 0.037 | 0.040 | 0.043 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167909.841603755390 | 167909.84 | 3908935.57 | FENCEGRD | 0.035 | 0.037 | 0.040 | 0.041 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167921.290103755390 | 167921.29 | 3908913.81 | FENCEGRD | 0.039 | 0.041 | 0.043 | 0.045 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167716.119382945390 | 167716.12 | 3909381.50 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167675.217872155390 | 167675.22 | 3909399.88 | FENCEGRD | 0.006 | 0.006 | 0.007 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167634.316361365390 | 167634.32 | 3909418.25 | FENCEGRD | 0.011 | 0.012 | 0.012 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167593.414850576390 | 167593.41 | 3909436.62 | FENCEGRD | 0.012 | 0.012 | 0.013 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167552.513339786390 | 167552.51 | 3909454.99 | FENCEGRD | 0.013 | 0.014 | 0.014 | 0.015 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167387.213968908390 | 167387.21 | 3909314.50 | FENCEGRD | 0.043 | 0.044 | 0.044 | 0.044 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167373.391984454390 | 167373.39 | 3909296.85 | FENCEGRD | 0.047 | 0.046 | 0.046 | 0.046 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167748.018638343909 | 167748.02 | 3909350.56 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167759.467138343909 | 167759.47 | 3909328.79 | FENCEGRD | 0.003 | 0.004 | 0.004 | 0.004 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167770.915638343909 | 167770.92 | 3909307.03 | FENCEGRD | 0.004 | 0.004 | 0.005 | 0.005 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167782.364138343909 | 167782.36 | 3909285.27 | FENCEGRD | 0.006 | 0.007 | 0.007 | 0.008 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167793.812638343909 | 167793.81 | 3909263.51 | FENCEGRD | 0.009 | 0.009 | 0.010 | 0.011 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167805.261138343909 | 167805.26 | 3909241.75 | FENCEGRD | 0.011 | 0.011 | 0.012 | 0.013 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167816.709638343909 | 167816.71 | 3909219.99 | FENCEGRD | 0.012 | 0.012 | 0.013 | 0.014 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167828.158138343909 | 167828.16 | 3909198.23 | FENCEGRD | 0.012 | 0.013 | 0.014 | 0.015 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167839.606638343909 | 167839.61 | 3909176.46 | FENCEGRD | 0.014 | 0.014 | 0.015 | 0.016 | 0.003 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167851.055138343909 | 167851.06 | 3909154.70 | FENCEGRD | 0.015 | 0.016 | 0.017 | 0.018 | 0.003 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167862.503638343909 | 167862.50 | 3909132.94 | FENCEGRD | 0.017 | 0.018 | 0.020 | 0.021 | 0.003 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167873.952138343909 | 167873.95 | 3909111.18 | FENCEGRD | 0.021 | 0.022 | 0.024 | 0.026 | 0.003 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167885.400638343909 | 167885.40 | 3909089.42 | FENCEGRD | 0.025 | 0.026 | 0.029 | 0.031 | 0.003 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167896.849138343909 | 167896.85 | 3909067.66 | FENCEGRD | 0.028 | 0.030 | 0.033 | 0.035 | 0.003 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167908.297638343909 | 167908.30 | 3909045.90 | FENCEGRD | 0.031 | 0.033 | 0.036 | 0.039 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167919.746138343909 | 167919.75 | 3909024.13 | FENCEGRD | 0.033 | 0.036 | 0.039 | 0.042 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167931.194638343909 | 167931.19 | 3909002.37 | FENCEGRD | 0.035 | 0.037 | 0.041 | 0.044 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167942.643138343908 | 167942.64 | 3908980.61 | FENCEGRD | 0.037 | 0.039 | 0.043 | 0.045 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167954.091638343908 | 167954.09 | 3908958.85 | FENCEGRD | 0.039 | 0.042 | 0.044 | 0.047 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167965.540138343908 | 167965.54 | 3908937.09 | FENCEGRD | 0.041 | 0.043 | 0.046 | 0.048 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167759.189566257390 | 167759.19 | 3909405.31 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167737.558959589390 | 167737.56 | 3909415.03 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167715.928352922390 | 167715.93 | 3909424.75 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167694.297746254390 | 167694.30 | 3909434.46 | FENCEGRD | 0.004 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167672.667139586390 | 167672.67 | 3909444.18 | FENCEGRD | 0.007 | 0.008 | 0.008 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167651.036532919390 | 167651.04 | 3909453.89 | FENCEGRD | 0.009 | 0.010 | 0.010 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167629.405926251390 | 167629.41 | 3909463.61 | FENCEGRD | 0.010 | 0.011 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167607.775319583390 | 167607.78 | 3909473.33 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167586.144712916390 | 167586.14 | 3909483.04 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167564.514106248390 | 167564.51 | 3909492.76 | FENCEGRD | 0.011 | 0.011 | 0.012 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167542.883499583909 | 167542.88 | 3909502.47 | FENCEGRD | 0.012 | 0.012 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167521.252892913390 | 167521.25 | 3909512.19 | FENCEGRD | 0.013 | 0.014 | 0.014 | 0.015 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167411.905846443909 | 167411.91 | 3909409.89 | FENCEGRD | 0.029 | 0.030 | 0.030 | 0.030 | 0.004 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167397.286439805390 | 167397.29 | 3909391.22 | FENCEGRD | 0.031 | 0.032 | 0.032 | 0.033 | 0.004 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167382.667033171390 | 167382.67 | 3909372.55 | FENCEGRD | 0.034 | 0.035 | 0.036 | 0.036 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167368.047626537390 | 167368.05 | 3909353.88 | FENCEGRD | 0.038 | 0.039 | 0.039 | 0.040 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167353.428219903390 | 167353.43 | 3909335.21 | FENCEGRD | 0.042 | 0.042 | 0.042 | 0.042 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167338.808813268390 | 167338.81 | 3909316.54 | FENCEGRD | 0.044 | 0.044 | 0.043 | 0.043 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167324.189406634390 | 167324.19 | 3909297.87 | FENCEGRD | 0.044 | 0.043 | 0.043 | 0.042 | 0.001 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167780.820172925390 | 167780.82 | 3909395.60 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167792.268672925390 | 167792.27 | 3909373.84 | FENCEGRD | 0.002 | 0.002 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167803.717172925390 | 167803.72 | 3909352.07 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167815.165672925390 | 167815.17 | 3909330.31 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167826.614172925390 | 167826.61 | 3909308.55 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167838.062672925390 | 167838.06 | 3909286.79 | FENCEGRD | 0.003 | 0.003 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167849.511172925390 | 167849.51 | 3909265.03 | FENCEGRD | 0.005 | 0.006 | 0.006 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167860.959672925390 | 167860.96 | 3909243.27 | FENCEGRD | 0.006 | 0.007 | 0.007 | 0.007 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167872.408172925390 | 167872.41 | 3909221.51 | FENCEGRD | 0.006 | 0.006 | 0.007 | 0.007 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167883.856672925390 | 167883.86 | 3909199.74 | FENCEGRD | 0.006 | 0.007 | 0.007 | 0.008 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167895.305172925390 | 167895.31 | 3909177.98 | FENCEGRD | 0.007 | 0.008 | 0.008 | 0.009 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167906.753672925390 | 167906.75 | 3909156.22 | FENCEGRD | 0.009 | 0.010 | 0.010 | 0.011 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167918.202172925390 | 167918.20 | 3909134.46 | FENCEGRD | 0.011 | 0.012 | 0.013 | 0.014 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167929.650672925390 | 167929.65 | 3909112.70 | FENCEGRD | 0.014 | 0.015 | 0.016 | 0.017 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.001 |
| 167941.099172925390 | 167941.10 | 3909090.94 | FENCEGRD | 0.017 | 0.018 | 0.020 | 0.021 | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167952.547672925390 | 167952.55 | 3909069.17 | FENCEGRD | 0.020 | 0.021 | 0.023 | 0.024 | 0.002</ | | | | | |

16<30 Cancer Risk

| XY | X | Y | REC TYPE | 16<30 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---------------------------------|--------|--------|--------|---------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167698.531158504390 | 167698.53 | 3909475.72 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167677.441317003390 | 167677.44 | 3909485.19 | FENCEGRD | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167656.351475502390 | 167656.35 | 3909494.66 | FENCEGRD | 0.008 | 0.008 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167635.261634001390 | 167635.26 | 3909504.14 | FENCEGRD | 0.009 | 0.009 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167614.171792539095 | 167614.17 | 3909513.61 | FENCEGRD | 0.009 | 0.009 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167593.081950999390 | 167593.08 | 3909523.08 | FENCEGRD | 0.009 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167571.992109498390 | 167571.99 | 3909532.55 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167550.902267997390 | 167550.90 | 3909542.03 | FENCEGRD | 0.010 | 0.011 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167529.812426496390 | 167529.81 | 3909551.50 | FENCEGRD | 0.011 | 0.012 | 0.012 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167508.722584995390 | 167508.72 | 3909560.97 | FENCEGRD | 0.012 | 0.013 | 0.014 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167416.363136152390 | 167416.36 | 3909479.43 | FENCEGRD | 0.024 | 0.024 | 0.024 | 0.025 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167402.109214684390 | 167402.11 | 3909461.23 | FENCEGRD | 0.025 | 0.025 | 0.026 | 0.026 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167387.855293216390 | 167387.86 | 3909443.03 | FENCEGRD | 0.027 | 0.027 | 0.027 | 0.028 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167373.601371747390 | 167373.60 | 3909424.82 | FENCEGRD | 0.029 | 0.029 | 0.030 | 0.030 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167359.347450279390 | 167359.35 | 3909406.62 | FENCEGRD | 0.031 | 0.032 | 0.032 | 0.033 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167345.093528813909 | 167345.09 | 3909388.42 | FENCEGRD | 0.034 | 0.034 | 0.035 | 0.035 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167330.839607342390 | 167330.84 | 3909370.21 | FENCEGRD | 0.036 | 0.037 | 0.037 | 0.037 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167316.585685874390 | 167316.59 | 3909352.01 | FENCEGRD | 0.039 | 0.039 | 0.039 | 0.039 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167302.331764405390 | 167302.33 | 3909333.81 | FENCEGRD | 0.040 | 0.040 | 0.039 | 0.039 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167288.077842937390 | 167288.08 | 3909315.61 | FENCEGRD | 0.040 | 0.039 | 0.039 | 0.038 | 0.001 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167273.823921468390 | 167273.82 | 3909297.40 | FENCEGRD | 0.039 | 0.038 | 0.037 | 0.036 | 0.001 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167825.070207513909 | 167825.07 | 3909418.88 | FENCEGRD | 0.002 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167836.518707513909 | 167836.52 | 3909397.12 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167847.967207513909 | 167847.97 | 3909375.35 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167859.415707509390 | 167859.42 | 3909353.59 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167870.864207509390 | 167870.86 | 3909331.83 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167882.312707509390 | 167882.31 | 3909310.07 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167893.761207509390 | 167893.76 | 3909288.31 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167905.209707509390 | 167905.21 | 3909266.55 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167916.658207509390 | 167916.66 | 3909244.78 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167928.106707509390 | 167928.11 | 3909223.02 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167939.555207509390 | 167939.56 | 3909201.26 | FENCEGRD | 0.003 | 0.003 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167951.003707513909 | 167951.00 | 3909179.50 | FENCEGRD | 0.004 | 0.005 | 0.005 | 0.005 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167962.452207513909 | 167962.45 | 3909157.74 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.007 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167973.900707513909 | 167973.90 | 3909135.98 | FENCEGRD | 0.007 | 0.008 | 0.008 | 0.009 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167985.349207513909 | 167985.35 | 3909114.22 | FENCEGRD | 0.009 | 0.010 | 0.010 | 0.011 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167996.797707513909 | 167996.80 | 3909092.45 | FENCEGRD | 0.012 | 0.012 | 0.013 | 0.014 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168008.246207513909 | 168008.25 | 3909070.69 | FENCEGRD | 0.014 | 0.015 | 0.016 | 0.017 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168019.694707513909 | 168019.69 | 3909048.93 | FENCEGRD | 0.017 | 0.018 | 0.019 | 0.020 | 0.002 | 0.005 | 0.000 | 0.000 | 0.001 | 0.001 |
| 168031.143207513909 | 168031.14 | 3909027.17 | FENCEGRD | 0.019 | 0.020 | 0.021 | 0.022 | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168042.591707513909 | 168042.59 | 3909005.41 | FENCEGRD | 0.021 | 0.022 | 0.024 | 0.025 | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168054.040207513908 | 168054.04 | 3908983.65 | FENCEGRD | 0.023 | 0.025 | 0.026 | 0.028 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167892.145675789390 | 167892.15 | 3909475.06 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167870.721074939094 | 167870.72 | 3909484.68 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167849.296474013909 | 167849.30 | 3909494.31 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167827.871873123909 | 167827.87 | 3909503.93 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167806.447272233909 | 167806.45 | 3909513.55 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167785.022671343909 | 167785.02 | 3909523.18 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167763.598070453909 | 167763.60 | 3909532.80 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167742.173469563909 | 167742.17 | 3909542.42 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167720.748868671390 | 167720.75 | 3909552.05 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167699.324267781390 | 167699.32 | 3909561.67 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167677.899666891390 | 167677.90 | 3909571.29 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167656.475066001390 | 167656.48 | 3909580.92 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167635.050465111390 | 167635.05 | 3909590.54 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167613.625864221390 | 167613.63 | 3909600.17 | FENCEGRD | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167592.201263331390 | 167592.20 | 3909609.79 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167570.776662442390 | 167570.78 | 3909619.41 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167549.352061552390 | 167549.35 | 3909629.04 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167527.927460662390 | 167527.93 | 3909638.66 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167518.002116919390 | 167518.00 | 3909600.16 | FENCEGRD | 0.011 | 0.011 | 0.012 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167385.289837416390 | 167385.29 | 3909619.12 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.016 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167391.252787042390 | 167391.25 | 3909575.07 | FENCEGRD | 0.018 | 0.018 | 0.018 | 0.018 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167376.772612852390 | 167376.77 | 3909556.58 | FENCEGRD | 0.019 | 0.019 | 0.020 | 0.020 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167362.292438662390 | 167362.29 | 3909538.09 | FENCEGRD | 0.020 | 0.021 | 0.021 | 0.021 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167347.812264471390 | 167347.81 | 3909519.59 | FENCEGRD | 0.022 | 0.022 | 0.022 | 0.022 | 0.002 | 0.006 | 0.000 | 0.000 | 0.001 | 0.001 |
| 167333.332090281390 | 167333.33 | 3909501.10 | FENCEGRD | 0.023 | 0.023 | 0.023 | 0.024 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167318.851916091390 | 167318.85 | 3909482.61 | FENCEGRD | 0.024 | 0.025 | 0.025 | 0.025 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167304.371741901390 | 167304.37 | 3909464.12 | FENCEGRD | 0.026 | 0.027 | 0.027 | 0.027 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167289.891567711390 | 167289.89 | 3909445.63 | FENCEGRD | 0.028 | 0.029 | 0.029 | 0.029 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167275.411393521390 | 167275.41 | 3909427.14 | FENCEGRD | 0.030 | 0.031 | 0.031 | 0.031 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167260.931219331390 | 167260.93 | 3909408.64 | FENCEGRD | 0.032 | 0.032 | 0.033 | 0.033 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167246.451045141390 | 167246.45 | 3909390.15 | FENCEGRD | 0.033 | 0.033 | 0.033 | 0.033 | 0.002</ | | | | | |

16<30 Cancer Risk

| XY | X | Y | REC TYPE | 16<30 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---------------------------------|--------|--------|--------|---------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167970.812776679390 | 167970.81 | 3909356.63 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167982.261276679390 | 167982.26 | 3909334.87 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167993.709776679390 | 167993.71 | 3909313.11 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168005.158276679390 | 168005.16 | 3909291.34 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168016.606776679390 | 168016.61 | 3909269.58 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168028.055276679390 | 168028.06 | 3909247.82 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168039.503776679390 | 168039.50 | 3909226.06 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168050.952276679390 | 168050.95 | 3909204.30 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168062.400776679390 | 168062.40 | 3909182.54 | FENCEGRD | 0.004 | 0.004 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168073.849276679390 | 168073.85 | 3909160.77 | FENCEGRD | 0.005 | 0.006 | 0.006 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168085.297776679390 | 168085.30 | 3909139.01 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168096.746276679390 | 168096.75 | 3909117.25 | FENCEGRD | 0.008 | 0.008 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168108.194776679390 | 168108.19 | 3909095.49 | FENCEGRD | 0.009 | 0.010 | 0.010 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168119.643276679390 | 168119.64 | 3909073.73 | FENCEGRD | 0.011 | 0.011 | 0.012 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168131.091776679390 | 168131.09 | 3909051.97 | FENCEGRD | 0.012 | 0.013 | 0.013 | 0.014 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168142.540276679390 | 168142.54 | 3909030.21 | FENCEGRD | 0.013 | 0.014 | 0.015 | 0.015 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167980.439739182390 | 167980.44 | 3909521.71 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167958.809132514390 | 167958.81 | 3909531.43 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167937.178525846390 | 167937.18 | 3909541.14 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167915.547919179390 | 167915.55 | 3909550.86 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167893.917312511390 | 167893.92 | 3909560.58 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167872.286705843390 | 167872.29 | 3909570.29 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167850.656099176390 | 167850.66 | 3909580.01 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167829.025492508390 | 167829.03 | 3909589.72 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167807.394885843909 | 167807.39 | 3909599.44 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167785.764279173390 | 167785.76 | 3909609.16 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167764.133672505390 | 167764.13 | 3909618.87 | FENCEGRD | 0.002 | 0.002 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167742.503065837390 | 167742.50 | 3909628.59 | FENCEGRD | 0.003 | 0.003 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167720.872459173909 | 167720.87 | 3909638.30 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167699.241852502390 | 167699.24 | 3909648.02 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167677.611245834390 | 167677.61 | 3909657.74 | FENCEGRD | 0.005 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167655.980639167390 | 167655.98 | 3909667.45 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167634.350032499390 | 167634.35 | 3909677.17 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167612.719425831390 | 167612.72 | 3909686.88 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167591.088819164390 | 167591.09 | 3909696.60 | FENCEGRD | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167569.458212496390 | 167569.46 | 3909706.32 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167547.827605829390 | 167547.83 | 3909716.03 | FENCEGRD | 0.008 | 0.008 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167482.935785826390 | 167482.94 | 3909745.18 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167461.305179158390 | 167461.31 | 3909754.90 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167425.055165856390 | 167425.06 | 3909745.94 | FENCEGRD | 0.009 | 0.009 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167410.435759222390 | 167410.44 | 3909727.27 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167395.816352588390 | 167395.82 | 3909708.60 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167381.196945953390 | 167381.20 | 3909689.93 | FENCEGRD | 0.011 | 0.012 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167366.577539319390 | 167366.58 | 3909671.26 | FENCEGRD | 0.012 | 0.013 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167351.958132685390 | 167351.96 | 3909652.59 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167337.338726051390 | 167337.34 | 3909633.92 | FENCEGRD | 0.015 | 0.015 | 0.016 | 0.016 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167322.719319416390 | 167322.72 | 3909615.25 | FENCEGRD | 0.016 | 0.017 | 0.017 | 0.017 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167308.099912782390 | 167308.10 | 3909596.58 | FENCEGRD | 0.018 | 0.018 | 0.018 | 0.018 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167293.480506148390 | 167293.48 | 3909577.92 | FENCEGRD | 0.019 | 0.019 | 0.019 | 0.019 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167278.861099514390 | 167278.86 | 3909559.25 | FENCEGRD | 0.020 | 0.020 | 0.020 | 0.020 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167264.241692879390 | 167264.24 | 3909540.58 | FENCEGRD | 0.021 | 0.021 | 0.022 | 0.022 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167249.622286245390 | 167249.62 | 3909521.91 | FENCEGRD | 0.023 | 0.023 | 0.023 | 0.024 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167235.002879611390 | 167235.00 | 3909503.24 | FENCEGRD | 0.025 | 0.025 | 0.025 | 0.025 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167220.383472977390 | 167220.38 | 3909484.57 | FENCEGRD | 0.026 | 0.027 | 0.027 | 0.027 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167205.764066342390 | 167205.76 | 3909465.90 | FENCEGRD | 0.028 | 0.028 | 0.028 | 0.028 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167191.144659708390 | 167191.14 | 3909447.23 | FENCEGRD | 0.029 | 0.029 | 0.029 | 0.029 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167176.525253074390 | 167176.53 | 3909428.56 | FENCEGRD | 0.030 | 0.030 | 0.029 | 0.029 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167161.905846443909 | 167161.91 | 3909409.89 | FENCEGRD | 0.030 | 0.030 | 0.029 | 0.029 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167147.286439805390 | 167147.29 | 3909391.22 | FENCEGRD | 0.030 | 0.029 | 0.029 | 0.028 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167132.667033171390 | 167132.67 | 3909372.55 | FENCEGRD | 0.029 | 0.028 | 0.028 | 0.027 | 0.001 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167118.047626537390 | 167118.05 | 3909353.88 | FENCEGRD | 0.027 | 0.027 | 0.026 | 0.026 | 0.001 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167103.428219903390 | 167103.43 | 3909335.21 | FENCEGRD | 0.026 | 0.025 | 0.025 | 0.024 | 0.001 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167088.808813268390 | 167088.81 | 3909316.54 | FENCEGRD | 0.024 | 0.024 | 0.023 | 0.022 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167074.189406634390 | 167074.19 | 3909297.87 | FENCEGRD | 0.022 | 0.022 | 0.021 | 0.021 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168002.070345849390 | 168002.07 | 3909511.99 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168013.518845849390 | 168013.52 | 3909490.23 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168024.967345849390 | 168024.97 | 3909468.47 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168036.415845849390 | 168036.42 | 3909446.71 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168047.864345849390 | 168047.86 | 3909424.95 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168059.312845849390 | 168059.31 | 3909403.19 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168070.761345849390 | 168070.76 | 3909381.43 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168082.209845849390 | 168082.21 | 3909359.66 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168093.658345849390 | 168093.66 | 3909337.90 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000</ | | | | | |

16<30 Cancer Risk

| | | | | 16<30 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168219.591845849390 | 168219.59 | 3909098.53 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168231.040345849390 | 168231.04 | 3909076.76 | FENCEGRD | 0.008 | 0.009 | 0.009 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168068.800256053909 | 168068.80 | 3909568.33 | FENCEGRD | 0.001 | 0.001 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168047.030097082390 | 168047.03 | 3909578.11 | FENCEGRD | 0.001 | 0.001 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168025.259938113390 | 168025.26 | 3909587.89 | FENCEGRD | 0.001 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168003.489779144390 | 168003.49 | 3909597.67 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167981.719620175390 | 167981.72 | 3909607.45 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167959.949461207390 | 167959.95 | 3909617.23 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167938.179302238390 | 167938.18 | 3909627.00 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167916.409143269390 | 167916.41 | 3909636.78 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167894.638984339096 | 167894.64 | 3909646.56 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167872.868825332390 | 167872.87 | 3909656.34 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167851.098666363390 | 167851.10 | 3909666.12 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167829.328507394390 | 167829.33 | 3909675.90 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167807.558348426390 | 167807.56 | 3909685.68 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167785.788189457390 | 167785.79 | 3909695.46 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167764.018030488390 | 167764.02 | 3909705.23 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167742.247871519390 | 167742.25 | 3909715.01 | FENCEGRD | 0.004 | 0.004 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167720.477712551390 | 167720.48 | 3909724.79 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167698.707553582390 | 167698.71 | 3909734.57 | FENCEGRD | 0.005 | 0.005 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167676.937394613390 | 167676.94 | 3909744.35 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167655.167235645390 | 167655.17 | 3909754.13 | FENCEGRD | 0.006 | 0.006 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167633.397076676390 | 167633.40 | 3909763.91 | FENCEGRD | 0.006 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167611.626917707390 | 167611.63 | 3909773.69 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167524.546281832390 | 167524.55 | 3909812.80 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167502.776122863390 | 167502.78 | 3909822.58 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167481.005963895390 | 167481.01 | 3909832.36 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167459.235804926390 | 167459.24 | 3909842.14 | FENCEGRD | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167437.465645957390 | 167437.47 | 3909851.92 | FENCEGRD | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167400.981761602390 | 167400.98 | 3909842.90 | FENCEGRD | 0.007 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167386.268036215390 | 167386.27 | 3909824.11 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167371.554310828390 | 167371.55 | 3909805.32 | FENCEGRD | 0.008 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167356.840585442390 | 167356.84 | 3909786.53 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167342.126860055390 | 167342.13 | 3909767.74 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167327.413134668390 | 167327.41 | 3909748.95 | FENCEGRD | 0.010 | 0.010 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167312.699409281390 | 167312.70 | 3909730.16 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167297.985683895390 | 167297.99 | 3909711.37 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167283.271958508390 | 167283.27 | 3909692.58 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167268.558233121390 | 167268.56 | 3909673.79 | FENCEGRD | 0.013 | 0.014 | 0.014 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167253.844507735390 | 167253.84 | 3909655.00 | FENCEGRD | 0.014 | 0.015 | 0.015 | 0.015 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167239.130782348390 | 167239.13 | 3909636.21 | FENCEGRD | 0.015 | 0.015 | 0.016 | 0.016 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167224.417056961390 | 167224.42 | 3909617.42 | FENCEGRD | 0.016 | 0.016 | 0.017 | 0.017 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167209.703331574390 | 167209.70 | 3909598.63 | FENCEGRD | 0.017 | 0.018 | 0.018 | 0.018 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167194.989606188390 | 167194.99 | 3909579.84 | FENCEGRD | 0.019 | 0.019 | 0.019 | 0.019 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167180.275880801390 | 167180.28 | 3909561.05 | FENCEGRD | 0.020 | 0.020 | 0.021 | 0.021 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167165.562155414390 | 167165.56 | 3909542.26 | FENCEGRD | 0.021 | 0.022 | 0.022 | 0.022 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167150.848430027390 | 167150.85 | 3909523.47 | FENCEGRD | 0.023 | 0.023 | 0.023 | 0.023 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167136.134704641390 | 167136.13 | 3909504.68 | FENCEGRD | 0.024 | 0.024 | 0.024 | 0.024 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167121.420979254390 | 167121.42 | 3909485.89 | FENCEGRD | 0.025 | 0.025 | 0.025 | 0.025 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167106.707253867390 | 167106.71 | 3909467.10 | FENCEGRD | 0.026 | 0.025 | 0.025 | 0.025 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167091.993528481390 | 167091.99 | 3909448.31 | FENCEGRD | 0.026 | 0.026 | 0.025 | 0.025 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167077.279803094390 | 167077.28 | 3909429.52 | FENCEGRD | 0.025 | 0.025 | 0.025 | 0.024 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167062.566077707390 | 167062.57 | 3909410.73 | FENCEGRD | 0.025 | 0.024 | 0.024 | 0.023 | 0.001 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167047.852352323909 | 167047.85 | 3909391.94 | FENCEGRD | 0.024 | 0.023 | 0.023 | 0.022 | 0.001 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167033.138626934390 | 167033.14 | 3909373.15 | FENCEGRD | 0.023 | 0.022 | 0.022 | 0.021 | 0.001 | 0.008 | 0.001 | 0.000 | 0.000 | 0.000 |
| 167018.424901547390 | 167018.42 | 3909354.36 | FENCEGRD | 0.021 | 0.021 | 0.020 | 0.020 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167003.711176163909 | 167003.71 | 3909335.57 | FENCEGRD | 0.020 | 0.020 | 0.019 | 0.019 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166988.997450773390 | 166989.00 | 3909316.78 | FENCEGRD | 0.019 | 0.018 | 0.018 | 0.017 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166974.283725387390 | 166974.28 | 3909297.99 | FENCEGRD | 0.017 | 0.017 | 0.016 | 0.016 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168090.570415019390 | 168090.57 | 3909558.55 | FENCEGRD | 0.001 | 0.001 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168102.018915019390 | 168102.02 | 3909536.79 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168113.467415019390 | 168113.47 | 3909515.03 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168124.915915019390 | 168124.92 | 3909493.27 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168136.364415019390 | 168136.36 | 3909471.51 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168147.812915019390 | 168147.81 | 3909449.75 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168159.261415019390 | 168159.26 | 3909427.98 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168170.709915019390 | 168170.71 | 3909406.22 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168182.158415019390 | 168182.16 | 3909384.46 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168193.606915019390 | 168193.61 | 3909362.70 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168205.055415019390 | 168205.06 | 3909340.94 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168216.503915019390 | 168216.50 | 3909319.18 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168227.952415019390 | 168227.95 | 3909297.42 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168239.400915019390 | 168239.40 | 3909275.65 | FENCEGRD | 0.003 | 0.003 | 0.004 | 0.004 | 0.000 | 0.00 | | | | |

16<30 Cancer Risk

| XY | X | Y | REC TYPE | 16<30 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---------------------------------|--------|--------|--------|---------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168091.586697222390 | 168091.59 | 3909644.41 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168069.715750483909 | 168069.72 | 3909654.23 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168047.844803739390 | 168047.84 | 3909664.06 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168025.973856997390 | 168025.97 | 3909673.88 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168004.102910255390 | 168004.10 | 3909683.70 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167982.231963513390 | 167982.23 | 3909693.53 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167960.361016772390 | 167960.36 | 3909703.35 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167938.490070033909 | 167938.49 | 3909713.18 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167916.619123288390 | 167916.62 | 3909723.00 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167894.748176546390 | 167894.75 | 3909732.82 | FENCEGRD | 0.002 | 0.002 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167872.877229805390 | 167872.88 | 3909742.65 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167851.006283063390 | 167851.01 | 3909752.47 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167829.135336321390 | 167829.14 | 3909762.30 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167807.264389583909 | 167807.26 | 3909772.12 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167785.393442838390 | 167785.39 | 3909781.94 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167763.522496096390 | 167763.52 | 3909791.77 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167741.651549354390 | 167741.65 | 3909801.59 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167719.780602613390 | 167719.78 | 3909811.42 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167697.909655871390 | 167697.91 | 3909821.24 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167676.038709129390 | 167676.04 | 3909831.07 | FENCEGRD | 0.005 | 0.005 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167654.167762388390 | 167654.17 | 3909840.89 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167566.683975421390 | 167566.68 | 3909880.19 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167544.813028679390 | 167544.81 | 3909890.01 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167522.942081937390 | 167522.94 | 3909899.83 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167501.071135196390 | 167501.07 | 3909909.66 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167479.200188454390 | 167479.20 | 3909919.48 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167457.329241712390 | 167457.33 | 3909929.31 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167435.458294973909 | 167435.46 | 3909939.13 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167413.587348229390 | 167413.59 | 3909948.95 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167376.934557001390 | 167376.93 | 3909939.90 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167362.152712515390 | 167362.15 | 3909921.02 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167347.370868033909 | 167347.37 | 3909902.15 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167332.589023544390 | 167332.59 | 3909883.27 | FENCEGRD | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167317.807179058390 | 167317.81 | 3909864.39 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167303.025334572390 | 167303.03 | 3909845.51 | FENCEGRD | 0.008 | 0.008 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167288.243490087390 | 167288.24 | 3909826.64 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167273.461645601390 | 167273.46 | 3909807.76 | FENCEGRD | 0.009 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167258.679801115390 | 167258.68 | 3909788.88 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167243.897956629390 | 167243.90 | 3909770.01 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167229.116112144390 | 167229.12 | 3909751.13 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167214.334267658390 | 167214.33 | 3909732.25 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167199.552423172390 | 167199.55 | 3909713.37 | FENCEGRD | 0.012 | 0.013 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167184.770578686390 | 167184.77 | 3909694.50 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167169.988734201390 | 167169.99 | 3909675.62 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.014 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167155.206889715390 | 167155.21 | 3909656.74 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.015 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167140.425045229390 | 167140.43 | 3909637.87 | FENCEGRD | 0.015 | 0.016 | 0.016 | 0.016 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167125.643200743390 | 167125.64 | 3909618.99 | FENCEGRD | 0.016 | 0.017 | 0.017 | 0.017 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167110.861356258390 | 167110.86 | 3909600.11 | FENCEGRD | 0.018 | 0.018 | 0.018 | 0.018 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167096.079511772390 | 167096.08 | 3909581.23 | FENCEGRD | 0.019 | 0.019 | 0.019 | 0.019 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167081.297667286390 | 167081.30 | 3909562.36 | FENCEGRD | 0.020 | 0.020 | 0.020 | 0.020 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167066.515822839099 | 167066.52 | 3909543.48 | FENCEGRD | 0.021 | 0.021 | 0.021 | 0.021 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167051.733978315390 | 167051.73 | 3909524.60 | FENCEGRD | 0.021 | 0.021 | 0.021 | 0.021 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167036.952133829390 | 167036.95 | 3909505.73 | FENCEGRD | 0.022 | 0.021 | 0.021 | 0.021 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167022.170289343390 | 167022.17 | 3909486.85 | FENCEGRD | 0.022 | 0.021 | 0.021 | 0.021 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167007.388444857390 | 167007.39 | 3909467.97 | FENCEGRD | 0.021 | 0.021 | 0.021 | 0.021 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166992.606600372390 | 166992.61 | 3909449.09 | FENCEGRD | 0.021 | 0.021 | 0.020 | 0.020 | 0.001 | 0.008 | 0.001 | 0.001 | 0.001 | 0.000 |
| 166977.824755886390 | 166977.82 | 3909430.22 | FENCEGRD | 0.020 | 0.020 | 0.020 | 0.019 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166963.042911439094 | 166963.04 | 3909411.34 | FENCEGRD | 0.020 | 0.019 | 0.019 | 0.019 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166948.261066914390 | 166948.26 | 3909392.46 | FENCEGRD | 0.019 | 0.018 | 0.018 | 0.018 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166933.479222429390 | 166933.48 | 3909373.59 | FENCEGRD | 0.018 | 0.017 | 0.017 | 0.017 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166918.697377943390 | 166918.70 | 3909354.71 | FENCEGRD | 0.017 | 0.016 | 0.016 | 0.016 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166903.915533457390 | 166903.92 | 3909335.83 | FENCEGRD | 0.016 | 0.015 | 0.015 | 0.015 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166889.133688972390 | 166889.13 | 3909316.95 | FENCEGRD | 0.015 | 0.014 | 0.014 | 0.014 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166874.351844486390 | 166874.35 | 3909298.08 | FENCEGRD | 0.014 | 0.013 | 0.013 | 0.013 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168179.070484189390 | 168179.07 | 3909605.11 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168190.518984189390 | 168190.52 | 3909583.35 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168201.967484189390 | 168201.97 | 3909561.59 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168213.415984189390 | 168213.42 | 3909539.83 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168224.864484189390 | 168224.86 | 3909518.07 | FENCEGRD | 0.001 | 0.001 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168236.312984189390 | 168236.31 | 3909496.31 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168247.761484189390 | 168247.76 | 3909474.54 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168259.209984189390 | 168259.21 | 3909452.78 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168270.658484189390 | 168270.66 | 3909431.02 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000</ | | | | | |

16<30 Cancer Risk

| XY | X | Y | REC TYPE | 16<30 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168396.591984189390 | 168396.59 | 3909191.64 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168408.040484189390 | 168408.04 | 3909169.88 | FENCEGRD | 0.003 | 0.003 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167787.000405301390 | 167787.00 | 3908808.03 | FENCEGRD | 0.045 | 0.044 | 0.042 | 0.040 | 0.002 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167754.375442745390 | 167754.38 | 3908835.86 | FENCEGRD | 0.047 | 0.045 | 0.041 | 0.039 | 0.002 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167733.477442745390 | 167733.48 | 3908848.95 | FENCEGRD | 0.045 | 0.042 | 0.039 | 0.036 | 0.001 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167712.579442745390 | 167712.58 | 3908862.03 | FENCEGRD | 0.041 | 0.038 | 0.034 | 0.032 | 0.001 | 0.014 | 0.001 | 0.001 | 0.000 | 0.000 |
| 167691.681442745390 | 167691.68 | 3908875.12 | FENCEGRD | 0.037 | 0.033 | 0.030 | 0.027 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167670.783442745390 | 167670.78 | 3908888.20 | FENCEGRD | 0.031 | 0.028 | 0.025 | 0.022 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167762.006885491390 | 167762.01 | 3908801.59 | FENCEGRD | 0.040 | 0.037 | 0.035 | 0.033 | 0.001 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167741.108885491390 | 167741.11 | 3908814.67 | FENCEGRD | 0.037 | 0.035 | 0.032 | 0.030 | 0.001 | 0.011 | 0.001 | 0.001 | 0.000 | 0.000 |
| 167720.210885491390 | 167720.21 | 3908827.76 | FENCEGRD | 0.034 | 0.032 | 0.029 | 0.027 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167699.312885491390 | 167699.31 | 3908840.84 | FENCEGRD | 0.031 | 0.028 | 0.026 | 0.024 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167678.414885491390 | 167678.41 | 3908853.93 | FENCEGRD | 0.027 | 0.025 | 0.022 | 0.020 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167657.516885491390 | 167657.52 | 3908867.01 | FENCEGRD | 0.023 | 0.021 | 0.019 | 0.017 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167794.142777813390 | 167794.14 | 3908784.69 | FENCEGRD | 0.041 | 0.040 | 0.038 | 0.036 | 0.001 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167816.844002601390 | 167816.84 | 3908786.84 | FENCEGRD | 0.043 | 0.042 | 0.041 | 0.040 | 0.002 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167748.740328236390 | 167748.74 | 3908780.40 | FENCEGRD | 0.032 | 0.030 | 0.028 | 0.026 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167727.842328236390 | 167727.84 | 3908793.49 | FENCEGRD | 0.030 | 0.028 | 0.026 | 0.024 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167706.944328236390 | 167706.94 | 3908806.57 | FENCEGRD | 0.027 | 0.025 | 0.023 | 0.021 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167686.046328236390 | 167686.05 | 3908819.65 | FENCEGRD | 0.024 | 0.022 | 0.020 | 0.019 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167665.148328236390 | 167665.15 | 3908832.74 | FENCEGRD | 0.021 | 0.019 | 0.018 | 0.016 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167644.250328236390 | 167644.25 | 3908845.82 | FENCEGRD | 0.018 | 0.017 | 0.015 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167783.903050533908 | 167783.90 | 3908763.79 | FENCEGRD | 0.036 | 0.034 | 0.032 | 0.030 | 0.001 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167808.117690304390 | 167808.12 | 3908766.08 | FENCEGRD | 0.039 | 0.038 | 0.036 | 0.035 | 0.001 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167868.842829443390 | 167868.84 | 3908842.58 | FENCEGRD | 0.049 | 0.048 | 0.047 | 0.046 | 0.002 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167735.473770981390 | 167735.47 | 3908759.21 | FENCEGRD | 0.027 | 0.025 | 0.023 | 0.022 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167714.575770981390 | 167714.58 | 3908772.30 | FENCEGRD | 0.024 | 0.023 | 0.021 | 0.020 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167693.677770981390 | 167693.68 | 3908785.38 | FENCEGRD | 0.022 | 0.021 | 0.019 | 0.018 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167672.779770981390 | 167672.78 | 3908798.46 | FENCEGRD | 0.020 | 0.018 | 0.017 | 0.015 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167651.881770981390 | 167651.88 | 3908811.55 | FENCEGRD | 0.017 | 0.016 | 0.014 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167630.983770981390 | 167630.98 | 3908824.63 | FENCEGRD | 0.015 | 0.014 | 0.013 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167731.641881263908 | 167731.64 | 3908718.98 | FENCEGRD | 0.022 | 0.021 | 0.019 | 0.018 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167754.343106049390 | 167754.34 | 3908721.12 | FENCEGRD | 0.025 | 0.024 | 0.022 | 0.021 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167777.044330837390 | 167777.04 | 3908723.27 | FENCEGRD | 0.029 | 0.027 | 0.026 | 0.024 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167799.74555625390 | 167799.75 | 3908725.42 | FENCEGRD | 0.032 | 0.031 | 0.029 | 0.028 | 0.001 | 0.011 | 0.001 | 0.001 | 0.001 | 0.000 |
| 167822.446780414390 | 167822.45 | 3908727.56 | FENCEGRD | 0.034 | 0.033 | 0.032 | 0.031 | 0.001 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167845.148005202390 | 167845.15 | 3908729.71 | FENCEGRD | 0.035 | 0.034 | 0.034 | 0.033 | 0.001 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167902.077823145390 | 167902.08 | 3908801.43 | FENCEGRD | 0.044 | 0.043 | 0.042 | 0.041 | 0.002 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167905.920279267390 | 167905.92 | 3908823.90 | FENCEGRD | 0.044 | 0.044 | 0.043 | 0.043 | 0.002 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167909.762735389390 | 167909.76 | 3908846.38 | FENCEGRD | 0.044 | 0.044 | 0.044 | 0.044 | 0.002 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167913.605191511390 | 167913.61 | 3908868.86 | FENCEGRD | 0.043 | 0.043 | 0.044 | 0.044 | 0.002 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167917.447647633390 | 167917.45 | 3908891.33 | FENCEGRD | 0.041 | 0.042 | 0.044 | 0.045 | 0.002 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167708.940656472390 | 167708.94 | 3908716.83 | FENCEGRD | 0.019 | 0.018 | 0.016 | 0.015 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167688.042656472390 | 167688.04 | 3908729.92 | FENCEGRD | 0.017 | 0.016 | 0.015 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167667.144656472390 | 167667.14 | 3908743.00 | FENCEGRD | 0.015 | 0.014 | 0.013 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167646.246656472390 | 167646.25 | 3908756.08 | FENCEGRD | 0.014 | 0.013 | 0.012 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167625.348656472390 | 167625.35 | 3908769.17 | FENCEGRD | 0.012 | 0.011 | 0.011 | 0.010 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167604.450656472390 | 167604.45 | 3908782.25 | FENCEGRD | 0.011 | 0.010 | 0.009 | 0.009 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167706.622181736390 | 167706.62 | 3908676.74 | FENCEGRD | 0.016 | 0.015 | 0.014 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167730.836821511390 | 167730.84 | 3908679.03 | FENCEGRD | 0.019 | 0.018 | 0.017 | 0.016 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167755.051461285390 | 167755.05 | 3908681.32 | FENCEGRD | 0.022 | 0.021 | 0.020 | 0.019 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167779.266101059390 | 167779.27 | 3908683.61 | FENCEGRD | 0.024 | 0.024 | 0.023 | 0.022 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167803.480740834390 | 167803.48 | 3908685.90 | FENCEGRD | 0.026 | 0.025 | 0.024 | 0.024 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167827.695380608390 | 167827.70 | 3908688.19 | FENCEGRD | 0.028 | 0.027 | 0.026 | 0.026 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167851.910020382390 | 167851.91 | 3908690.47 | FENCEGRD | 0.029 | 0.029 | 0.028 | 0.027 | 0.001 | 0.012 | 0.001 | 0.001 | 0.001 | 0.000 |
| 167876.124660157390 | 167876.12 | 3908692.76 | FENCEGRD | 0.030 | 0.030 | 0.029 | 0.029 | 0.001 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167900.339299931390 | 167900.34 | 3908695.05 | FENCEGRD | 0.032 | 0.031 | 0.031 | 0.030 | 0.001 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167936.849799296390 | 167936.85 | 3908769.26 | FENCEGRD | 0.043 | 0.042 | 0.042 | 0.041 | 0.002 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167940.948419159390 | 167940.95 | 3908793.24 | FENCEGRD | 0.045 | 0.045 | 0.044 | 0.044 | 0.002 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167945.047039022390 | 167945.05 | 3908817.21 | FENCEGRD | 0.047 | 0.047 | 0.047 | 0.046 | 0.002 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167949.145658886390 | 167949.15 | 3908841.19 | FENCEGRD | 0.048 | 0.048 | 0.049 | 0.049 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167953.244278749390 | 167953.24 | 3908865.16 | FENCEGRD | 0.047 | 0.048 | 0.049 | 0.050 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167957.342898613390 | 167957.34 | 3908889.14 | FENCEGRD | 0.045 | 0.047 | 0.048 | 0.050 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167961.441518476390 | 167961.44 | 3908913.11 | FENCEGRD | 0.044 | 0.045 | 0.047 | 0.049 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167682.407541962390 | 167682.41 | 3908674.45 | FENCEGRD | 0.014 | 0.013 | 0.012 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167661.509541962390 | 167661.51 | 3908687.54 | FENCEGRD | 0.012 | 0.012 | 0.011 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167640.611541962390 | 167640.61 | 3908700.62 | FENCEGRD | 0.011 | 0.010 | 0.010 | 0.009 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167619.713541962390 | 167619.71 | 3908713.71 | FENCEGRD | 0.010 | 0.009 | 0.009 | 0.009 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167598.815541962390 | 167598.82 | 3908726.79 | FENCEGRD | 0.009 | 0.009 | 0.008 | 0.008 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167577.917541962390 | 167577.92 | 3908739.87 | FENCEGRD | 0.008 | 0.008 | 0.007 | 0.007 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167679.157734928390 | 167679.16 | 3908634.27 | FENCEGRD | 0.012 | 0.011 | 0.011 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167702.441042403390 | 167702.44 | 3908636.48 | FENCEGRD | 0.014 | 0.013 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167725.724349878390 | 167725.72 | 3908638.68 | FENCEGRD | 0.016 | 0.015 | 0.014 | 0.014 | 0.001 | | | | | |

16<30 Cancer Risk

| XY | X | Y | REC TYPE | 16<30 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---------------------------------|--------|--------|--------|---------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167978.262327821390 | 167978.26 | 3908775.95 | FENCEGRD | 0.043 | 0.043 | 0.043 | 0.043 | 0.002 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167982.203308459390 | 167982.20 | 3908799.00 | FENCEGRD | 0.045 | 0.045 | 0.045 | 0.045 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167986.144289097390 | 167986.14 | 3908822.05 | FENCEGRD | 0.046 | 0.046 | 0.047 | 0.047 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167990.085269735390 | 167990.09 | 3908845.10 | FENCEGRD | 0.046 | 0.047 | 0.048 | 0.048 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167994.026250373390 | 167994.03 | 3908868.16 | FENCEGRD | 0.045 | 0.046 | 0.048 | 0.049 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167997.967231011390 | 167997.97 | 3908891.21 | FENCEGRD | 0.044 | 0.045 | 0.047 | 0.048 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168001.908211649390 | 168001.91 | 3908914.26 | FENCEGRD | 0.041 | 0.043 | 0.045 | 0.046 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168005.849192287390 | 168005.85 | 3908937.31 | FENCEGRD | 0.037 | 0.039 | 0.041 | 0.043 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167655.874427453390 | 167655.87 | 3908632.07 | FENCEGRD | 0.010 | 0.010 | 0.009 | 0.009 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167634.976427453390 | 167634.98 | 3908645.16 | FENCEGRD | 0.009 | 0.009 | 0.008 | 0.008 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167614.078427453390 | 167614.08 | 3908658.24 | FENCEGRD | 0.009 | 0.008 | 0.008 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167593.180427453390 | 167593.18 | 3908671.33 | FENCEGRD | 0.008 | 0.008 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167572.282427453390 | 167572.28 | 3908684.41 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.006 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167551.384427453390 | 167551.38 | 3908697.49 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167653.555952718390 | 167653.56 | 3908591.98 | FENCEGRD | 0.009 | 0.009 | 0.008 | 0.008 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167677.770592492390 | 167677.77 | 3908594.27 | FENCEGRD | 0.011 | 0.010 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167701.985232266390 | 167701.99 | 3908596.56 | FENCEGRD | 0.012 | 0.012 | 0.011 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167726.199872043908 | 167726.20 | 3908598.85 | FENCEGRD | 0.014 | 0.014 | 0.013 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167750.414511815390 | 167750.41 | 3908601.14 | FENCEGRD | 0.015 | 0.015 | 0.014 | 0.014 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167774.629151589390 | 167774.63 | 3908603.43 | FENCEGRD | 0.016 | 0.016 | 0.015 | 0.015 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167798.843791363390 | 167798.84 | 3908605.72 | FENCEGRD | 0.018 | 0.017 | 0.017 | 0.016 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167823.058431138390 | 167823.06 | 3908608.00 | FENCEGRD | 0.019 | 0.019 | 0.018 | 0.017 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167847.273070912390 | 167847.27 | 3908610.29 | FENCEGRD | 0.021 | 0.020 | 0.020 | 0.019 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167871.487710686390 | 167871.49 | 3908612.58 | FENCEGRD | 0.022 | 0.021 | 0.021 | 0.020 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167895.702350461390 | 167895.70 | 3908614.87 | FENCEGRD | 0.023 | 0.023 | 0.022 | 0.022 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167919.916990235390 | 167919.92 | 3908617.16 | FENCEGRD | 0.024 | 0.024 | 0.023 | 0.023 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167944.131630009390 | 167944.13 | 3908619.45 | FENCEGRD | 0.025 | 0.024 | 0.024 | 0.024 | 0.001 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167968.346269784390 | 167968.35 | 3908621.74 | FENCEGRD | 0.026 | 0.026 | 0.025 | 0.025 | 0.001 | 0.013 | 0.001 | 0.001 | 0.000 | 0.000 |
| 167996.659529421390 | 167996.66 | 3908648.00 | FENCEGRD | 0.030 | 0.030 | 0.030 | 0.029 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168000.758149285390 | 168000.76 | 3908671.98 | FENCEGRD | 0.033 | 0.033 | 0.032 | 0.032 | 0.002 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168004.856769148390 | 168004.86 | 3908695.95 | FENCEGRD | 0.036 | 0.035 | 0.035 | 0.035 | 0.002 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168008.955389012390 | 168008.96 | 3908719.92 | FENCEGRD | 0.038 | 0.038 | 0.037 | 0.037 | 0.002 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168013.054008875390 | 168013.05 | 3908743.90 | FENCEGRD | 0.040 | 0.040 | 0.039 | 0.039 | 0.002 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168017.152628739390 | 168017.15 | 3908767.87 | FENCEGRD | 0.042 | 0.042 | 0.042 | 0.042 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168021.251248602390 | 168021.25 | 3908791.85 | FENCEGRD | 0.043 | 0.043 | 0.043 | 0.044 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168025.349868465390 | 168025.35 | 3908815.82 | FENCEGRD | 0.043 | 0.044 | 0.044 | 0.045 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168029.448488329390 | 168029.45 | 3908839.80 | FENCEGRD | 0.042 | 0.043 | 0.044 | 0.045 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168033.547108192390 | 168033.55 | 3908863.77 | FENCEGRD | 0.041 | 0.042 | 0.044 | 0.045 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168037.645728056390 | 168037.65 | 3908887.75 | FENCEGRD | 0.039 | 0.040 | 0.042 | 0.043 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168041.744347919390 | 168041.74 | 3908911.72 | FENCEGRD | 0.036 | 0.037 | 0.039 | 0.041 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168045.842967783390 | 168045.84 | 3908935.70 | FENCEGRD | 0.032 | 0.034 | 0.035 | 0.037 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168049.941587646390 | 168049.94 | 3908959.67 | FENCEGRD | 0.027 | 0.029 | 0.031 | 0.032 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167629.341312943390 | 167629.34 | 3908589.69 | FENCEGRD | 0.008 | 0.008 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167608.443312943390 | 167608.44 | 3908602.78 | FENCEGRD | 0.008 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167587.545312943390 | 167587.55 | 3908615.86 | FENCEGRD | 0.007 | 0.007 | 0.006 | 0.006 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167566.647312943390 | 167566.65 | 3908628.95 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167545.749312943390 | 167545.75 | 3908642.03 | FENCEGRD | 0.006 | 0.006 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167524.851312943390 | 167524.85 | 3908655.11 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167600.489723699390 | 167600.49 | 3908507.23 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167624.704363473390 | 167624.70 | 3908509.51 | FENCEGRD | 0.007 | 0.007 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167648.919003247390 | 167648.92 | 3908511.80 | FENCEGRD | 0.008 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167673.133643022390 | 167673.13 | 3908514.09 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167697.348282796390 | 167697.35 | 3908516.38 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167721.562922573908 | 167721.56 | 3908518.67 | FENCEGRD | 0.011 | 0.010 | 0.010 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167745.777562345390 | 167745.78 | 3908520.96 | FENCEGRD | 0.012 | 0.011 | 0.011 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167769.992202119390 | 167769.99 | 3908523.25 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167794.206841893390 | 167794.21 | 3908525.54 | FENCEGRD | 0.013 | 0.013 | 0.012 | 0.012 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167818.421481668390 | 167818.42 | 3908527.82 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.013 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167842.636121442390 | 167842.64 | 3908530.11 | FENCEGRD | 0.016 | 0.015 | 0.015 | 0.014 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167866.850761216390 | 167866.85 | 3908532.40 | FENCEGRD | 0.017 | 0.016 | 0.016 | 0.016 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167891.065400991390 | 167891.07 | 3908534.69 | FENCEGRD | 0.018 | 0.017 | 0.017 | 0.017 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167915.280040765390 | 167915.28 | 3908536.98 | FENCEGRD | 0.019 | 0.018 | 0.018 | 0.018 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167939.494680539390 | 167939.49 | 3908539.27 | FENCEGRD | 0.020 | 0.019 | 0.019 | 0.019 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167963.709320314390 | 167963.71 | 3908541.56 | FENCEGRD | 0.020 | 0.020 | 0.020 | 0.020 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167987.923960088390 | 167987.92 | 3908543.84 | FENCEGRD | 0.021 | 0.021 | 0.021 | 0.021 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168012.138599862390 | 168012.14 | 3908546.13 | FENCEGRD | 0.023 | 0.022 | 0.022 | 0.022 | 0.001 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168036.353239637390 | 168036.35 | 3908548.42 | FENCEGRD | 0.023 | 0.023 | 0.022 | 0.022 | 0.001 | 0.012 | 0.001 | 0.000 | 0.000 | 0.000 |
| 168064.666499274390 | 168064.67 | 3908574.69 | FENCEGRD | 0.025 | 0.025 | 0.025 | 0.024 | 0.001 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168068.765119138390 | 168068.77 | 3908598.66 | FENCEGRD | 0.027 | 0.027 | 0.027 | 0.026 | 0.001 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168072.863739001390 | 168072.86 | 3908622.64 | FENCEGRD | 0.029 | 0.029 | 0.029 | 0.028 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168076.962358865390 | 168076.96 | 3908646.61 | FENCEGRD | 0.031 | 0.031 | 0.031 | 0.030 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168081.060978728390 | 168081.06 | 3908670.58 | FENCEGRD | 0.033 | 0.033 | 0.032 | 0.032 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168085.159598592390 | 168085.16 | 3908694.56 | FENCEGRD | 0.034 | 0.034 | 0.034 | 0.034 | 0.002</ | | | | | |

16<30 Cancer Risk

| XY | X | Y | REC TYPE | 16<30 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---------------------------------|--------|--------|--------|---------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168130.244417089390 | 168130.24 | 3908958.28 | FENCEGRD | 0.020 | 0.021 | 0.023 | 0.024 | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168134.343036952390 | 168134.34 | 3908982.26 | FENCEGRD | 0.018 | 0.018 | 0.020 | 0.020 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168138.441656816390 | 168138.44 | 3909006.23 | FENCEGRD | 0.015 | 0.016 | 0.017 | 0.018 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167576.275083924390 | 167576.28 | 3908504.94 | FENCEGRD | 0.006 | 0.006 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167555.377083924390 | 167555.38 | 3908518.02 | FENCEGRD | 0.006 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167534.479083924390 | 167534.48 | 3908531.10 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167513.581083924390 | 167513.58 | 3908544.19 | FENCEGRD | 0.005 | 0.005 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167492.683083924390 | 167492.68 | 3908557.27 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167471.785083924390 | 167471.79 | 3908570.36 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167547.423494683908 | 167547.42 | 3908422.47 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167571.638134454390 | 167571.64 | 3908424.76 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167595.852774228390 | 167595.85 | 3908427.04 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167620.067414003390 | 167620.07 | 3908429.33 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167644.282053777390 | 167644.28 | 3908431.62 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167668.496693551390 | 167668.50 | 3908433.91 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167692.711333325390 | 167692.71 | 3908436.20 | FENCEGRD | 0.008 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167716.925973139084 | 167716.93 | 3908438.49 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.007 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167741.140612874390 | 167741.14 | 3908440.78 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167765.355252648390 | 167765.36 | 3908443.07 | FENCEGRD | 0.010 | 0.010 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167789.569892423390 | 167789.57 | 3908445.35 | FENCEGRD | 0.011 | 0.010 | 0.010 | 0.010 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167813.784532197390 | 167813.78 | 3908447.64 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167837.999171971390 | 167838.00 | 3908449.93 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.011 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167862.213811746390 | 167862.21 | 3908452.22 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.012 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167886.428451523908 | 167886.43 | 3908454.51 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.013 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167910.643091294390 | 167910.64 | 3908456.80 | FENCEGRD | 0.015 | 0.015 | 0.014 | 0.014 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167934.857731068390 | 167934.86 | 3908459.09 | FENCEGRD | 0.016 | 0.016 | 0.015 | 0.015 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167959.072370843390 | 167959.07 | 3908461.38 | FENCEGRD | 0.017 | 0.016 | 0.016 | 0.016 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167983.287010617390 | 167983.29 | 3908463.66 | FENCEGRD | 0.017 | 0.017 | 0.017 | 0.017 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168007.501650391390 | 168007.50 | 3908465.95 | FENCEGRD | 0.018 | 0.018 | 0.017 | 0.017 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168031.716290166390 | 168031.72 | 3908468.24 | FENCEGRD | 0.018 | 0.018 | 0.017 | 0.017 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168055.930929943908 | 168055.93 | 3908470.53 | FENCEGRD | 0.018 | 0.018 | 0.018 | 0.017 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168080.145569714390 | 168080.15 | 3908472.82 | FENCEGRD | 0.019 | 0.018 | 0.018 | 0.018 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168104.360209489390 | 168104.36 | 3908475.11 | FENCEGRD | 0.019 | 0.019 | 0.018 | 0.018 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168132.673469126390 | 168132.67 | 3908501.37 | FENCEGRD | 0.021 | 0.021 | 0.020 | 0.020 | 0.001 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168136.772088993908 | 168136.77 | 3908525.35 | FENCEGRD | 0.023 | 0.022 | 0.022 | 0.022 | 0.001 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168140.870708853390 | 168140.87 | 3908549.32 | FENCEGRD | 0.024 | 0.024 | 0.024 | 0.023 | 0.001 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168144.969328717390 | 168144.97 | 3908573.30 | FENCEGRD | 0.026 | 0.025 | 0.025 | 0.025 | 0.001 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168149.067948583908 | 168149.07 | 3908597.27 | FENCEGRD | 0.027 | 0.027 | 0.027 | 0.026 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168153.166568444390 | 168153.17 | 3908621.24 | FENCEGRD | 0.028 | 0.028 | 0.028 | 0.028 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168157.265188307390 | 168157.27 | 3908645.22 | FENCEGRD | 0.029 | 0.029 | 0.029 | 0.029 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168161.363808171390 | 168161.36 | 3908669.19 | FENCEGRD | 0.030 | 0.030 | 0.030 | 0.030 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168165.462428034390 | 168165.46 | 3908693.17 | FENCEGRD | 0.030 | 0.030 | 0.031 | 0.031 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168169.561047897390 | 168169.56 | 3908717.14 | FENCEGRD | 0.030 | 0.030 | 0.031 | 0.031 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168173.659667761390 | 168173.66 | 3908741.12 | FENCEGRD | 0.030 | 0.030 | 0.031 | 0.031 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168177.758287624390 | 168177.76 | 3908765.09 | FENCEGRD | 0.029 | 0.030 | 0.031 | 0.031 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168181.856907488390 | 168181.86 | 3908789.07 | FENCEGRD | 0.029 | 0.030 | 0.030 | 0.031 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168185.955527351390 | 168185.96 | 3908813.04 | FENCEGRD | 0.028 | 0.029 | 0.029 | 0.030 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168190.054147215390 | 168190.05 | 3908837.02 | FENCEGRD | 0.026 | 0.027 | 0.028 | 0.029 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168194.152767078390 | 168194.15 | 3908860.99 | FENCEGRD | 0.024 | 0.025 | 0.026 | 0.027 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168198.251386942390 | 168198.25 | 3908884.97 | FENCEGRD | 0.022 | 0.023 | 0.024 | 0.025 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168202.350006805390 | 168202.35 | 3908908.94 | FENCEGRD | 0.020 | 0.020 | 0.021 | 0.022 | 0.002 | 0.005 | 0.000 | 0.001 | 0.001 | 0.001 |
| 168206.448626668390 | 168206.45 | 3908932.92 | FENCEGRD | 0.017 | 0.018 | 0.019 | 0.020 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168210.547246532390 | 168210.55 | 3908956.89 | FENCEGRD | 0.015 | 0.016 | 0.017 | 0.017 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168214.645866395390 | 168214.65 | 3908980.87 | FENCEGRD | 0.014 | 0.014 | 0.015 | 0.015 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168218.744486259390 | 168218.74 | 3909004.84 | FENCEGRD | 0.012 | 0.013 | 0.013 | 0.014 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168222.843106122390 | 168222.84 | 3909028.82 | FENCEGRD | 0.011 | 0.011 | 0.012 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168226.941725986390 | 168226.94 | 3909052.79 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167523.208854905390 | 167523.21 | 3908420.18 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167502.310854905390 | 167502.31 | 3908433.26 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167481.412854905390 | 167481.41 | 3908446.35 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167460.514854905390 | 167460.51 | 3908459.43 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167439.616854905390 | 167439.62 | 3908472.51 | FENCEGRD | 0.004 | 0.004 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167418.718854905390 | 167418.72 | 3908485.60 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167494.357265661390 | 167494.36 | 3908337.71 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167518.571905435390 | 167518.57 | 3908340.00 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167542.786545209390 | 167542.79 | 3908342.29 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167567.001184984390 | 167567.00 | 3908344.57 | FENCEGRD | 0.004 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167591.215824758390 | 167591.22 | 3908346.86 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167615.430464532390 | 167615.43 | 3908349.15 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167639.645104307390 | 167639.65 | 3908351.44 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167663.859744081390 | 167663.86 | 3908353.73 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167688.074383855390 | 167688.07 | 3908356.02 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167712.289023633908 | 167712.29 | 3908358.31 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.005 | 0.000</ | | | | | |

16<30 Cancer Risk

| | | | | 16<30 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167978.650061147390 | 167978.65 | 3908383.48 | FENCEGRD | 0.014 | 0.014 | 0.013 | 0.013 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168002.864700921390 | 168002.86 | 3908385.77 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.013 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168027.079340696390 | 168027.08 | 3908388.06 | FENCEGRD | 0.015 | 0.014 | 0.014 | 0.014 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168051.293980473908 | 168051.29 | 3908390.35 | FENCEGRD | 0.015 | 0.015 | 0.014 | 0.014 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168075.508620244390 | 168075.51 | 3908392.64 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.014 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168099.723260019390 | 168099.72 | 3908394.93 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.015 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168123.937899793390 | 168123.94 | 3908397.22 | FENCEGRD | 0.016 | 0.016 | 0.015 | 0.015 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168148.152539567390 | 168148.15 | 3908399.50 | FENCEGRD | 0.016 | 0.016 | 0.016 | 0.015 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168172.367179342390 | 168172.37 | 3908401.79 | FENCEGRD | 0.017 | 0.016 | 0.016 | 0.016 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168200.680438979390 | 168200.68 | 3908428.06 | FENCEGRD | 0.018 | 0.018 | 0.018 | 0.017 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168204.779058843390 | 168204.78 | 3908452.03 | FENCEGRD | 0.019 | 0.019 | 0.019 | 0.018 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168208.877678706390 | 168208.88 | 3908476.01 | FENCEGRD | 0.020 | 0.020 | 0.020 | 0.020 | 0.001 | 0.011 | 0.001 | 0.001 | 0.000 | 0.000 |
| 168212.976298573908 | 168212.98 | 3908499.98 | FENCEGRD | 0.021 | 0.021 | 0.021 | 0.021 | 0.001 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168217.074918433390 | 168217.07 | 3908523.96 | FENCEGRD | 0.022 | 0.022 | 0.022 | 0.022 | 0.001 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168221.173538297390 | 168221.17 | 3908547.93 | FENCEGRD | 0.023 | 0.023 | 0.023 | 0.023 | 0.001 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168225.272158163908 | 168225.27 | 3908571.90 | FENCEGRD | 0.024 | 0.024 | 0.024 | 0.024 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168229.370778023390 | 168229.37 | 3908595.88 | FENCEGRD | 0.025 | 0.025 | 0.025 | 0.025 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168233.469397887390 | 168233.47 | 3908619.85 | FENCEGRD | 0.026 | 0.026 | 0.026 | 0.026 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168237.568017753908 | 168237.57 | 3908643.83 | FENCEGRD | 0.026 | 0.026 | 0.027 | 0.027 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168241.666637614390 | 168241.67 | 3908667.80 | FENCEGRD | 0.026 | 0.027 | 0.027 | 0.027 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168245.765257477390 | 168245.77 | 3908691.78 | FENCEGRD | 0.026 | 0.027 | 0.027 | 0.028 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168249.863877341390 | 168249.86 | 3908715.75 | FENCEGRD | 0.026 | 0.027 | 0.027 | 0.027 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168253.962497204390 | 168253.96 | 3908739.73 | FENCEGRD | 0.025 | 0.026 | 0.026 | 0.027 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168258.061117067390 | 168258.06 | 3908763.70 | FENCEGRD | 0.024 | 0.024 | 0.025 | 0.026 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168262.159736931390 | 168262.16 | 3908787.68 | FENCEGRD | 0.022 | 0.023 | 0.024 | 0.024 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168266.258356794390 | 168266.26 | 3908811.65 | FENCEGRD | 0.021 | 0.022 | 0.022 | 0.023 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168270.356976658390 | 168270.36 | 3908835.63 | FENCEGRD | 0.019 | 0.020 | 0.021 | 0.021 | 0.002 | 0.006 | 0.000 | 0.000 | 0.001 | 0.001 |
| 168274.455596521390 | 168274.46 | 3908859.60 | FENCEGRD | 0.017 | 0.018 | 0.019 | 0.020 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168278.554216385390 | 168278.55 | 3908883.58 | FENCEGRD | 0.016 | 0.016 | 0.017 | 0.018 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168282.652836248390 | 168282.65 | 3908907.55 | FENCEGRD | 0.014 | 0.015 | 0.016 | 0.016 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168286.751456111390 | 168286.75 | 3908931.53 | FENCEGRD | 0.013 | 0.013 | 0.014 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168290.850075975390 | 168290.85 | 3908955.50 | FENCEGRD | 0.011 | 0.012 | 0.012 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168294.948695838390 | 168294.95 | 3908979.48 | FENCEGRD | 0.010 | 0.011 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168299.047315702390 | 168299.05 | 3909003.45 | FENCEGRD | 0.009 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168303.145935565390 | 168303.15 | 3909027.42 | FENCEGRD | 0.008 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168307.244555429390 | 168307.24 | 3909051.40 | FENCEGRD | 0.007 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168311.343175292390 | 168311.34 | 3909075.37 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168315.441795156390 | 168315.44 | 3909099.35 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167470.142625886390 | 167470.14 | 3908335.42 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167449.244625886390 | 167449.24 | 3908348.50 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167428.346625886390 | 167428.35 | 3908361.59 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167407.448625886390 | 167407.45 | 3908374.67 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167386.550625886390 | 167386.55 | 3908387.76 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167365.652625886390 | 167365.65 | 3908400.84 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167441.291036642390 | 167441.29 | 3908252.95 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167465.505676416390 | 167465.51 | 3908255.24 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167489.720316193908 | 167489.72 | 3908257.53 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167513.934955965390 | 167513.93 | 3908259.82 | FENCEGRD | 0.003 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167538.149595739390 | 167538.15 | 3908262.11 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167562.364235513390 | 167562.36 | 3908264.39 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167586.578875288390 | 167586.58 | 3908266.68 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167610.793515062390 | 167610.79 | 3908268.97 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167635.008154836390 | 167635.01 | 3908271.26 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167659.222794611390 | 167659.22 | 3908273.55 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167683.437434385390 | 167683.44 | 3908275.84 | FENCEGRD | 0.005 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167707.652074159390 | 167707.65 | 3908278.13 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167731.866713934390 | 167731.87 | 3908280.41 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167756.081353708390 | 167756.08 | 3908282.70 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167780.295993482390 | 167780.30 | 3908284.99 | FENCEGRD | 0.007 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167804.510633257390 | 167804.51 | 3908287.28 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167828.725273031390 | 167828.73 | 3908289.57 | FENCEGRD | 0.008 | 0.008 | 0.007 | 0.007 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167852.939912805390 | 167852.94 | 3908291.86 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167877.154552583908 | 167877.15 | 3908294.15 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.008 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167901.369192354390 | 167901.37 | 3908296.44 | FENCEGRD | 0.010 | 0.009 | 0.009 | 0.009 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167925.583832128390 | 167925.58 | 3908298.72 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167949.798471903390 | 167949.80 | 3908301.01 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.010 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167974.013111677390 | 167974.01 | 3908303.30 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167998.227751451390 | 167998.23 | 3908305.59 | FENCEGRD | 0.012 | 0.011 | 0.011 | 0.011 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168022.442391225390 | 168022.44 | 3908307.88 | FENCEGRD | 0.012 | 0.012 | 0.011 | 0.011 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168046.657031390830 | 168046.66 | 3908310.17 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.011 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168070.871670774390 | 168070.87 | 3908312.46 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.012 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168095.086310548390 | 168095.09 | 3908314.75 | FENCEGRD | 0.013 | 0.013 | 0.012 | 0.012 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168119.300950323390 | 168119.30 | 3908317.03 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.012 | 0.001 | 0.00 | | | | |

16<30 Cancer Risk

| | | | | 16<30 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168289.180508149390 | 168289.18 | 3908474.62 | FENCEGRD | 0.020 | 0.020 | 0.020 | 0.020 | 0.001 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168293.279128013390 | 168293.28 | 3908498.59 | FENCEGRD | 0.021 | 0.021 | 0.021 | 0.021 | 0.001 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168297.377747876390 | 168297.38 | 3908522.56 | FENCEGRD | 0.021 | 0.021 | 0.021 | 0.021 | 0.001 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168301.476367743908 | 168301.48 | 3908546.54 | FENCEGRD | 0.022 | 0.022 | 0.022 | 0.022 | 0.001 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168305.574987603390 | 168305.57 | 3908570.51 | FENCEGRD | 0.022 | 0.022 | 0.023 | 0.023 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168309.673607466390 | 168309.67 | 3908594.49 | FENCEGRD | 0.023 | 0.023 | 0.023 | 0.023 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168313.772227333908 | 168313.77 | 3908618.46 | FENCEGRD | 0.023 | 0.023 | 0.023 | 0.023 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168317.870847193390 | 168317.87 | 3908642.44 | FENCEGRD | 0.023 | 0.023 | 0.023 | 0.024 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168321.969467057390 | 168321.97 | 3908666.41 | FENCEGRD | 0.022 | 0.023 | 0.023 | 0.023 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168326.068086923908 | 168326.07 | 3908690.39 | FENCEGRD | 0.021 | 0.022 | 0.022 | 0.023 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168330.166706784390 | 168330.17 | 3908714.36 | FENCEGRD | 0.021 | 0.021 | 0.022 | 0.022 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168334.265326647390 | 168334.27 | 3908738.34 | FENCEGRD | 0.020 | 0.020 | 0.021 | 0.021 | 0.002 | 0.007 | 0.000 | 0.000 | 0.001 | 0.001 |
| 168338.363946511390 | 168338.36 | 3908762.31 | FENCEGRD | 0.018 | 0.018 | 0.019 | 0.019 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168342.462566374390 | 168342.46 | 3908786.29 | FENCEGRD | 0.016 | 0.017 | 0.017 | 0.018 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168346.561186237390 | 168346.56 | 3908810.26 | FENCEGRD | 0.015 | 0.015 | 0.016 | 0.017 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168350.659806101390 | 168350.66 | 3908834.24 | FENCEGRD | 0.014 | 0.014 | 0.015 | 0.015 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168354.758425964390 | 168354.76 | 3908858.21 | FENCEGRD | 0.013 | 0.013 | 0.014 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168358.857045828390 | 168358.86 | 3908882.19 | FENCEGRD | 0.011 | 0.012 | 0.012 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168362.955665691390 | 168362.96 | 3908906.16 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168367.054285555390 | 168367.05 | 3908930.14 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168371.152905418390 | 168371.15 | 3908954.11 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168375.251525281390 | 168375.25 | 3908978.08 | FENCEGRD | 0.008 | 0.008 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168379.350145145390 | 168379.35 | 3909002.06 | FENCEGRD | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168383.448765008390 | 168383.45 | 3909026.03 | FENCEGRD | 0.006 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168387.547384872390 | 168387.55 | 3909050.01 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168391.646004735390 | 168391.65 | 3909073.98 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168395.744624599390 | 168395.74 | 3909097.96 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168399.843244462390 | 168399.84 | 3909121.93 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168403.941864325390 | 168403.94 | 3909145.91 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167417.076396867390 | 167417.08 | 3908250.66 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167396.178396867390 | 167396.18 | 3908263.75 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167375.280396867390 | 167375.28 | 3908276.83 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167354.382396867390 | 167354.38 | 3908289.91 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167333.484396867390 | 167333.48 | 3908303.00 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167312.586396867390 | 167312.59 | 3908316.08 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167640.127983382390 | 167640.13 | 3908885.50 | FENCEGRD | 0.020 | 0.018 | 0.017 | 0.015 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167628.894347019390 | 167628.89 | 3908906.15 | FENCEGRD | 0.019 | 0.017 | 0.015 | 0.014 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167617.660710655390 | 167617.66 | 3908926.80 | FENCEGRD | 0.017 | 0.015 | 0.014 | 0.012 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167618.166975073390 | 167618.17 | 3908873.55 | FENCEGRD | 0.015 | 0.014 | 0.013 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167606.933338713908 | 167606.93 | 3908894.20 | FENCEGRD | 0.014 | 0.013 | 0.012 | 0.011 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167595.699702346390 | 167595.70 | 3908914.85 | FENCEGRD | 0.012 | 0.011 | 0.010 | 0.009 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167584.466065983390 | 167584.47 | 3908935.50 | FENCEGRD | 0.010 | 0.009 | 0.008 | 0.008 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167573.232429619390 | 167573.23 | 3908956.15 | FENCEGRD | 0.008 | 0.007 | 0.007 | 0.006 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167607.798568173908 | 167607.80 | 3908849.28 | FENCEGRD | 0.013 | 0.012 | 0.011 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167584.972330401390 | 167584.97 | 3908882.26 | FENCEGRD | 0.011 | 0.010 | 0.009 | 0.008 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167573.738694037390 | 167573.74 | 3908902.91 | FENCEGRD | 0.009 | 0.009 | 0.008 | 0.007 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167562.505057674390 | 167562.51 | 3908923.56 | FENCEGRD | 0.008 | 0.007 | 0.007 | 0.006 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167551.271421313908 | 167551.27 | 3908944.21 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.005 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167540.037784946390 | 167540.04 | 3908964.86 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167528.804148583390 | 167528.80 | 3908985.51 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167517.570512219390 | 167517.57 | 3909006.16 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167506.336875855390 | 167506.34 | 3909026.81 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167495.103239492390 | 167495.10 | 3909047.46 | FENCEGRD | 0.004 | 0.005 | 0.005 | 0.005 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167565.325626728390 | 167565.33 | 3908823.85 | FENCEGRD | 0.008 | 0.008 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167541.050313783390 | 167541.05 | 3908858.36 | FENCEGRD | 0.007 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167529.816677423908 | 167529.82 | 3908879.01 | FENCEGRD | 0.006 | 0.006 | 0.005 | 0.005 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167518.583041056390 | 167518.58 | 3908899.66 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167507.349404692390 | 167507.35 | 3908920.32 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167496.115768329390 | 167496.12 | 3908940.97 | FENCEGRD | 0.005 | 0.004 | 0.004 | 0.004 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167484.882131965390 | 167484.88 | 3908961.62 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167473.648495601390 | 167473.65 | 3908982.27 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167462.414859238390 | 167462.41 | 3909002.92 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167451.181222874390 | 167451.18 | 3909023.57 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167439.947586511390 | 167439.95 | 3909044.22 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167522.273055216390 | 167522.27 | 3908799.03 | FENCEGRD | 0.006 | 0.006 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167550.095298589390 | 167550.10 | 3908769.45 | FENCEGRD | 0.007 | 0.007 | 0.006 | 0.006 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167497.128297166390 | 167497.13 | 3908834.47 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167485.894660802390 | 167485.89 | 3908855.12 | FENCEGRD | 0.005 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167474.661024438390 | 167474.66 | 3908875.77 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167463.427388075390 | 167463.43 | 3908896.42 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167452.193751711390 | 167452.19 | 3908917.07 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167440.960115347390 | 167440.96 | 3908937.73 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167429.726478984390 | 167429.73 | 3908958.38 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.00 | | | | |

16<30 Cancer Risk

| XY | X | Y | REC TYPE | 16<30 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---------------------------------|--------|--------|--------|---------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167408.271735093390 | 167408.27 | 3908893.18 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167397.038098733908 | 167397.04 | 3908913.83 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167385.804462366390 | 167385.80 | 3908934.48 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167374.570826002390 | 167374.57 | 3908955.13 | FENCEGRD | 0.005 | 0.005 | 0.004 | 0.004 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167363.337189639390 | 167363.34 | 3908975.79 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167352.103553275390 | 167352.10 | 3908996.44 | FENCEGRD | 0.006 | 0.005 | 0.005 | 0.005 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167340.869916911390 | 167340.87 | 3909017.09 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167435.422673529390 | 167435.42 | 3908750.19 | FENCEGRD | 0.004 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167465.232220001390 | 167465.23 | 3908718.50 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167495.041766472390 | 167495.04 | 3908686.81 | FENCEGRD | 0.005 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167409.284263933908 | 167409.28 | 3908786.69 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167398.050627566390 | 167398.05 | 3908807.34 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167386.816991203390 | 167386.82 | 3908827.99 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167375.583354839390 | 167375.58 | 3908848.64 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167364.349718476390 | 167364.35 | 3908869.29 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167353.116082112390 | 167353.12 | 3908889.94 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167341.882445748390 | 167341.88 | 3908910.59 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167330.648809385390 | 167330.65 | 3908931.24 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167319.415173021390 | 167319.42 | 3908951.89 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167308.181536657390 | 167308.18 | 3908972.54 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167296.947900294390 | 167296.95 | 3908993.19 | FENCEGRD | 0.006 | 0.005 | 0.005 | 0.005 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167348.130668932390 | 167348.13 | 3908701.82 | FENCEGRD | 0.003 | 0.003 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167379.044272683908 | 167379.04 | 3908668.95 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167394.501074554390 | 167394.50 | 3908652.52 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167409.957876428390 | 167409.96 | 3908636.09 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167440.871480176390 | 167440.87 | 3908603.22 | FENCEGRD | 0.004 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167456.328282053908 | 167456.33 | 3908586.79 | FENCEGRD | 0.004 | 0.004 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167332.673867058390 | 167332.67 | 3908718.25 | FENCEGRD | 0.003 | 0.003 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167321.440230695390 | 167321.44 | 3908738.90 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167310.206594331390 | 167310.21 | 3908759.55 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167298.972957967390 | 167298.97 | 3908780.20 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167287.739321604390 | 167287.74 | 3908800.85 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167276.505685243908 | 167276.51 | 3908821.50 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167265.272048877390 | 167265.27 | 3908842.15 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167254.038412513390 | 167254.04 | 3908862.81 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167242.804776149390 | 167242.80 | 3908883.46 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167231.571139786390 | 167231.57 | 3908904.11 | FENCEGRD | 0.004 | 0.004 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167220.337503422390 | 167220.34 | 3908924.76 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167209.103867058390 | 167209.10 | 3908945.41 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167260.637926649390 | 167260.64 | 3908653.66 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167276.446019474390 | 167276.45 | 3908636.85 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167292.254112339086 | 167292.25 | 3908620.05 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167308.062205126390 | 167308.06 | 3908603.24 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167323.870297951390 | 167323.87 | 3908586.43 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167339.678390777390 | 167339.68 | 3908569.63 | FENCEGRD | 0.003 | 0.003 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167355.486483603390 | 167355.49 | 3908552.82 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167371.294576428390 | 167371.29 | 3908536.02 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167387.102669254390 | 167387.10 | 3908519.21 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167402.910762083908 | 167402.91 | 3908502.40 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167244.829833823390 | 167244.83 | 3908670.46 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167233.596197459390 | 167233.60 | 3908691.11 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167222.362561096390 | 167222.36 | 3908711.77 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167211.128924732390 | 167211.13 | 3908732.42 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167199.895288368390 | 167199.90 | 3908753.07 | FENCEGRD | 0.003 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167188.661652005390 | 167188.66 | 3908773.72 | FENCEGRD | 0.003 | 0.003 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167177.428015641390 | 167177.43 | 3908794.37 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167166.194379277390 | 167166.19 | 3908815.02 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167154.960742914390 | 167154.96 | 3908835.67 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167143.727106553908 | 167143.73 | 3908856.32 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167132.493470187390 | 167132.49 | 3908876.97 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167121.259833823390 | 167121.26 | 3908897.62 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167173.037094841390 | 167173.04 | 3908605.61 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167189.088389095390 | 167189.09 | 3908588.55 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167205.139683349390 | 167205.14 | 3908571.49 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167221.190977602390 | 167221.19 | 3908554.42 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167237.242271856390 | 167237.24 | 3908537.36 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167253.293566113908 | 167253.29 | 3908520.29 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167269.344860364390 | 167269.34 | 3908503.23 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167285.396154618390 | 167285.40 | 3908486.16 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167301.447448871390 | 167301.45 | 3908469.10 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167317.498743125390 | 167317.50 | 3908452.03 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167333.550037379390 | 167333.55 | 3908434.97 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167349.601331633390 | 167349.60 | 3908417.90 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000</ | | | | | |

16<30 Cancer Risk

| XY | X | Y | REC TYPE | 16<30 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167044.649436951390 | 167044.65 | 3908829.19 | FENCEGRD | 0.003 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167033.415800587390 | 167033.42 | 3908849.84 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167084.357056697390 | 167084.36 | 3908558.72 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167114.787635386390 | 167114.79 | 3908526.37 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167145.218214076390 | 167145.22 | 3908494.01 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167175.648792765390 | 167175.65 | 3908461.66 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167206.079371454390 | 167206.08 | 3908429.31 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167236.509950144390 | 167236.51 | 3908396.96 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167266.940528833390 | 167266.94 | 3908364.61 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167057.908130988390 | 167057.91 | 3908595.54 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167046.674494625390 | 167046.67 | 3908616.20 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167035.440858261390 | 167035.44 | 3908636.85 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167024.207221897390 | 167024.21 | 3908657.50 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167012.973585534390 | 167012.97 | 3908678.15 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167001.739949173908 | 167001.74 | 3908698.80 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166990.506312807390 | 166990.51 | 3908719.45 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166979.272676443390 | 166979.27 | 3908740.10 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166968.039040079390 | 166968.04 | 3908760.75 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166956.805403716390 | 166956.81 | 3908781.40 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166945.571767352390 | 166945.57 | 3908802.05 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167371.888474415390 | 167371.89 | 3909070.62 | FENCEGRD | 0.010 | 0.009 | 0.009 | 0.009 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167324.488572333390 | 167324.49 | 3909054.72 | FENCEGRD | 0.009 | 0.008 | 0.008 | 0.008 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167277.083364552390 | 167277.08 | 3909038.83 | FENCEGRD | 0.008 | 0.007 | 0.007 | 0.007 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167287.015632423390 | 167287.02 | 3909016.01 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167182.264672139090 | 167182.26 | 3909007.07 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.005 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167192.329370213908 | 167192.33 | 3908983.95 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167087.440283725390 | 167087.44 | 3908975.32 | FENCEGRD | 0.005 | 0.005 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167096.458830418390 | 167096.46 | 3908954.60 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167106.604695447390 | 167106.60 | 3908931.29 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166992.612970415390 | 166992.61 | 3908943.58 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167001.680266009390 | 167001.68 | 3908922.75 | FENCEGRD | 0.004 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167010.747561603390 | 167010.75 | 3908901.92 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167019.814857197390 | 167019.81 | 3908881.09 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166897.783956562390 | 166897.78 | 3908911.84 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166906.886396713390 | 166906.89 | 3908890.93 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166915.988836863390 | 166915.99 | 3908870.02 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166925.091277014390 | 166925.09 | 3908849.11 | FENCEGRD | 0.003 | 0.003 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166934.193717164390 | 166934.19 | 3908828.19 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167363.014395385390 | 167363.01 | 3909118.12 | FENCEGRD | 0.017 | 0.017 | 0.016 | 0.015 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167359.573909162.59 | 167359.57 | 3909162.59 | FENCEGRD | 0.028 | 0.027 | 0.025 | 0.024 | 0.000 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167359.573909185.91 | 167359.57 | 3909185.91 | FENCEGRD | 0.034 | 0.032 | 0.031 | 0.029 | 0.000 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167359.573909209.23 | 167359.57 | 3909209.24 | FENCEGRD | 0.039 | 0.037 | 0.036 | 0.034 | 0.000 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167359.573909232.55 | 167359.57 | 3909232.56 | FENCEGRD | 0.043 | 0.042 | 0.040 | 0.039 | 0.001 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167359.573909255.87 | 167359.57 | 3909255.88 | FENCEGRD | 0.046 | 0.045 | 0.044 | 0.042 | 0.001 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167312.799120674390 | 167312.80 | 3909119.44 | FENCEGRD | 0.017 | 0.016 | 0.015 | 0.015 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167319.257362021390 | 167319.26 | 3909079.78 | FENCEGRD | 0.011 | 0.011 | 0.010 | 0.010 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167309.573909162.59 | 167309.57 | 3909162.59 | FENCEGRD | 0.025 | 0.024 | 0.023 | 0.022 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167309.573909185.91 | 167309.57 | 3909185.91 | FENCEGRD | 0.030 | 0.028 | 0.027 | 0.026 | 0.000 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167309.573909209.23 | 167309.57 | 3909209.24 | FENCEGRD | 0.034 | 0.033 | 0.031 | 0.030 | 0.000 | 0.011 | 0.001 | 0.001 | 0.000 | 0.000 |
| 167309.573909232.55 | 167309.57 | 3909232.56 | FENCEGRD | 0.038 | 0.037 | 0.035 | 0.034 | 0.001 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167309.573909255.87 | 167309.57 | 3909255.88 | FENCEGRD | 0.041 | 0.040 | 0.038 | 0.037 | 0.001 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167309.573909279.2 | 167309.57 | 3909279.20 | FENCEGRD | 0.042 | 0.041 | 0.040 | 0.039 | 0.001 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167262.669955847390 | 167262.67 | 3909120.23 | FENCEGRD | 0.016 | 0.015 | 0.014 | 0.014 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167268.869867543909 | 167268.87 | 3909082.16 | FENCEGRD | 0.011 | 0.010 | 0.010 | 0.010 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167259.573909162.59 | 167259.57 | 3909162.59 | FENCEGRD | 0.022 | 0.021 | 0.020 | 0.019 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167259.573909185.91 | 167259.57 | 3909185.91 | FENCEGRD | 0.026 | 0.025 | 0.024 | 0.023 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167259.573909209.23 | 167259.57 | 3909209.24 | FENCEGRD | 0.029 | 0.028 | 0.027 | 0.026 | 0.000 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167259.573909232.55 | 167259.57 | 3909232.56 | FENCEGRD | 0.032 | 0.031 | 0.030 | 0.029 | 0.001 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167259.573909255.87 | 167259.57 | 3909255.88 | FENCEGRD | 0.035 | 0.034 | 0.032 | 0.031 | 0.001 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167259.573909279.2 | 167259.57 | 3909279.20 | FENCEGRD | 0.036 | 0.035 | 0.034 | 0.033 | 0.001 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167163.014395385390 | 167163.01 | 3909118.12 | FENCEGRD | 0.013 | 0.012 | 0.012 | 0.011 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167169.903186155390 | 167169.90 | 3909075.82 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.008 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167176.791976925390 | 167176.79 | 3909033.51 | FENCEGRD | 0.007 | 0.007 | 0.006 | 0.006 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167159.573909162.59 | 167159.57 | 3909162.59 | FENCEGRD | 0.017 | 0.017 | 0.016 | 0.015 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167159.573909185.91 | 167159.57 | 3909185.91 | FENCEGRD | 0.020 | 0.019 | 0.018 | 0.017 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167159.573909209.23 | 167159.57 | 3909209.24 | FENCEGRD | 0.022 | 0.021 | 0.020 | 0.019 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167159.573909232.55 | 167159.57 | 3909232.56 | FENCEGRD | 0.024 | 0.023 | 0.022 | 0.021 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167159.573909255.87 | 167159.57 | 3909255.88 | FENCEGRD | 0.025 | 0.025 | 0.024 | 0.023 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167159.573909279.2 | 167159.57 | 3909279.20 | FENCEGRD | 0.027 | 0.026 | 0.025 | 0.025 | 0.001 | 0.009 | 0.001 | 0.001 | 0.000 | 0.000 |
| 167063.260423627390 | 167063.26 | 3909116.61 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.009 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167066.950847254390 | 167066.95 | 3909093.95 | FENCEGRD | 0.009 | 0.009 | 0.008 | 0.008 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167070.641270881390 | 167070.64 | 3909071.28 | FENCEGRD | 0.008 | 0.008 | 0.007 | 0.007 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167074.331694508390 | 167074.33 | 3909048.62 | FENCEGRD | 0.007 | 0.007 | 0. | | | | | | | |

16<30 Cancer Risk

| | | | | 16<30 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 166969.903186155390 | 166969.90 | 3909075.82 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.006 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166976.791976925390 | 166976.79 | 3909033.51 | FENCEGRD | 0.006 | 0.006 | 0.005 | 0.005 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166983.680767696390 | 166983.68 | 3908991.21 | FENCEGRD | 0.005 | 0.005 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166959.573909162.59 | 166959.57 | 3909162.59 | FENCEGRD | 0.011 | 0.010 | 0.010 | 0.010 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166959.573909185.91 | 166959.57 | 3909185.91 | FENCEGRD | 0.012 | 0.012 | 0.011 | 0.011 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166959.573909209.23 | 166959.57 | 3909209.24 | FENCEGRD | 0.013 | 0.013 | 0.012 | 0.012 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166959.573909232.55 | 166959.57 | 3909232.56 | FENCEGRD | 0.014 | 0.014 | 0.013 | 0.013 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166959.573909255.87 | 166959.57 | 3909255.88 | FENCEGRD | 0.015 | 0.015 | 0.014 | 0.014 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166959.573909279.2 | 166959.57 | 3909279.20 | FENCEGRD | 0.016 | 0.015 | 0.015 | 0.015 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166863.186615154390 | 166863.19 | 3909117.06 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166866.803230309390 | 166866.80 | 3909094.85 | FENCEGRD | 0.007 | 0.006 | 0.006 | 0.006 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166874.036460617390 | 166874.04 | 3909050.43 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166877.653075772390 | 166877.65 | 3909028.22 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166881.269690926390 | 166881.27 | 3909006.02 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166884.886306083908 | 166884.89 | 3908983.81 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166888.502921235390 | 166888.50 | 3908961.60 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166859.573909139.27 | 166859.57 | 3909139.27 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.007 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166859.573909162.59 | 166859.57 | 3909162.59 | FENCEGRD | 0.009 | 0.009 | 0.008 | 0.008 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166859.573909185.91 | 166859.57 | 3909185.91 | FENCEGRD | 0.010 | 0.009 | 0.009 | 0.009 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166859.573909209.23 | 166859.57 | 3909209.24 | FENCEGRD | 0.011 | 0.010 | 0.010 | 0.010 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166859.573909232.55 | 166859.57 | 3909232.56 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166859.573909255.87 | 166859.57 | 3909255.88 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.011 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166859.573909279.2 | 166859.57 | 3909279.20 | FENCEGRD | 0.013 | 0.013 | 0.012 | 0.012 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167540.497012865390 | 167540.50 | 3909215.75 | | 0.023 | 0.023 | 0.024 | 0.025 | 0.001 | 0.015 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167541.642759649390 | 167541.64 | 3909179.96 | | 0.018 | 0.018 | 0.018 | 0.018 | 0.001 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167537.739545029390 | 167537.74 | 3909149.96 | | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.014 | 0.001 | 0.000 | 0.000 | 0.000 |
| 167536.333909120.68 | 167536.33 | 3909120.68 | | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167536.333909106.64 | 167536.33 | 3909106.64 | | 0.004 | 0.004 | 0.005 | 0.005 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167534.583909076.82 | 167534.58 | 3909076.82 | | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167559.143909104.89 | 167559.14 | 3909104.89 | | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167557.393909075.06 | 167557.39 | 3909075.06 | | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167589.843909052.25 | 167589.84 | 3909052.25 | | 0.006 | 0.005 | 0.005 | 0.004 | 0.001 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167615.283909003.13 | 167615.28 | 3909003.13 | | 0.019 | 0.016 | 0.012 | 0.011 | 0.001 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167542.473909053.13 | 167542.47 | 3909053.13 | | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167566.163909006.64 | 167566.16 | 3909006.64 | | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167539.753909198.46 | 167539.75 | 3909198.46 | | 0.021 | 0.021 | 0.022 | 0.022 | 0.001 | 0.014 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167537.083909134.72 | 167537.08 | 3909134.72 | | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167535.553909092.74 | 167535.55 | 3909092.74 | | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167558.453909089.69 | 167558.45 | 3909089.69 | | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167553.493909032.06 | 167553.49 | 3909032.06 | | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167601.963909028.24 | 167601.96 | 3909028.24 | | 0.012 | 0.009 | 0.007 | 0.006 | 0.001 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 |

Project Cancer Risk Summary

Project Cancer Risk

| XY | X | Y | REC TYPE | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167603.820034585390 | 167603.82 | 3909302.48 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.052 | 0.054 | 0.056 | 0.059 | 0.013 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167615.268534585390 | 167615.27 | 3909280.72 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.050 | 0.051 | 0.053 | 0.054 | 0.015 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167626.717034585390 | 167626.72 | 3909258.96 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.046 | 0.047 | 0.048 | 0.048 | 0.017 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167638.165534585390 | 167638.17 | 3909237.19 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.039 | 0.040 | 0.041 | 0.041 | 0.018 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167649.614034585390 | 167649.61 | 3909215.43 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.031 | 0.031 | 0.032 | 0.032 | 0.019 | 0.019 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167661.062534585390 | 167661.06 | 3909193.67 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.030 | 0.028 | 0.027 | 0.027 | 0.018 | 0.021 | 0.002 | 0.002 | 0.003 | 0.003 |
| 167672.511034585390 | 167672.51 | 3909171.91 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.030 | 0.028 | 0.025 | 0.023 | 0.017 | 0.025 | 0.003 | 0.003 | 0.004 | 0.004 |
| 167683.959534585390 | 167683.96 | 3909150.15 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.034 | 0.031 | 0.028 | 0.025 | 0.016 | 0.029 | 0.004 | 0.004 | 0.005 | 0.005 |
| 167695.408034585390 | 167695.41 | 3909128.39 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.048 | 0.048 | 0.051 | 0.057 | 0.015 | 0.032 | 0.005 | 0.005 | 0.006 | 0.006 |
| 167706.856534585390 | 167706.86 | 3909106.63 | FENCEGRD | 0.004 | 0.004 | 0.005 | 0.006 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.109 | 0.128 | 0.157 | 0.196 | 0.013 | 0.035 | 0.006 | 0.006 | 0.006 | 0.007 |
| 167718.305034585390 | 167718.31 | 3909084.86 | FENCEGRD | 0.007 | 0.008 | 0.009 | 0.011 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.204 | 0.240 | 0.285 | 0.328 | 0.013 | 0.038 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167729.753534585390 | 167729.75 | 3909063.10 | FENCEGRD | 0.010 | 0.011 | 0.012 | 0.013 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.295 | 0.330 | 0.365 | 0.392 | 0.012 | 0.041 | 0.006 | 0.006 | 0.006 | 0.006 |
| 167741.202034585390 | 167741.20 | 3909041.34 | FENCEGRD | 0.012 | 0.012 | 0.013 | 0.013 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.348 | 0.370 | 0.391 | 0.404 | 0.011 | 0.043 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167752.650534585390 | 167752.65 | 3909019.58 | FENCEGRD | 0.012 | 0.012 | 0.013 | 0.013 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.364 | 0.376 | 0.385 | 0.388 | 0.011 | 0.046 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167764.099034585390 | 167764.10 | 3908997.82 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.012 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.355 | 0.361 | 0.363 | 0.361 | 0.010 | 0.049 | 0.005 | 0.005 | 0.005 | 0.005 |
| 167775.547534585390 | 167775.55 | 3908976.06 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.331 | 0.333 | 0.332 | 0.328 | 0.009 | 0.051 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167786.996034585390 | 167787.00 | 3908954.30 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.304 | 0.302 | 0.299 | 0.294 | 0.009 | 0.053 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167798.444534585390 | 167798.44 | 3908932.53 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.274 | 0.270 | 0.265 | 0.260 | 0.008 | 0.055 | 0.004 | 0.004 | 0.004 | 0.003 |
| 167809.893034585390 | 167809.89 | 3908910.77 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.247 | 0.243 | 0.237 | 0.232 | 0.008 | 0.057 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167821.341534585390 | 167821.34 | 3908889.01 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.221 | 0.216 | 0.211 | 0.206 | 0.007 | 0.061 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167832.790034585390 | 167832.79 | 3908867.25 | FENCEGRD | 0.007 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.199 | 0.195 | 0.190 | 0.185 | 0.007 | 0.065 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167583.765368876390 | 167583.77 | 3909333.07 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.055 | 0.057 | 0.061 | 0.065 | 0.009 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167625.945051877390 | 167625.95 | 3909314.12 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.054 | 0.056 | 0.057 | 0.058 | 0.009 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167637.393551877390 | 167637.39 | 3909292.36 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.051 | 0.054 | 0.056 | 0.057 | 0.011 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167648.842051877390 | 167648.84 | 3909270.60 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.046 | 0.049 | 0.052 | 0.054 | 0.013 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167660.290551877390 | 167660.29 | 3909248.83 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.040 | 0.041 | 0.043 | 0.045 | 0.014 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167671.739051877390 | 167671.74 | 3909227.07 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.042 | 0.041 | 0.040 | 0.040 | 0.015 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167683.187551877390 | 167683.19 | 3909205.31 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.051 | 0.049 | 0.046 | 0.043 | 0.016 | 0.017 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167694.636051877390 | 167694.64 | 3909183.55 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.055 | 0.054 | 0.052 | 0.050 | 0.016 | 0.020 | 0.002 | 0.002 | 0.002 | 0.003 |
| 167706.084551877390 | 167706.08 | 3909161.79 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.057 | 0.056 | 0.054 | 0.051 | 0.016 | 0.022 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167717.533051877390 | 167717.53 | 3909140.03 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.065 | 0.066 | 0.066 | 0.066 | | | | | | |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 167603.820034585390 | 167603.82 | 3909302.48 | FENCEGRD | 0.093 | 0.096 | 0.100 | 0.104 | 0.023 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 | 0.015 | 0.016 | 0.017 | 0.017 | 0.004 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.79 |
| 167615.268534585390 | 167615.27 | 3909280.72 | FENCEGRD | 0.089 | 0.091 | 0.094 | 0.096 | 0.027 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 | 0.015 | 0.015 | 0.016 | 0.016 | 0.004 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.76 |
| 167626.717034585390 | 167626.72 | 3909258.96 | FENCEGRD | 0.082 | 0.084 | 0.085 | 0.085 | 0.030 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 | 0.014 | 0.014 | 0.014 | 0.014 | 0.005 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.71 |
| 167638.165534585390 | 167638.17 | 3909237.19 | FENCEGRD | 0.069 | 0.071 | 0.072 | 0.073 | 0.032 | 0.030 | 0.002 | 0.002 | 0.003 | 0.003 | 0.011 | 0.012 | 0.012 | 0.012 | 0.005 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.62 |
| 167649.614034585390 | 167649.61 | 3909215.43 | FENCEGRD | 0.055 | 0.055 | 0.056 | 0.057 | 0.033 | 0.033 | 0.003 | 0.003 | 0.003 | 0.003 | 0.009 | 0.009 | 0.009 | 0.010 | 0.006 | 0.006 | 0.000 | 0.001 | 0.001 | 0.001 | 0.53 |
| 167661.062534585390 | 167661.06 | 3909193.67 | FENCEGRD | 0.053 | 0.050 | 0.048 | 0.047 | 0.032 | 0.038 | 0.004 | 0.004 | 0.005 | 0.005 | 0.009 | 0.008 | 0.008 | 0.008 | 0.005 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 | 0.50 |
| 167672.511034585390 | 167672.51 | 3909171.91 | FENCEGRD | 0.054 | 0.049 | 0.044 | 0.041 | 0.031 | 0.044 | 0.006 | 0.006 | 0.006 | 0.007 | 0.009 | 0.008 | 0.007 | 0.007 | 0.005 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 0.50 |
| 167683.959534585390 | 167683.96 | 3909150.15 | FENCEGRD | 0.060 | 0.055 | 0.049 | 0.045 | 0.028 | 0.051 | 0.007 | 0.008 | 0.009 | 0.009 | 0.010 | 0.009 | 0.008 | 0.008 | 0.005 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 0.56 |
| 167695.408034585390 | 167695.41 | 3909128.39 | FENCEGRD | 0.084 | 0.086 | 0.089 | 0.101 | 0.026 | 0.057 | 0.009 | 0.010 | 0.010 | 0.011 | 0.014 | 0.014 | 0.015 | 0.017 | 0.004 | 0.009 | 0.001 | 0.002 | 0.002 | 0.002 | 0.84 |
| 167706.856534585390 | 167706.86 | 3909106.63 | FENCEGRD | 0.193 | 0.227 | 0.278 | 0.347 | 0.024 | 0.062 | 0.010 | 0.010 | 0.011 | 0.012 | 0.032 | 0.038 | 0.046 | 0.058 | 0.004 | 0.010 | 0.002 | 0.002 | 0.002 | 0.002 | 2.05 |
| 167718.305034585390 | 167718.31 | 3909084.86 | FENCEGRD | 0.361 | 0.425 | 0.505 | 0.581 | 0.023 | 0.067 | 0.010 | 0.011 | 0.011 | 0.011 | 0.060 | 0.071 | 0.084 | 0.097 | 0.004 | 0.011 | 0.002 | 0.002 | 0.002 | 0.002 | 3.51 |
| 167729.753534585390 | 167729.75 | 3909063.10 | FENCEGRD | 0.523 | 0.584 | 0.647 | 0.694 | 0.021 | 0.072 | 0.010 | 0.010 | 0.010 | 0.011 | 0.087 | 0.097 | 0.108 | 0.116 | 0.004 | 0.012 | 0.002 | 0.002 | 0.002 | 0.002 | 4.52 |
| 167741.202034585390 | 167741.20 | 3909041.34 | FENCEGRD | 0.616 | 0.656 | 0.693 | 0.715 | 0.020 | 0.077 | 0.010 | 0.010 | 0.010 | 0.010 | 0.103 | 0.109 | 0.116 | 0.119 | 0.003 | 0.013 | 0.002 | 0.002 | 0.002 | 0.002 | 4.93 |
| 167752.650534585390 | 167752.65 | 3909019.58 | FENCEGRD | 0.645 | 0.666 | 0.682 | 0.688 | 0.019 | 0.082 | 0.009 | 0.009 | 0.009 | 0.009 | 0.108 | 0.111 | 0.114 | 0.115 | 0.003 | 0.014 | 0.002 | 0.001 | 0.001 | 0.001 | 4.93 |
| 167764.099034585390 | 167764.10 | 3908997.82 | FENCEGRD | 0.629 | 0.639 | 0.643 | 0.639 | 0.018 | 0.086 | 0.008 | 0.008 | 0.008 | 0.008 | 0.105 | 0.107 | 0.107 | 0.107 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 4.70 |
| 167775.547534585390 | 167775.55 | 3908976.06 | FENCEGRD | 0.587 | 0.589 | 0.587 | 0.581 | 0.017 | 0.090 | 0.008 | 0.008 | 0.008 | 0.007 | 0.098 | 0.098 | 0.098 | 0.097 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 4.34 |
| 167786.996034585390 | 167787.00 | 3908954.30 | FENCEGRD | 0.539 | 0.535 | 0.529 | 0.521 | 0.016 | 0.094 | 0.007 | 0.007 | 0.007 | 0.007 | 0.090 | 0.089 | 0.088 | 0.087 | 0.003 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 3.96 |
| 167798.444534585390 | 167798.44 | 3908932.53 | FENCEGRD | 0.486 | 0.479 | 0.470 | 0.460 | 0.014 | 0.097 | 0.006 | 0.006 | 0.006 | 0.006 | 0.081 | 0.080 | 0.078 | 0.077 | 0.002 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 3.56 |
| 167809.893034585390 | 167809.89 | 3908910.77 | FENCEGRD | 0.438 | 0.430 | 0.421 | 0.411 | 0.013 | 0.101 | 0.006 | 0.006 | 0.006 | 0.006 | 0.073 | 0.072 | 0.070 | 0.069 | 0.002 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 | 3.22 |
| 167821.341534585390 | 167821.34 | 3908889.01 | FENCEGRD | 0.392 | 0.383 | 0.374 | 0.364 | 0.012 | 0.107 | 0.005 | 0.005 | 0.005 | 0.005 | 0.065 | 0.064 | 0.062 | 0.061 | 0.002 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 | 2.90 |
| 167832.790034585390 | 167832.79 | 3908867.25 | FENCEGRD | 0.353 | 0.345 | 0.336 | 0.328 | 0.012 | 0.115 | 0.005 | 0.005 | 0.005 | 0.005 | 0.059 | 0.058 | 0.056 | 0.055 | 0.002 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 | 2.64 |
| 167583.765368876390 | 167583.77 | 3909333.07 | FENCEGRD | 0.097 | 0.101 | 0.108 | 0.115 | 0.016 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 | 0.016 | 0.017 | 0.018 | 0.019 | 0.003 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.83 |
| 167625.945051877390 | 167625.95 | 3909314.12 | FENCEGRD | 0.095 | 0.099 | 0.101 | 0.103 | 0.015 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 | 0.016 | 0.016 | 0.017 | 0.017 | 0.003 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.78 |
| 167637.393551877390 | 167637.39 | 3909292.36 | FENCEGRD | 0.090 | 0.095 | 0.099 | 0.102 | 0.019 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 | 0.015 | 0.016 | 0.017 | 0.017 | 0.003 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.77 |
| 167648.842051877390 | 167648.84 | 3909270.60 | FENCEGRD | 0.082 | 0.087 | 0.093 | 0.097 | 0.022 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 | 0.014 | 0.015 | 0.015 | 0.016 | 0.004 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.72 |
| 167660.290551877390 | 167660.29 | 3909248.83 | FENCEGRD | 0.071 | 0.073 | 0.077 | 0.080 | 0.025 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 | 0.012 | 0.012 | 0.013 | 0.013 | 0.004 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.63 |
| 167671.739051877390 | 167671.74 | 3909227.07 | FENCEGRD | 0.074 | 0.072 | 0.071 | 0.070 | 0.027 | 0.028 | 0.002 | 0.002 | 0.002 | 0.003 | 0.012 | 0.012 | 0.012 | 0.012 | 0.005 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.62 |
| 167683.187551877390 | 167683.19 | 3909205.31 | FENCEGRD | 0.090 | 0.087 | 0.082 | 0.077 | 0.029 | 0.031 | 0.003 | 0.003 | 0.003 | 0.003 | 0.015 | 0.015 | 0.014 | 0.013 | 0.005 | 0.005 | 0.000 | 0.001 | 0.001 | 0.001 | 0.72 |
| 167694.636051877390 | 167694.64 | 3909183.55 | FENCEGRD | 0.097 | 0.096 | 0.093 | 0.088 | 0.029 | 0.035 | 0.004 | 0.004 | 0.004 | 0.005 | 0.016 | 0.016 | 0.015 | 0.015 | 0.005 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 | 0.80 |
| 167706.084551877390 | 167706.08 | 390 | | | | | | | | | | | | | | | | | | | | | | |

Project Cancer Risk

| XY | X | Y | REC TYPE | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167565.781054749390 | 167565.78 | 3909405.88 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.048 | 0.050 | 0.053 | 0.056 | 0.004 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167544.691213248390 | 167544.69 | 3909415.35 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.054 | 0.057 | 0.061 | 0.065 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167692.320103755390 | 167692.32 | 3909349.04 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.024 | 0.026 | 0.029 | 0.031 | 0.005 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167703.768603755390 | 167703.77 | 3909327.28 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.027 | 0.028 | 0.031 | 0.033 | 0.005 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167715.217103755390 | 167715.22 | 3909305.52 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.032 | 0.033 | 0.034 | 0.036 | 0.006 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167726.665603755390 | 167726.67 | 3909283.75 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.040 | 0.041 | 0.042 | 0.043 | 0.007 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167738.114103755390 | 167738.11 | 3909261.99 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.047 | 0.049 | 0.051 | 0.053 | 0.008 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167749.562603755390 | 167749.56 | 3909240.23 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.050 | 0.052 | 0.054 | 0.056 | 0.009 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167761.011103755390 | 167761.01 | 3909218.47 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.052 | 0.054 | 0.056 | 0.058 | 0.010 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167772.459603755390 | 167772.46 | 3909196.71 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.054 | 0.056 | 0.058 | 0.060 | 0.011 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167783.908103755390 | 167783.91 | 3909174.95 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.057 | 0.060 | 0.062 | 0.064 | 0.011 | 0.015 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167795.356603755390 | 167795.36 | 3909153.18 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.061 | 0.063 | 0.066 | 0.069 | 0.012 | 0.016 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167806.805103755390 | 167806.81 | 3909131.42 | FENCEGRD | 0.002 | 0.002 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.070 | 0.074 | 0.079 | 0.084 | 0.012 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167818.253603755390 | 167818.25 | 3909109.66 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.086 | 0.093 | 0.101 | 0.109 | 0.012 | 0.020 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167829.702103755390 | 167829.70 | 3909087.90 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.107 | 0.116 | 0.127 | 0.138 | 0.012 | 0.021 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167841.150603755390 | 167841.15 | 3909066.14 | FENCEGRD | 0.004 | 0.005 | 0.005 | 0.006 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.131 | 0.143 | 0.157 | 0.171 | 0.011 | 0.024 | 0.003 | 0.003 | 0.003 | 0.004 |
| 167852.599103755390 | 167852.60 | 3909044.38 | FENCEGRD | 0.005 | 0.006 | 0.006 | 0.007 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.156 | 0.170 | 0.186 | 0.202 | 0.011 | 0.026 | 0.003 | 0.004 | 0.004 | 0.004 |
| 167864.047603755390 | 167864.05 | 3909022.62 | FENCEGRD | 0.006 | 0.006 | 0.007 | 0.007 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.174 | 0.189 | 0.207 | 0.222 | 0.011 | 0.030 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167875.496103755390 | 167875.50 | 3909000.85 | FENCEGRD | 0.005 | 0.006 | 0.006 | 0.007 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.165 | 0.179 | 0.195 | 0.209 | 0.010 | 0.034 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167886.944603755390 | 167886.94 | 3908979.09 | FENCEGRD | 0.004 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.127 | 0.137 | 0.149 | 0.159 | 0.010 | 0.037 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167898.393103755390 | 167898.39 | 3908957.33 | FENCEGRD | 0.004 | 0.004 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.127 | 0.136 | 0.144 | 0.009 | 0.039 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167909.841603755390 | 167909.84 | 3908935.57 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.126 | 0.134 | 0.140 | 0.009 | 0.041 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167921.290103755390 | 167921.29 | 3908913.81 | FENCEGRD | 0.004 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.133 | 0.139 | 0.146 | 0.152 | 0.008 | 0.043 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167716.119382945390 | 167716.12 | 3909381.50 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.009 | 0.009 | 0.010 | 0.011 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167675.217872155390 | 167675.22 | 3909399.88 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.020 | 0.022 | 0.024 | 0.026 | 0.004 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167634.316361365390 | 167634.32 | 3909418.25 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.038 | 0.040 | 0.041 | 0.043 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167593.414850576390 | 167593.41 | 3909436.62 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.040 | 0.041 | 0.043 | 0.044 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167552.513339786390 | 167552.51 | 3909454.99 | FENCEGRD | 0.001 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.044 | 0.046 | 0.048 | 0.051 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167387.213968908390 | 167387.21 | 3909314.50 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.147 | 0.148 | 0.149 | 0.150 | 0.007 | 0.038 | 0.004 | 0.004 | 0.004 | 0.004 |
| 167373.391984454390 | 167373.39 | 3909296.85 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.157 | 0.157 | 0.156 | 0.154 | 0.005 | 0.041 | 0.004 | 0.003 | 0.003 | 0.003 |
| 167748.018638343909 | 167748.02 | 3909350.56 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.010 | 0.011 | 0.011 | 0.0 | | | | | | |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 167565.781054749390 | 167565.78 | 3909405.88 | FENCEGRD | 0.086 | 0.089 | 0.094 | 0.100 | 0.007 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 | 0.014 | 0.015 | 0.016 | 0.017 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.71 |
| 167544.691213248390 | 167544.69 | 3909415.35 | FENCEGRD | 0.096 | 0.101 | 0.108 | 0.115 | 0.008 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 | 0.016 | 0.017 | 0.018 | 0.019 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.81 |
| 167692.320103755390 | 167692.32 | 3909349.04 | FENCEGRD | 0.042 | 0.046 | 0.051 | 0.055 | 0.008 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.008 | 0.008 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.40 |
| 167703.768603755390 | 167703.77 | 3909327.28 | FENCEGRD | 0.047 | 0.050 | 0.054 | 0.058 | 0.009 | 0.020 | 0.001 | 0.001 | 0.002 | 0.002 | 0.008 | 0.008 | 0.009 | 0.010 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.43 |
| 167715.217103755390 | 167715.22 | 3909305.52 | FENCEGRD | 0.056 | 0.058 | 0.061 | 0.064 | 0.011 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 | 0.009 | 0.010 | 0.010 | 0.011 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.48 |
| 167726.665603755390 | 167726.67 | 3909283.75 | FENCEGRD | 0.071 | 0.073 | 0.075 | 0.077 | 0.012 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 | 0.012 | 0.012 | 0.013 | 0.013 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.59 |
| 167738.114103755390 | 167738.11 | 3909261.99 | FENCEGRD | 0.084 | 0.087 | 0.091 | 0.094 | 0.014 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 | 0.014 | 0.015 | 0.015 | 0.016 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.70 |
| 167749.562603755390 | 167749.56 | 3909240.23 | FENCEGRD | 0.088 | 0.092 | 0.096 | 0.099 | 0.016 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 | 0.015 | 0.015 | 0.016 | 0.017 | 0.003 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.74 |
| 167761.011103755390 | 167761.01 | 3909218.47 | FENCEGRD | 0.092 | 0.095 | 0.099 | 0.102 | 0.018 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 | 0.015 | 0.016 | 0.017 | 0.017 | 0.003 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.77 |
| 167772.459603755390 | 167772.46 | 3909196.71 | FENCEGRD | 0.096 | 0.100 | 0.104 | 0.107 | 0.019 | 0.025 | 0.002 | 0.002 | 0.003 | 0.003 | 0.016 | 0.017 | 0.017 | 0.018 | 0.003 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.81 |
| 167783.908103755390 | 167783.91 | 3909174.95 | FENCEGRD | 0.102 | 0.106 | 0.110 | 0.113 | 0.020 | 0.027 | 0.003 | 0.003 | 0.003 | 0.003 | 0.017 | 0.018 | 0.018 | 0.019 | 0.003 | 0.004 | 0.000 | 0.000 | 0.001 | 0.001 | 0.86 |
| 167795.356603755390 | 167795.36 | 3909153.18 | FENCEGRD | 0.108 | 0.112 | 0.117 | 0.122 | 0.021 | 0.029 | 0.003 | 0.003 | 0.004 | 0.004 | 0.018 | 0.019 | 0.020 | 0.020 | 0.003 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.92 |
| 167806.805103755390 | 167806.81 | 3909131.42 | FENCEGRD | 0.124 | 0.131 | 0.140 | 0.149 | 0.021 | 0.032 | 0.004 | 0.004 | 0.004 | 0.004 | 0.021 | 0.022 | 0.023 | 0.025 | 0.004 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 1.07 |
| 167818.253603755390 | 167818.25 | 3909109.66 | FENCEGRD | 0.153 | 0.165 | 0.178 | 0.192 | 0.021 | 0.035 | 0.004 | 0.005 | 0.005 | 0.005 | 0.025 | 0.027 | 0.030 | 0.032 | 0.004 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 | 1.33 |
| 167829.702103755390 | 167829.70 | 3909087.90 | FENCEGRD | 0.190 | 0.206 | 0.225 | 0.245 | 0.021 | 0.038 | 0.005 | 0.005 | 0.005 | 0.006 | 0.032 | 0.034 | 0.038 | 0.041 | 0.003 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 | 1.66 |
| 167841.150603755390 | 167841.15 | 3909066.14 | FENCEGRD | 0.233 | 0.253 | 0.278 | 0.303 | 0.020 | 0.042 | 0.006 | 0.006 | 0.006 | 0.006 | 0.039 | 0.042 | 0.046 | 0.051 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 2.02 |
| 167852.599103755390 | 167852.60 | 3909044.38 | FENCEGRD | 0.276 | 0.300 | 0.330 | 0.357 | 0.020 | 0.047 | 0.006 | 0.006 | 0.006 | 0.007 | 0.046 | 0.050 | 0.055 | 0.060 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 2.37 |
| 167864.047603755390 | 167864.05 | 3909022.62 | FENCEGRD | 0.308 | 0.335 | 0.367 | 0.394 | 0.019 | 0.053 | 0.007 | 0.007 | 0.007 | 0.007 | 0.051 | 0.056 | 0.061 | 0.066 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 2.63 |
| 167875.496103755390 | 167875.50 | 3909000.85 | FENCEGRD | 0.292 | 0.317 | 0.346 | 0.371 | 0.018 | 0.061 | 0.007 | 0.007 | 0.007 | 0.007 | 0.049 | 0.053 | 0.058 | 0.062 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 | 2.51 |
| 167886.944603755390 | 167886.94 | 3908979.09 | FENCEGRD | 0.225 | 0.243 | 0.264 | 0.282 | 0.017 | 0.066 | 0.007 | 0.007 | 0.007 | 0.007 | 0.038 | 0.040 | 0.044 | 0.047 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 | 1.97 |
| 167898.393103755390 | 167898.39 | 3908957.33 | FENCEGRD | 0.211 | 0.225 | 0.241 | 0.256 | 0.016 | 0.069 | 0.007 | 0.007 | 0.007 | 0.007 | 0.035 | 0.037 | 0.040 | 0.043 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 | 1.83 |
| 167909.841603755390 | 167909.84 | 3908935.57 | FENCEGRD | 0.211 | 0.223 | 0.237 | 0.249 | 0.015 | 0.072 | 0.006 | 0.007 | 0.007 | 0.007 | 0.035 | 0.037 | 0.040 | 0.041 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 | 1.81 |
| 167921.290103755390 | 167921.29 | 3908913.81 | FENCEGRD | 0.236 | 0.247 | 0.259 | 0.269 | 0.014 | 0.077 | 0.006 | 0.006 | 0.006 | 0.006 | 0.039 | 0.041 | 0.043 | 0.045 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 1.97 |
| 167716.119382945390 | 167716.12 | 3909381.50 | FENCEGRD | 0.016 | 0.017 | 0.018 | 0.020 | 0.006 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.003 | 0.003 | 0.003 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.17 |
| 167675.217872155390 | 167675.22 | 3909399.88 | FENCEGRD | 0.036 | 0.039 | 0.043 | 0.046 | 0.006 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.007 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.33 |
| 167634.316361365390 | 167634.32 | 3909418.25 | FENCEGRD | 0.068 | 0.070 | 0.073 | 0.076 | 0.005 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 | 0.011 | 0.012 | 0.012 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.55 |
| 167593.414850576390 | 167593.41 | 3909436.62 | FENCEGRD | 0.072 | 0.073 | 0.075 | 0.078 | 0.005 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 | 0.012 | 0.012 | 0.013 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.58 |
| 167552.513339786390 | 167552.51 | 3909454.99 | FENCEGRD | 0.078 | 0.081 | 0.085 | 0.089 | 0.006 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 | 0.013 | 0.014 | 0.014 | 0.015 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.65 |
| 167387.213968908390 | 167387.21 | 3909314.50 | FENCEGRD | 0.260 | 0.263 | 0.265 | 0.265 | 0.012 | 0.068 | 0.006 | 0.006 | 0.006 | 0.006 | 0.043 | 0.044 | 0.044 | 0.044 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 | 2.03 |
| 167373.391984454390 | 167373.39 | 390 | | | | | | | | | | | | | | | | | | | | | | |

Project Cancer Risk

| XY | X | Y | REC TYPE | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167803.717172925390 | 167803.72 | 3909352.07 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.005 | 0.005 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167815.165672925390 | 167815.17 | 3909330.31 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.006 | 0.006 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167826.614172925390 | 167826.61 | 3909308.55 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.007 | 0.007 | 0.007 | 0.008 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167838.062672925390 | 167838.06 | 3909286.79 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.011 | 0.012 | 0.012 | 0.013 | 0.004 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167849.511172925390 | 167849.51 | 3909265.03 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.018 | 0.019 | 0.020 | 0.021 | 0.005 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167860.959672925390 | 167860.96 | 3909243.27 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.021 | 0.022 | 0.024 | 0.025 | 0.005 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167872.408172925390 | 167872.41 | 3909221.51 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.021 | 0.022 | 0.023 | 0.025 | 0.006 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167883.856672925390 | 167883.86 | 3909199.74 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.022 | 0.023 | 0.025 | 0.026 | 0.006 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167895.305172925390 | 167895.31 | 3909177.98 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.025 | 0.027 | 0.028 | 0.030 | 0.007 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167906.753672925390 | 167906.75 | 3909156.22 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.031 | 0.033 | 0.036 | 0.038 | 0.007 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167918.202172925390 | 167918.20 | 3909134.46 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.039 | 0.041 | 0.045 | 0.048 | 0.008 | 0.014 | 0.001 | 0.001 | 0.002 | 0.002 |
| 167929.650672925390 | 167929.65 | 3909112.70 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.047 | 0.050 | 0.055 | 0.059 | 0.008 | 0.015 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167941.099172925390 | 167941.10 | 3909090.94 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.057 | 0.061 | 0.066 | 0.071 | 0.008 | 0.016 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167952.547672925390 | 167952.55 | 3909069.17 | FENCEGRD | 0.002 | 0.002 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.066 | 0.071 | 0.076 | 0.081 | 0.008 | 0.017 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167963.996172925390 | 167964.00 | 3909047.41 | FENCEGRD | 0.002 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.074 | 0.079 | 0.085 | 0.091 | 0.008 | 0.019 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167975.444672925390 | 167975.44 | 3909025.65 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.082 | 0.087 | 0.094 | 0.100 | 0.008 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167986.893172925390 | 167986.89 | 3909003.89 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.090 | 0.097 | 0.104 | 0.111 | 0.008 | 0.021 | 0.002 | 0.002 | 0.002 | 0.003 |
| 167998.341672925390 | 167998.34 | 3908982.13 | FENCEGRD | 0.003 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.101 | 0.107 | 0.115 | 0.122 | 0.008 | 0.023 | 0.002 | 0.002 | 0.003 | 0.003 |
| 168009.790172925390 | 168009.79 | 3908960.37 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.111 | 0.117 | 0.124 | 0.131 | 0.008 | 0.024 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167803.980366009390 | 167803.98 | 3909428.35 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167782.890524508390 | 167782.89 | 3909437.82 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167761.800683007390 | 167761.80 | 3909447.30 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167740.710841506390 | 167740.71 | 3909456.77 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167719.621000005390 | 167719.62 | 3909466.24 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.009 | 0.009 | 0.010 | 0.011 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167698.531158504390 | 167698.53 | 3909475.72 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.016 | 0.017 | 0.018 | 0.019 | 0.002 | 0.008 | 0.000 | 0.000 | 0.000 | 0.001 |
| 167677.441317003390 | 167677.44 | 3909485.19 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.023 | 0.024 | 0.026 | 0.027 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167656.351475502390 | 167656.35 | 3909494.66 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.027 | 0.029 | 0.030 | 0.031 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167635.261634001390 | 167635.26 | 3909504.14 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.030 | 0.031 | 0.032 | 0.033 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167614.171792539095 | 167614.17 | 3909513.61 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.031 | 0.032 | 0.033 | 0.033 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167593.081950999390 | 167593.08 | 3909523.08 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.032 | 0.032 | 0.033 | 0.034 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167571.992109498390 | 167571.99 | 3909532.55 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.033 | 0.033 | 0.035 | 0.036 | | | | | | |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 167803.717172925390 | 167803.72 | 3909352.07 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.09 |
| 167815.165672925390 | 167815.17 | 3909330.31 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.004 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.10 |
| 167826.614172925390 | 167826.61 | 3909308.55 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.014 | 0.006 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.13 |
| 167838.062672925390 | 167838.06 | 3909286.79 | FENCEGRD | 0.020 | 0.021 | 0.022 | 0.023 | 0.007 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.003 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.20 |
| 167849.511172925390 | 167849.51 | 3909265.03 | FENCEGRD | 0.032 | 0.033 | 0.035 | 0.037 | 0.008 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.006 | 0.006 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.29 |
| 167860.959672925390 | 167860.96 | 3909243.27 | FENCEGRD | 0.037 | 0.039 | 0.042 | 0.044 | 0.009 | 0.017 | 0.001 | 0.002 | 0.002 | 0.002 | 0.006 | 0.007 | 0.007 | 0.007 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.34 |
| 167872.408172925390 | 167872.41 | 3909221.51 | FENCEGRD | 0.037 | 0.039 | 0.041 | 0.043 | 0.010 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 | 0.006 | 0.006 | 0.007 | 0.007 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.34 |
| 167883.856672925390 | 167883.86 | 3909199.74 | FENCEGRD | 0.039 | 0.041 | 0.044 | 0.046 | 0.011 | 0.019 | 0.002 | 0.002 | 0.002 | 0.002 | 0.006 | 0.007 | 0.007 | 0.008 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.36 |
| 167895.305172925390 | 167895.31 | 3909177.98 | FENCEGRD | 0.045 | 0.047 | 0.050 | 0.054 | 0.012 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 | 0.007 | 0.008 | 0.008 | 0.009 | 0.002 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.41 |
| 167906.753672925390 | 167906.75 | 3909156.22 | FENCEGRD | 0.055 | 0.058 | 0.063 | 0.067 | 0.013 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 | 0.009 | 0.010 | 0.010 | 0.011 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.51 |
| 167918.202172925390 | 167918.20 | 3909134.46 | FENCEGRD | 0.069 | 0.073 | 0.079 | 0.085 | 0.014 | 0.024 | 0.003 | 0.003 | 0.003 | 0.003 | 0.011 | 0.012 | 0.013 | 0.014 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.62 |
| 167929.650672925390 | 167929.65 | 3909112.70 | FENCEGRD | 0.083 | 0.089 | 0.097 | 0.104 | 0.014 | 0.026 | 0.003 | 0.003 | 0.003 | 0.003 | 0.014 | 0.015 | 0.016 | 0.017 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.001 | 0.75 |
| 167941.099172925390 | 167941.10 | 3909090.94 | FENCEGRD | 0.101 | 0.109 | 0.118 | 0.126 | 0.015 | 0.028 | 0.003 | 0.003 | 0.003 | 0.003 | 0.017 | 0.018 | 0.020 | 0.021 | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.89 |
| 167952.547672925390 | 167952.55 | 3909069.17 | FENCEGRD | 0.118 | 0.125 | 0.135 | 0.144 | 0.015 | 0.030 | 0.003 | 0.003 | 0.004 | 0.004 | 0.020 | 0.021 | 0.023 | 0.024 | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 1.02 |
| 167963.996172925390 | 167964.00 | 3909047.41 | FENCEGRD | 0.132 | 0.140 | 0.151 | 0.161 | 0.015 | 0.033 | 0.004 | 0.004 | 0.004 | 0.004 | 0.022 | 0.023 | 0.025 | 0.027 | 0.003 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 1.13 |
| 167975.444672925390 | 167975.44 | 3909025.65 | FENCEGRD | 0.144 | 0.154 | 0.166 | 0.178 | 0.015 | 0.035 | 0.004 | 0.004 | 0.004 | 0.004 | 0.024 | 0.026 | 0.028 | 0.030 | 0.003 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 | 1.24 |
| 167986.893172925390 | 167986.89 | 3909003.89 | FENCEGRD | 0.160 | 0.171 | 0.184 | 0.197 | 0.015 | 0.038 | 0.004 | 0.004 | 0.004 | 0.004 | 0.027 | 0.029 | 0.031 | 0.033 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 | 1.37 |
| 167998.341672925390 | 167998.34 | 3908982.13 | FENCEGRD | 0.178 | 0.190 | 0.204 | 0.216 | 0.015 | 0.040 | 0.004 | 0.004 | 0.005 | 0.005 | 0.030 | 0.032 | 0.034 | 0.036 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 1.51 |
| 168009.790172925390 | 168009.79 | 3908960.37 | FENCEGRD | 0.196 | 0.207 | 0.220 | 0.232 | 0.015 | 0.043 | 0.004 | 0.005 | 0.005 | 0.005 | 0.033 | 0.035 | 0.037 | 0.039 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 1.63 |
| 167803.980366009390 | 167803.98 | 3909428.35 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.07 |
| 167782.890524508390 | 167782.89 | 3909437.82 | FENCEGRD | 0.008 | 0.008 | 0.007 | 0.007 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.06 |
| 167761.800683007390 | 167761.80 | 3909447.30 | FENCEGRD | 0.007 | 0.007 | 0.008 | 0.008 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.07 |
| 167740.710841506390 | 167740.71 | 3909456.77 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.010 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.09 |
| 167719.621000005390 | 167719.62 | 3909466.24 | FENCEGRD | 0.015 | 0.016 | 0.018 | 0.019 | 0.004 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.003 | 0.003 | 0.003 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.15 |
| 167698.531158504390 | 167698.53 | 3909475.72 | FENCEGRD | 0.028 | 0.029 | 0.032 | 0.034 | 0.004 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 | 0.005 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.25 |
| 167677.441317003390 | 167677.44 | 3909485.19 | FENCEGRD | 0.040 | 0.042 | 0.046 | 0.048 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.35 |
| 167656.351475502390 | 167656.35 | 3909494.66 | FENCEGRD | 0.048 | 0.051 | 0.054 | 0.056 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.008 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.41 |
| 167635.261634001390 | 167635.26 | 3909504.14 | FENCEGRD | 0.053 | 0.055 | 0.057 | 0.058 | 0.003 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.009 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.43 |
| 167614.171792539095 | 167614.17 | 3909513.61 | FENCEGRD | 0.056 | 0.057 | 0.058 | 0.059 | 0.003 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.009 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.45 |
| 167593.081950999390 | 167593.08 | 390 | | | | | | | | | | | | | | | | | | | | | | |

Project Cancer Risk

| XY | X | Y | REC TYPE | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|---------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167785.022671343909 | 167785.02 | 3909523.18 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167763.598070453909 | 167763.60 | 3909532.80 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.005 | 0.005 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167742.173469563909 | 167742.17 | 3909542.42 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.007 | 0.007 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167720.748868671390 | 167720.75 | 3909552.05 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.009 | 0.010 | 0.011 | 0.011 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167699.324267781390 | 167699.32 | 3909561.67 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.013 | 0.014 | 0.014 | 0.015 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167677.899666891390 | 167677.90 | 3909571.29 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.016 | 0.017 | 0.018 | 0.019 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167656.475066001390 | 167656.48 | 3909580.92 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.019 | 0.020 | 0.021 | 0.022 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167635.05046511390 | 167635.05 | 3909590.54 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.023 | 0.023 | 0.024 | 0.025 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167613.625864221390 | 167613.63 | 3909600.17 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.025 | 0.025 | 0.026 | 0.026 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167592.201263331390 | 167592.20 | 3909609.79 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.026 | 0.026 | 0.027 | 0.027 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167570.776662442390 | 167570.78 | 3909619.41 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.027 | 0.028 | 0.029 | 0.029 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167549.352061552390 | 167549.35 | 3909629.04 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.029 | 0.030 | 0.031 | 0.032 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167527.927460662390 | 167527.93 | 3909638.66 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.032 | 0.033 | 0.035 | 0.036 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167518.002116919390 | 167518.00 | 3909600.16 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.036 | 0.038 | 0.040 | 0.041 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167385.289837416390 | 167385.29 | 3909619.12 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.051 | 0.051 | 0.052 | 0.053 | 0.004 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167391.252787042390 | 167391.25 | 3909575.07 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.059 | 0.060 | 0.061 | 0.062 | 0.005 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167376.772612852390 | 167376.77 | 3909556.58 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.065 | 0.066 | 0.066 | 0.067 | 0.006 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167362.292438662390 | 167362.29 | 3909538.09 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.069 | 0.070 | 0.071 | 0.071 | 0.007 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167347.812264471390 | 167347.81 | 3909519.59 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.073 | 0.074 | 0.075 | 0.075 | 0.007 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167333.332090281390 | 167333.33 | 3909501.10 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.078 | 0.078 | 0.079 | 0.080 | 0.008 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167318.851916091390 | 167318.85 | 3909482.61 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.082 | 0.084 | 0.085 | 0.086 | 0.009 | 0.024 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167304.371741901390 | 167304.37 | 3909464.12 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.088 | 0.090 | 0.091 | 0.092 | 0.010 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167289.891567711390 | 167289.89 | 3909445.63 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.095 | 0.097 | 0.098 | 0.100 | 0.009 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167275.411393521390 | 167275.41 | 3909427.14 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.103 | 0.104 | 0.105 | 0.106 | 0.009 | 0.029 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167260.931219331390 | 167260.93 | 3909408.64 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.109 | 0.110 | 0.110 | 0.110 | 0.008 | 0.030 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167246.451045141390 | 167246.45 | 3909390.15 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.113 | 0.113 | 0.112 | 0.112 | 0.007 | 0.032 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167231.970870951390 | 167231.97 | 3909371.66 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.115 | 0.114 | 0.113 | 0.111 | 0.006 | 0.033 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167217.490696763909 | 167217.49 | 3909353.17 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.114 | 0.113 | 0.111 | 0.109 | 0.005 | 0.034 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167203.010522573909 | 167203.01 | 3909334.68 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.111 | 0.109 | 0.106 | 0.104 | 0.005 | 0.034 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167188.530348383909 | 167188.53 | 3909316.18 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.106 | 0.103 | 0.100 | 0.098 | 0.004 | 0.034 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167174.050174193909 | 167174.05 | 3909297.69 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.099 | 0.096 | 0.093 | 0.091</ | | | | | | |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 167785.022671343909 | 167785.02 | 3909523.18 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.06 |
| 167763.598070453909 | 167763.60 | 3909532.80 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.07 |
| 167742.173469563909 | 167742.17 | 3909542.42 | FENCEGRD | 0.011 | 0.011 | 0.012 | 0.012 | 0.002 | 0.008 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.10 |
| 167720.748868671390 | 167720.75 | 3909552.05 | FENCEGRD | 0.016 | 0.017 | 0.019 | 0.020 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.15 |
| 167699.324267781390 | 167699.32 | 3909561.67 | FENCEGRD | 0.023 | 0.024 | 0.026 | 0.027 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 | 0.004 | 0.004 | 0.004 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.20 |
| 167677.899666891390 | 167677.90 | 3909571.29 | FENCEGRD | 0.028 | 0.030 | 0.032 | 0.033 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 | 0.005 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.25 |
| 167656.475066001390 | 167656.48 | 3909580.92 | FENCEGRD | 0.034 | 0.035 | 0.037 | 0.038 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.29 |
| 167635.05046511390 | 167635.05 | 3909590.54 | FENCEGRD | 0.040 | 0.041 | 0.042 | 0.044 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.33 |
| 167613.625864221390 | 167613.63 | 3909600.17 | FENCEGRD | 0.044 | 0.044 | 0.045 | 0.046 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.35 |
| 167592.201263331390 | 167592.20 | 3909609.79 | FENCEGRD | 0.046 | 0.046 | 0.047 | 0.048 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.37 |
| 167570.776662442390 | 167570.78 | 3909619.41 | FENCEGRD | 0.048 | 0.049 | 0.051 | 0.052 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.008 | 0.008 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.39 |
| 167549.352061552390 | 167549.35 | 3909629.04 | FENCEGRD | 0.052 | 0.053 | 0.056 | 0.057 | 0.004 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.009 | 0.009 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.43 |
| 167527.927460662390 | 167527.93 | 3909638.66 | FENCEGRD | 0.057 | 0.059 | 0.062 | 0.064 | 0.005 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 | 0.010 | 0.010 | 0.010 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.47 |
| 167518.002116919390 | 167518.00 | 3909600.16 | FENCEGRD | 0.064 | 0.067 | 0.070 | 0.073 | 0.005 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 | 0.011 | 0.011 | 0.012 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.53 |
| 167385.289837416390 | 167385.29 | 3909619.12 | FENCEGRD | 0.090 | 0.091 | 0.092 | 0.094 | 0.008 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 | 0.015 | 0.015 | 0.015 | 0.016 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.72 |
| 167391.252787042390 | 167391.25 | 3909575.07 | FENCEGRD | 0.105 | 0.107 | 0.108 | 0.110 | 0.009 | 0.031 | 0.002 | 0.002 | 0.002 | 0.002 | 0.018 | 0.018 | 0.018 | 0.018 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.84 |
| 167376.772612852390 | 167376.77 | 3909556.58 | FENCEGRD | 0.114 | 0.116 | 0.118 | 0.119 | 0.010 | 0.034 | 0.003 | 0.003 | 0.003 | 0.003 | 0.019 | 0.019 | 0.020 | 0.020 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.91 |
| 167362.292438662390 | 167362.29 | 3909538.09 | FENCEGRD | 0.123 | 0.124 | 0.125 | 0.126 | 0.012 | 0.036 | 0.003 | 0.003 | 0.003 | 0.003 | 0.020 | 0.021 | 0.021 | 0.021 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.98 |
| 167347.812264471390 | 167347.81 | 3909519.59 | FENCEGRD | 0.130 | 0.131 | 0.132 | 0.133 | 0.013 | 0.038 | 0.003 | 0.003 | 0.003 | 0.003 | 0.022 | 0.022 | 0.022 | 0.022 | 0.002 | 0.006 | 0.000 | 0.000 | 0.001 | 0.001 | 1.03 |
| 167333.332090281390 | 167333.33 | 3909501.10 | FENCEGRD | 0.137 | 0.139 | 0.140 | 0.142 | 0.015 | 0.040 | 0.003 | 0.003 | 0.003 | 0.003 | 0.023 | 0.023 | 0.023 | 0.024 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 1.10 |
| 167318.851916091390 | 167318.85 | 3909482.61 | FENCEGRD | 0.146 | 0.148 | 0.150 | 0.152 | 0.016 | 0.042 | 0.003 | 0.003 | 0.004 | 0.004 | 0.024 | 0.025 | 0.025 | 0.025 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 1.17 |
| 167304.371741901390 | 167304.37 | 3909464.12 | FENCEGRD | 0.157 | 0.159 | 0.162 | 0.164 | 0.017 | 0.045 | 0.004 | 0.004 | 0.004 | 0.004 | 0.026 | 0.027 | 0.027 | 0.027 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 1.26 |
| 167289.891567711390 | 167289.89 | 3909445.63 | FENCEGRD | 0.169 | 0.172 | 0.174 | 0.176 | 0.017 | 0.048 | 0.004 | 0.004 | 0.004 | 0.004 | 0.028 | 0.029 | 0.029 | 0.029 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 1.35 |
| 167275.411393521390 | 167275.41 | 3909427.14 | FENCEGRD | 0.182 | 0.184 | 0.186 | 0.188 | 0.016 | 0.051 | 0.004 | 0.004 | 0.005 | 0.005 | 0.030 | 0.031 | 0.031 | 0.031 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 1.44 |
| 167260.931219331390 | 167260.93 | 3909408.64 | FENCEGRD | 0.193 | 0.194 | 0.195 | 0.195 | 0.014 | 0.054 | 0.005 | 0.005 | 0.005 | 0.005 | 0.032 | 0.032 | 0.033 | 0.033 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 1.51 |
| 167246.451045141390 | 167246.45 | 3909390.15 | FENCEGRD | 0.200 | 0.200 | 0.199 | 0.198 | 0.013 | 0.056 | 0.005 | 0.005 | 0.005 | 0.005 | 0.033 | 0.033 | 0.033 | 0.033 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 1.55 |
| 167231.970870951390 | 167231.97 | 3909371.66 | FENCEGRD | 0.204 | 0.202 | 0.200 | 0.198 | 0.011 | 0.058 | 0.005 | 0.005 | 0.004 | 0.004 | 0.034 | 0.034 | 0.033 | 0.033 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 | 1.56 |
| 167217.490696763909 | 167217.49 | 3909353.17 | FENCEGRD | 0.202 | 0.200 | 0.196 | 0.193 | 0.010 | 0.060 | 0.004 | 0.004 | 0.004 | 0.004 | 0.034 | 0.033 | 0.033 | 0.032 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 | 1.53 |
| 167203.010522573909 | 167203.01 | 3909334.68 | FENCEGRD | 0.197 | 0.193 | 0.188 | 0.184 | 0.008 | 0.060 | 0.004 | 0.004 | 0.004 | 0.004 | 0.033 | 0.032 | 0.031 | 0.031 | 0.001 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 | 1.48 |
| 167188.530348383909 | 167188.53 | 3909 | | | | | | | | | | | | | | | | | | | | | | |

Project Cancer Risk

| XY | X | Y | REC TYPE | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167569.458212496390 | 167569.46 | 3909706.32 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.026 | 0.027 | 0.027 | 0.028 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167547.827605829390 | 167547.83 | 3909716.03 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.027 | 0.028 | 0.029 | 0.030 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167482.935785826390 | 167482.94 | 3909745.18 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.030 | 0.030 | 0.031 | 0.031 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167461.305179158390 | 167461.31 | 3909754.90 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.029 | 0.030 | 0.030 | 0.030 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167425.055165856390 | 167425.06 | 3909745.94 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.031 | 0.032 | 0.032 | 0.033 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167410.435759222390 | 167410.44 | 3909727.27 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.034 | 0.034 | 0.035 | 0.035 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167395.816352588390 | 167395.82 | 3909708.60 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.036 | 0.036 | 0.037 | 0.037 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167381.196945953390 | 167381.20 | 3909689.93 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.038 | 0.039 | 0.040 | 0.040 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167366.577539319390 | 167366.58 | 3909671.26 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.042 | 0.042 | 0.043 | 0.044 | 0.004 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167351.958132685390 | 167351.96 | 3909652.59 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.046 | 0.047 | 0.048 | 0.048 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167337.338726051390 | 167337.34 | 3909633.92 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.051 | 0.052 | 0.052 | 0.053 | 0.005 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167322.719319416390 | 167322.72 | 3909615.25 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.056 | 0.056 | 0.057 | 0.057 | 0.005 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167308.099912782390 | 167308.10 | 3909596.58 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.060 | 0.060 | 0.061 | 0.061 | 0.006 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167293.480506148390 | 167293.48 | 3909577.92 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.063 | 0.064 | 0.064 | 0.064 | 0.006 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167278.861099514390 | 167278.86 | 3909559.25 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.067 | 0.067 | 0.068 | 0.069 | 0.007 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167264.241692879390 | 167264.24 | 3909540.58 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.072 | 0.073 | 0.073 | 0.074 | 0.008 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167249.622286245390 | 167249.62 | 3909521.91 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.078 | 0.079 | 0.079 | 0.080 | 0.008 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167235.002879611390 | 167235.00 | 3909503.24 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.083 | 0.084 | 0.085 | 0.086 | 0.009 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167220.383472977390 | 167220.38 | 3909484.57 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.090 | 0.091 | 0.091 | 0.092 | 0.009 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167205.764066342390 | 167205.76 | 3909465.90 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.095 | 0.095 | 0.096 | 0.096 | 0.008 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167191.144659708390 | 167191.14 | 3909447.23 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.099 | 0.099 | 0.099 | 0.098 | 0.008 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167176.525253074390 | 167176.53 | 3909428.56 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.101 | 0.101 | 0.100 | 0.099 | 0.007 | 0.030 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167161.905846443909 | 167161.91 | 3909409.89 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.101 | 0.101 | 0.099 | 0.098 | 0.006 | 0.031 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167147.286439805390 | 167147.29 | 3909391.22 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.100 | 0.099 | 0.097 | 0.095 | 0.006 | 0.032 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167132.667033171390 | 167132.67 | 3909372.55 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.097 | 0.095 | 0.093 | 0.091 | 0.005 | 0.032 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167118.047626537390 | 167118.05 | 3909353.88 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.093 | 0.091 | 0.088 | 0.086 | 0.004 | 0.031 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167103.428219903390 | 167103.43 | 3909335.21 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.088 | 0.085 | 0.083 | 0.081 | 0.004 | 0.031 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167088.808813268390 | 167088.81 | 3909316.54 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.082 | 0.080 | 0.077 | 0.075 | 0.003 | 0.030 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167074.189406634390 | 167074.19 | 3909297.87 | FENCEGRD | 0.003 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.076 | 0.074 | 0.071 | 0.069 | 0.003 | 0.029 | 0.002 | 0.002 | 0.001 | 0.001 |
| 168002.070345849390 | 168002.07 | 3909511.99 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168013.518845849390 | 168013.52 | 3909490.23 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.00. | | | | | | |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 167569.458212496390 | 167569.46 | 3909706.32 | FENCEGRD | 0.046 | 0.047 | 0.049 | 0.050 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.38 |
| 167547.827605829390 | 167547.83 | 3909716.03 | FENCEGRD | 0.048 | 0.050 | 0.051 | 0.053 | 0.004 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.008 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.40 |
| 167482.935785826390 | 167482.94 | 3909745.18 | FENCEGRD | 0.053 | 0.053 | 0.054 | 0.055 | 0.004 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.42 |
| 167461.305179158390 | 167461.31 | 3909754.90 | FENCEGRD | 0.052 | 0.052 | 0.053 | 0.054 | 0.004 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.42 |
| 167425.055165856390 | 167425.06 | 3909745.94 | FENCEGRD | 0.055 | 0.056 | 0.057 | 0.058 | 0.004 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.009 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.45 |
| 167410.435759222390 | 167410.44 | 3909727.27 | FENCEGRD | 0.059 | 0.060 | 0.061 | 0.062 | 0.005 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 | 0.010 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.48 |
| 167395.816352588390 | 167395.82 | 3909708.60 | FENCEGRD | 0.064 | 0.065 | 0.066 | 0.066 | 0.005 | 0.021 | 0.001 | 0.001 | 0.001 | 0.002 | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.51 |
| 167381.196945953390 | 167381.20 | 3909689.93 | FENCEGRD | 0.068 | 0.069 | 0.070 | 0.071 | 0.006 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 | 0.011 | 0.012 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.55 |
| 167366.577539319390 | 167366.58 | 3909671.26 | FENCEGRD | 0.074 | 0.075 | 0.076 | 0.077 | 0.006 | 0.024 | 0.002 | 0.002 | 0.002 | 0.002 | 0.012 | 0.013 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.60 |
| 167351.958132685390 | 167351.96 | 3909652.59 | FENCEGRD | 0.082 | 0.083 | 0.084 | 0.085 | 0.007 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 | 0.014 | 0.014 | 0.014 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.66 |
| 167337.338726051390 | 167337.34 | 3909633.92 | FENCEGRD | 0.091 | 0.092 | 0.093 | 0.094 | 0.008 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 | 0.015 | 0.015 | 0.016 | 0.016 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.73 |
| 167322.719319416390 | 167322.72 | 3909615.25 | FENCEGRD | 0.099 | 0.100 | 0.101 | 0.101 | 0.009 | 0.031 | 0.002 | 0.002 | 0.002 | 0.002 | 0.016 | 0.017 | 0.017 | 0.017 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.79 |
| 167308.099912782390 | 167308.10 | 3909596.58 | FENCEGRD | 0.106 | 0.107 | 0.107 | 0.108 | 0.010 | 0.033 | 0.003 | 0.003 | 0.003 | 0.003 | 0.018 | 0.018 | 0.018 | 0.018 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.84 |
| 167293.480506148390 | 167293.48 | 3909577.92 | FENCEGRD | 0.112 | 0.113 | 0.113 | 0.114 | 0.011 | 0.035 | 0.003 | 0.003 | 0.003 | 0.003 | 0.019 | 0.019 | 0.019 | 0.019 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.89 |
| 167278.861099514390 | 167278.86 | 3909559.25 | FENCEGRD | 0.118 | 0.119 | 0.120 | 0.121 | 0.013 | 0.036 | 0.003 | 0.003 | 0.003 | 0.003 | 0.020 | 0.020 | 0.020 | 0.020 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.95 |
| 167264.241692879390 | 167264.24 | 3909540.58 | FENCEGRD | 0.127 | 0.129 | 0.130 | 0.131 | 0.014 | 0.039 | 0.003 | 0.003 | 0.003 | 0.003 | 0.021 | 0.021 | 0.022 | 0.022 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 | 1.02 |
| 167249.622286245390 | 167249.62 | 3909521.91 | FENCEGRD | 0.137 | 0.139 | 0.141 | 0.142 | 0.015 | 0.041 | 0.003 | 0.003 | 0.003 | 0.003 | 0.023 | 0.023 | 0.023 | 0.024 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 1.10 |
| 167235.002879611390 | 167235.00 | 3909503.24 | FENCEGRD | 0.148 | 0.150 | 0.151 | 0.153 | 0.015 | 0.044 | 0.004 | 0.004 | 0.004 | 0.004 | 0.025 | 0.025 | 0.025 | 0.025 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 1.18 |
| 167220.383472977390 | 167220.38 | 3909484.57 | FENCEGRD | 0.159 | 0.160 | 0.162 | 0.163 | 0.015 | 0.047 | 0.004 | 0.004 | 0.004 | 0.004 | 0.026 | 0.027 | 0.027 | 0.027 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 1.26 |
| 167205.764066342390 | 167205.76 | 3909465.90 | FENCEGRD | 0.168 | 0.169 | 0.170 | 0.170 | 0.015 | 0.049 | 0.004 | 0.004 | 0.004 | 0.004 | 0.028 | 0.028 | 0.028 | 0.028 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 1.32 |
| 167191.144659708390 | 167191.14 | 3909447.23 | FENCEGRD | 0.175 | 0.175 | 0.175 | 0.174 | 0.014 | 0.052 | 0.004 | 0.004 | 0.004 | 0.004 | 0.029 | 0.029 | 0.029 | 0.029 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 1.37 |
| 167176.525253074390 | 167176.53 | 3909428.56 | FENCEGRD | 0.179 | 0.178 | 0.177 | 0.175 | 0.012 | 0.054 | 0.004 | 0.004 | 0.004 | 0.004 | 0.030 | 0.030 | 0.029 | 0.029 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 1.39 |
| 167161.905846443909 | 167161.91 | 3909409.89 | FENCEGRD | 0.180 | 0.178 | 0.176 | 0.173 | 0.011 | 0.055 | 0.004 | 0.004 | 0.004 | 0.004 | 0.030 | 0.030 | 0.029 | 0.029 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 1.38 |
| 167147.286439805390 | 167147.29 | 3909391.22 | FENCEGRD | 0.178 | 0.175 | 0.172 | 0.169 | 0.010 | 0.056 | 0.004 | 0.004 | 0.004 | 0.004 | 0.030 | 0.029 | 0.029 | 0.028 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 1.36 |
| 167132.667033171390 | 167132.67 | 3909372.55 | FENCEGRD | 0.172 | 0.169 | 0.165 | 0.162 | 0.009 | 0.056 | 0.004 | 0.004 | 0.004 | 0.004 | 0.029 | 0.028 | 0.028 | 0.027 | 0.001 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 1.31 |
| 167118.047626537390 | 167118.05 | 3909353.88 | FENCEGRD | 0.164 | 0.161 | 0.157 | 0.153 | 0.008 | 0.055 | 0.004 | 0.003 | 0.003 | 0.003 | 0.027 | 0.027 | 0.026 | 0.026 | 0.001 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 1.25 |
| 167103.428219903390 | 167103.43 | 3909335.21 | FENCEGRD | 0.155 | 0.151 | 0.147 | 0.144 | 0.007 | 0.054 | 0.003 | 0.003 | 0.003 | 0.003 | 0.026 | 0.025 | 0.025 | 0.024 | 0.001 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 1.17 |
| 167088.808813268390 | 167088.81 | 3909316.54 | FENCEGRD | 0.145 | 0.141 | 0.137 | 0.133 | 0.006 | 0.053 | 0.003 | 0.003 | 0.003 | 0.003 | 0.024 | 0.024 | 0.023 | 0.022 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 | 1.10 |
| 167074.189406634390 | 167074.19 | 3909297.87 | FENCEGRD | 0.134 | 0.130 | 0.126 | 0.123 | 0.005 | 0.051 | 0.003 | 0.003 | 0.003 | 0.003 | 0.022 | 0.022 | 0.021 | 0.021 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 1.01 |
| 168002.070345849390 | 168002.07 | 390 | | | | | | | | | | | | | | | | | | | | | | |

Project Cancer Risk

| XY | X | Y | REC TYPE | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0-2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167611.626917707390 | 167611.63 | 3909773.69 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.023 | 0.023 | 0.024 | 0.025 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167524.546281832390 | 167524.55 | 3909812.80 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.025 | 0.025 | 0.025 | 0.025 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167502.776122863390 | 167502.78 | 3909822.58 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.024 | 0.025 | 0.025 | 0.025 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167481.005963895390 | 167481.01 | 3909832.36 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.025 | 0.025 | 0.025 | 0.026 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167459.235804926390 | 167459.24 | 3909842.14 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.025 | 0.025 | 0.026 | 0.026 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167437.465645957390 | 167437.47 | 3909851.92 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.025 | 0.025 | 0.025 | 0.026 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167400.981761602390 | 167400.98 | 3909842.90 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.025 | 0.026 | 0.026 | 0.026 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167386.268036215390 | 167386.27 | 3909824.11 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.027 | 0.027 | 0.027 | 0.028 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167371.554310828390 | 167371.55 | 3909805.32 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.028 | 0.029 | 0.029 | 0.030 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167356.840585442390 | 167356.84 | 3909786.53 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.030 | 0.031 | 0.031 | 0.032 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167342.126860055390 | 167342.13 | 3909767.74 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.033 | 0.033 | 0.033 | 0.034 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167327.413134668390 | 167327.41 | 3909748.95 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.035 | 0.035 | 0.036 | 0.036 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167312.699409281390 | 167312.70 | 3909730.16 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.037 | 0.037 | 0.038 | 0.038 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167297.985683895390 | 167297.99 | 3909711.37 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.039 | 0.040 | 0.041 | 0.041 | 0.004 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167283.271958508390 | 167283.27 | 3909692.58 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.042 | 0.043 | 0.043 | 0.044 | 0.004 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167268.558233121390 | 167268.56 | 3909673.79 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.046 | 0.046 | 0.046 | 0.047 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167253.844507735390 | 167253.84 | 3909655.00 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.049 | 0.049 | 0.050 | 0.050 | 0.005 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167239.130782348390 | 167239.13 | 3909636.21 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.052 | 0.052 | 0.053 | 0.053 | 0.005 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167224.417056961390 | 167224.42 | 3909617.42 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.055 | 0.056 | 0.056 | 0.057 | 0.006 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167209.703331574390 | 167209.70 | 3909598.63 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.059 | 0.059 | 0.060 | 0.061 | 0.007 | 0.019 | 0.001 | 0.001 | 0.002 | 0.002 |
| 167194.989606188390 | 167194.99 | 3909579.84 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.063 | 0.064 | 0.065 | 0.065 | 0.007 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167180.275880801390 | 167180.28 | 3909561.05 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.068 | 0.069 | 0.069 | 0.070 | 0.007 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167165.562155414390 | 167165.56 | 3909542.26 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.073 | 0.074 | 0.074 | 0.075 | 0.008 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167150.848430027390 | 167150.85 | 3909523.47 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.078 | 0.078 | 0.079 | 0.079 | 0.007 | 0.024 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167136.134704641390 | 167136.13 | 3909504.68 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.082 | 0.082 | 0.082 | 0.082 | 0.007 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167121.420979254390 | 167121.42 | 3909485.89 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.085 | 0.085 | 0.084 | 0.084 | 0.007 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167106.707253867390 | 167106.71 | 3909467.10 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.087 | 0.086 | 0.085 | 0.085 | 0.006 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167091.993528481390 | 167091.99 | 3909448.31 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.087 | 0.087 | 0.085 | 0.084 | 0.006 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167077.279803094390 | 167077.28 | 3909429.52 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.086 | 0.085 | 0.084 | 0.082 | 0.005 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167062.566077707390 | 167062.57 | 3909410.73 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.084 | 0.082 | 0.081 | 0.079 | 0.005 | 0.029 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167047.85235232390 | 167047.85 | 3909391.94 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.080 | 0.079 | 0.077 | 0.076 | 0.004 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167033.138626934390 | 167033.14 | 3909373.15 | FENCEGRD | 0.003 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.076 | 0.075 | 0.073 | 0.071 | 0.004 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167018.424901547390 | 167018.42 | 3909354.36 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.072 | 0.071 | 0.069 | 0.067 | 0.004 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167003.711176163909 | 167003.71 | 3909335.57 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.068 | 0.066 | 0.064 | 0.063 | 0.003 | 0.026 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166988.997450773390 | 166989.00 | 3909316.78 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.063 | 0.061 | 0.060 | 0.058 | 0.003 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166974.283725387390 | 166974.28 | 3909297.99 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.058 | 0.057 | 0.055 | 0.054 | 0.002 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168090.570415019390 | 168090.57 | 3909558.55 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168102.018915019390 | 168102.02 | 3909536.79 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168113.467415019390 | 168113.47 | 3909515.03 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168124.915915019390 | 168124.92 | 3909493.27 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168136.364415019390 | 168136.36 | 3909471.51 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168147.812915019390 | 168147.81 | 3909449.75 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168159.261415019390 | 168159.26 | 3909427.98 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.006 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168170.709915019390 | 168170.71 | 3909406.22 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168182.158415019390 | 168182.16 | 3909384.46 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.007 | 0.007 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168193.606915019390 | 168193.61 | 3909362.70 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.004 | | | | |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 167611.626917707390 | 167611.63 | 3909773.69 | FENCEGRD | 0.041 | 0.041 | 0.042 | 0.043 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.33 |
| 167524.546281832390 | 167524.55 | 3909812.80 | FENCEGRD | 0.043 | 0.044 | 0.045 | 0.045 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.35 |
| 167502.776122863390 | 167502.78 | 3909822.58 | FENCEGRD | 0.043 | 0.044 | 0.044 | 0.045 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.35 |
| 167481.005963895390 | 167481.01 | 3909832.36 | FENCEGRD | 0.044 | 0.044 | 0.045 | 0.045 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.007 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.35 |
| 167459.235804926390 | 167459.24 | 3909842.14 | FENCEGRD | 0.044 | 0.045 | 0.045 | 0.046 | 0.003 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.36 |
| 167437.465645957390 | 167437.47 | 3909851.92 | FENCEGRD | 0.044 | 0.045 | 0.045 | 0.046 | 0.004 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.35 |
| 167400.981761602390 | 167400.98 | 3909842.90 | FENCEGRD | 0.045 | 0.045 | 0.046 | 0.047 | 0.004 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.36 |
| 167386.268036215390 | 167386.27 | 3909824.11 | FENCEGRD | 0.047 | 0.048 | 0.048 | 0.049 | 0.004 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.38 |
| 167371.554310828390 | 167371.55 | 3909805.32 | FENCEGRD | 0.050 | 0.051 | 0.052 | 0.052 | 0.004 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.41 |
| 167356.840585442390 | 167356.84 | 3909786.53 | FENCEGRD | 0.054 | 0.055 | 0.055 | 0.056 | 0.005 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.44 |
| 167342.126860055390 | 167342.13 | 3909767.74 | FENCEGRD | 0.058 | 0.058 | 0.059 | 0.060 | 0.005 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 | 0.010 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.46 |
| 167327.413134668390 | 167327.41 | 3909748.95 | FENCEGRD | 0.061 | 0.062 | 0.063 | 0.064 | 0.006 | 0.021 | 0.001 | 0.002 | 0.002 | 0.002 | 0.010 | 0.010 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.50 |
| 167312.699409281390 | 167312.70 | 3909730.16 | FENCEGRD | 0.065 | 0.066 | 0.067 | 0.068 | 0.006 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.53 |
| 167297.985683895390 | 167297.99 | 3909711.37 | FENCEGRD | 0.070 | 0.071 | 0.072 | 0.073 | 0.007 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 | 0.012 | 0.012 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.56 |
| 167283.271958508390 | 167283.27 | 3909692.58 | FENCEGRD | 0.075 | 0.076 | 0.077 | 0.077 | 0.007 | 0.025 | 0.002 | 0.002 | 0.002 | 0.002 | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.60 |
| 167268.558233121390 | 167268.56 | 3909673.79 | FENCEGRD | 0.081 | 0.082 | 0.082 | 0.083 | 0.008 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 | 0.013 | 0.014 | 0.014 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.65 |
| 167253.844507735390 | 167253.84 | 3909655.00 | FENCEGRD | 0.086 | 0.087 | 0.088 | 0.088 | 0.009 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 | 0.014 | 0.015 | 0.015 | 0.015 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.69 |
| 167239.130782348390 | 167239.13 | 3909636.21 | FENCEGRD | 0.092 | 0.093 | 0.093 | 0.094 | 0.009 | 0.030 | 0.002 | 0.002 | 0.002 | 0.002 | 0.015 | 0.015 | 0.016 | 0.016 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.74 |
| 167224.417056961390 | 167224.42 | 3909617.42 | FENCEGRD | 0.097 | 0.098 | 0.099 | 0.100 | 0.011 | 0.032 | 0.002 | 0.002 | 0.002 | 0.002 | 0.016 | 0.016 | 0.017 | 0.017 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.78 |
| 167209.703331574390 | 167209.70 | 3909598.63 | FENCEGRD | 0.104 | 0.105 | 0.106 | 0.107 | 0.012 | 0.033 | 0.003 | 0.003 | 0.003 | 0.003 | 0.017 | 0.018 | 0.018 | 0.018 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.84 |
| 167194.989606188390 | 167194.99 | 3909579.84 | FENCEGRD | 0.111 | 0.113 | 0.114 | 0.116 | 0.012 | 0.035 | 0.003 | 0.003 | 0.003 | 0.003 | 0.019 | 0.019 | 0.019 | 0.019 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.90 |
| 167180.275880801390 | 167180.28 | 3909561.05 | FENCEGRD | 0.120 | 0.121 | 0.123 | 0.124 | 0.013 | 0.038 | 0.003 | 0.003 | 0.003 | 0.003 | 0.020 | 0.020 | 0.021 | 0.021 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 | 0.97 |
| 167165.562155414390 | 167165.56 | 3909542.26 | FENCEGRD | 0.129 | 0.130 | 0.132 | 0.133 | 0.013 | 0.040 | 0.003 | 0.003 | 0.003 | 0.003 | 0.021 | 0.022 | 0.022 | 0.022 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 1.03 |
| 167150.848430027390 | 167150.85 | 3909523.47 | FENCEGRD | 0.137 | 0.139 | 0.139 | 0.140 | 0.013 | 0.043 | 0.004 | 0.004 | 0.004 | 0.004 | 0.023 | 0.023 | 0.023 | 0.023 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 1.10 |
| 167136.134704641390 | 167136.13 | 3909504.68 | FENCEGRD | 0.145 | 0.145 | 0.145 | 0.146 | 0.013 | 0.045 | 0.004 | 0.004 | 0.004 | 0.004 | 0.024 | 0.024 | 0.024 | 0.024 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 1.14 |
| 167121.420979254390 | 167121.42 | 3909485.89 | FENCEGRD | 0.150 | 0.150 | 0.149 | 0.149 | 0.012 | 0.047 | 0.004 | 0.004 | 0.004 | 0.004 | 0.025 | 0.025 | 0.025 | 0.025 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 1.18 |
| 167106.707253867390 | 167106.71 | 3909467.10 | FENCEGRD | 0.154 | 0.153 | 0.151 | 0.150 | 0.011 | 0.049 | 0.004 | 0.004 | 0.004 | 0.004 | 0.026 | 0.025 | 0.025 | 0.025 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 1.20 |
| 167091.993528481390 | 167091.99 | 3909448.31 | FENCEGRD | 0.155 | 0.153 | 0.151 | 0.149 | 0.011 | 0.051 | 0.004 | 0.004 | 0.004 | 0.004 | 0.026 | 0.026 | 0.025 | 0.025 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 1.20 |
| 167077.279803094390 | 167077.28 | 3909429.52 | FENCEGRD | 0.153 | 0.151 | 0.148 | 0.146 | 0.010 | 0.051 | 0.004 | 0.004 | 0.004 | 0.004 | 0.025 | 0.025 | 0.025 | 0.024 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 1.18 |
| 167062.566077707390 | 167062.57 | 390 | | | | | | | | | | | | | | | | | | | | | | |

Project Cancer Risk

| XY | X | Y | REC TYPE | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167851.006283063390 | 167851.01 | 3909752.47 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.009 | 0.009 | 0.010 | 0.010 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167829.135336321390 | 167829.14 | 3909762.30 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.010 | 0.010 | 0.011 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167807.264389583909 | 167807.26 | 3909772.12 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.011 | 0.011 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167785.393442838390 | 167785.39 | 3909781.94 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.012 | 0.012 | 0.013 | 0.013 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167763.522496096390 | 167763.52 | 3909791.77 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.013 | 0.013 | 0.014 | 0.014 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167741.651549354390 | 167741.65 | 3909801.59 | FENCEGRD | 0.000 | 0.000 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.014 | 0.015 | 0.015 | 0.016 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167719.780602613390 | 167719.78 | 3909811.42 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.015 | 0.016 | 0.017 | 0.017 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167697.909655871390 | 167697.91 | 3909821.24 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.017 | 0.017 | 0.018 | 0.018 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167676.038709129390 | 167676.04 | 3909831.07 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.018 | 0.018 | 0.019 | 0.019 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167654.167762388390 | 167654.17 | 3909840.89 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.019 | 0.020 | 0.020 | 0.021 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167566.683975421390 | 167566.68 | 3909880.19 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.021 | 0.021 | 0.021 | 0.022 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167544.813028679390 | 167544.81 | 3909890.01 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.021 | 0.021 | 0.021 | 0.021 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167522.942081937390 | 167522.94 | 3909899.83 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.020 | 0.020 | 0.020 | 0.020 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167501.071135196390 | 167501.07 | 3909909.68 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.020 | 0.020 | 0.020 | 0.020 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167479.200188454390 | 167479.20 | 3909919.46 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.019 | 0.020 | 0.020 | 0.020 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167457.329241712390 | 167457.33 | 3909929.31 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.019 | 0.019 | 0.020 | 0.020 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167435.458294973909 | 167435.46 | 3909939.13 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.019 | 0.020 | 0.020 | 0.020 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167413.587348229390 | 167413.59 | 3909948.95 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.020 | 0.020 | 0.020 | 0.020 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167376.934557001390 | 167376.93 | 3909939.90 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.021 | 0.021 | 0.022 | 0.022 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167362.152712515390 | 167362.15 | 3909921.02 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.022 | 0.023 | 0.023 | 0.023 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167347.370868033909 | 167347.37 | 3909902.15 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.024 | 0.024 | 0.024 | 0.024 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167332.589023544390 | 167332.59 | 3909883.27 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.025 | 0.025 | 0.025 | 0.026 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167317.807179058390 | 167317.81 | 3909864.39 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.027 | 0.027 | 0.027 | 0.027 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167303.025334572390 | 167303.03 | 3909845.51 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.028 | 0.029 | 0.029 | 0.029 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167288.243490087390 | 167288.24 | 3909826.64 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.030 | 0.030 | 0.031 | 0.031 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167273.461645601390 | 167273.46 | 3909807.76 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.032 | 0.032 | 0.033 | 0.033 | 0.003 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167258.679801115390 | 167258.68 | 3909788.88 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.034 | 0.034 | 0.035 | 0.035 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167243.897956629390 | 167243.90 | 3909770.01 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.036 | 0.036 | 0.037 | 0.037 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167229.116112144390 | 167229.12 | 3909751.13 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.038 | 0.038 | 0.038 | 0.039 | 0.004 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167214.334267658390 | 167214.33 | 3909732.25 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.040 | 0.040 | 0.040 | 0.041 | 0.004 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167199.552423172390 | 167199.55 | 3909713.37 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.042 | 0.042 | 0.043 | 0.043 | | | | | | |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 167851.006283063390 | 167851.01 | 3909752.47 | FENCEGRD | 0.016 | 0.017 | 0.017 | 0.018 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.14 |
| 167829.135336321390 | 167829.14 | 3909762.30 | FENCEGRD | 0.018 | 0.018 | 0.019 | 0.019 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.15 |
| 167807.264389583909 | 167807.26 | 3909772.12 | FENCEGRD | 0.019 | 0.020 | 0.021 | 0.021 | 0.002 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.16 |
| 167785.393442838390 | 167785.39 | 3909781.94 | FENCEGRD | 0.021 | 0.022 | 0.023 | 0.023 | 0.002 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.18 |
| 167763.522496096390 | 167763.52 | 3909791.77 | FENCEGRD | 0.023 | 0.024 | 0.025 | 0.026 | 0.002 | 0.009 | 0.000 | 0.001 | 0.001 | 0.001 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.19 |
| 167741.651549354390 | 167741.65 | 3909801.59 | FENCEGRD | 0.025 | 0.026 | 0.027 | 0.028 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 0.004 | 0.004 | 0.004 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.21 |
| 167719.780602613390 | 167719.78 | 3909811.42 | FENCEGRD | 0.027 | 0.028 | 0.029 | 0.030 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.23 |
| 167697.909655871390 | 167697.91 | 3909821.24 | FENCEGRD | 0.030 | 0.030 | 0.032 | 0.033 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.24 |
| 167676.038709129390 | 167676.04 | 3909831.07 | FENCEGRD | 0.032 | 0.033 | 0.034 | 0.035 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.26 |
| 167654.167762388390 | 167654.17 | 3909840.89 | FENCEGRD | 0.034 | 0.035 | 0.036 | 0.037 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.28 |
| 167566.683975421390 | 167566.68 | 3909880.19 | FENCEGRD | 0.037 | 0.037 | 0.038 | 0.038 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.30 |
| 167544.813028679390 | 167544.81 | 3909890.01 | FENCEGRD | 0.036 | 0.037 | 0.037 | 0.037 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.29 |
| 167522.942081937390 | 167522.94 | 3909899.83 | FENCEGRD | 0.035 | 0.036 | 0.036 | 0.036 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.28 |
| 167501.071135196390 | 167501.07 | 3909909.68 | FENCEGRD | 0.035 | 0.035 | 0.035 | 0.036 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.28 |
| 167479.200188454390 | 167479.20 | 3909919.46 | FENCEGRD | 0.034 | 0.035 | 0.035 | 0.035 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.28 |
| 167457.329241712390 | 167457.33 | 3909929.31 | FENCEGRD | 0.034 | 0.034 | 0.035 | 0.035 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.28 |
| 167435.458294973909 | 167435.46 | 3909939.13 | FENCEGRD | 0.034 | 0.035 | 0.035 | 0.036 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.28 |
| 167413.587348229390 | 167413.59 | 3909948.95 | FENCEGRD | 0.035 | 0.035 | 0.036 | 0.036 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.28 |
| 167376.934557001390 | 167376.93 | 3909939.90 | FENCEGRD | 0.037 | 0.038 | 0.038 | 0.039 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.30 |
| 167362.152712515390 | 167362.15 | 3909921.02 | FENCEGRD | 0.039 | 0.040 | 0.040 | 0.041 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.32 |
| 167347.370868033909 | 167347.37 | 3909902.15 | FENCEGRD | 0.042 | 0.042 | 0.043 | 0.043 | 0.004 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.34 |
| 167332.589023544390 | 167332.59 | 3909883.27 | FENCEGRD | 0.044 | 0.045 | 0.045 | 0.046 | 0.004 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.36 |
| 167317.807179058390 | 167317.81 | 3909864.39 | FENCEGRD | 0.047 | 0.048 | 0.048 | 0.049 | 0.004 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.38 |
| 167303.025334572390 | 167303.03 | 3909845.51 | FENCEGRD | 0.050 | 0.051 | 0.051 | 0.052 | 0.005 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.008 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.40 |
| 167288.243490087390 | 167288.24 | 3909826.64 | FENCEGRD | 0.053 | 0.054 | 0.055 | 0.055 | 0.005 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.43 |
| 167273.461645601390 | 167273.46 | 3909807.76 | FENCEGRD | 0.057 | 0.057 | 0.058 | 0.059 | 0.005 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.46 |
| 167258.679801115390 | 167258.68 | 3909788.88 | FENCEGRD | 0.060 | 0.061 | 0.061 | 0.062 | 0.006 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 | 0.010 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.48 |
| 167243.897956629390 | 167243.90 | 3909770.01 | FENCEGRD | 0.063 | 0.064 | 0.065 | 0.065 | 0.006 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.51 |
| 167229.116112144390 | 167229.12 | 3909751.13 | FENCEGRD | 0.067 | 0.068 | 0.068 | 0.069 | 0.007 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.54 |
| 167214.334267658390 | 167214.33 | 390 | | | | | | | | | | | | | | | | | | | | | | |

Project Cancer Risk

| XY | X | Y | REC TYPE | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168385.143484189390 | 168385.14 | 3909213.41 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.010 | 0.010 | 0.010 | 0.011 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168396.591984189390 | 168396.59 | 3909191.64 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.011 | 0.011 | 0.011 | 0.012 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168408.040484189390 | 168408.04 | 3909169.88 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.011 | 0.012 | 0.012 | 0.012 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167787.000405301390 | 167787.00 | 3908808.03 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.151 | 0.147 | 0.141 | 0.135 | 0.005 | 0.061 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167754.375442745390 | 167754.38 | 3908835.86 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.160 | 0.151 | 0.140 | 0.131 | 0.005 | 0.059 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167733.477442745390 | 167733.48 | 3908848.95 | FENCEGRD | 0.005 | 0.005 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.154 | 0.143 | 0.131 | 0.121 | 0.005 | 0.054 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167712.579442745390 | 167712.58 | 3908862.03 | FENCEGRD | 0.005 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.140 | 0.129 | 0.117 | 0.107 | 0.004 | 0.046 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167691.681442745390 | 167691.68 | 3908875.12 | FENCEGRD | 0.004 | 0.004 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.124 | 0.113 | 0.101 | 0.092 | 0.004 | 0.038 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167670.783442745390 | 167670.78 | 3908888.20 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.105 | 0.094 | 0.084 | 0.076 | 0.004 | 0.033 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167762.006885491390 | 167762.01 | 3908801.59 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.134 | 0.126 | 0.118 | 0.110 | 0.005 | 0.044 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167741.108885491390 | 167741.11 | 3908814.67 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.126 | 0.118 | 0.109 | 0.101 | 0.004 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167720.210885491390 | 167720.21 | 3908827.76 | FENCEGRD | 0.004 | 0.004 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.117 | 0.108 | 0.099 | 0.091 | 0.004 | 0.030 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167699.312885491390 | 167699.31 | 3908840.84 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.104 | 0.095 | 0.087 | 0.080 | 0.004 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167678.414885491390 | 167678.41 | 3908853.93 | FENCEGRD | 0.003 | 0.003 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.091 | 0.083 | 0.075 | 0.069 | 0.003 | 0.022 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167657.516885491390 | 167657.52 | 3908867.01 | FENCEGRD | 0.003 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.078 | 0.071 | 0.063 | 0.058 | 0.003 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167794.142777813390 | 167794.14 | 3908784.69 | FENCEGRD | 0.005 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.139 | 0.135 | 0.128 | 0.122 | 0.005 | 0.054 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167816.844002601390 | 167816.84 | 3908786.84 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.145 | 0.141 | 0.138 | 0.134 | 0.006 | 0.066 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167748.740328236390 | 167748.74 | 3908780.40 | FENCEGRD | 0.004 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.107 | 0.101 | 0.094 | 0.088 | 0.004 | 0.030 | 0.002 | 0.002 | 0.001 | 0.001 |
| 167727.842328236390 | 167727.84 | 3908793.49 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.101 | 0.094 | 0.087 | 0.081 | 0.004 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167706.944328236390 | 167706.94 | 3908806.57 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.091 | 0.085 | 0.078 | 0.072 | 0.003 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167686.046328236390 | 167686.05 | 3908819.65 | FENCEGRD | 0.003 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.082 | 0.075 | 0.069 | 0.063 | 0.003 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167665.148328236390 | 167665.15 | 3908832.74 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.072 | 0.066 | 0.060 | 0.055 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167644.250328236390 | 167644.25 | 3908845.82 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.061 | 0.056 | 0.051 | 0.047 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167783.903050533908 | 167783.90 | 3908763.79 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.121 | 0.115 | 0.108 | 0.102 | 0.004 | 0.042 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167808.117690304390 | 167808.12 | 3908766.08 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.132 | 0.128 | 0.123 | 0.118 | 0.005 | 0.052 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167868.842829443390 | 167868.84 | 3908842.58 | FENCEGRD | 0.006 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.166 | 0.163 | 0.160 | 0.157 | 0.006 | 0.071 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167735.473770981390 | 167735.47 | 3908759.21 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.090 | 0.084 | 0.078 | 0.073 | 0.004 | 0.023 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167714.575770981390 | 167714.58 | 3908772.30 | FENCEGRD | 0.003 | 0.003 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.083 | 0.077 | 0.071 | 0.066 | 0.003 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167693.677770981390 | 167693.68 | 3908785.38 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.075 | 0.069 | 0.064 | 0.059 | 0.003 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167672.779770981390 | 167672.78 | 3908798.46 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.066 | 0.061 | 0.056 | 0.052 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167651.881770981390 | 167651.88 | 3908811.55 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.058 | 0.054 | 0.049 | 0.04. | | | | | | |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 168385.143484189390 | 168385.14 | 3909213.41 | FENCEGRD | 0.017 | 0.018 | 0.018 | 0.019 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.15 |
| 168396.591984189390 | 168396.59 | 3909191.64 | FENCEGRD | 0.019 | 0.019 | 0.020 | 0.021 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.16 |
| 168408.040484189390 | 168408.04 | 3909169.88 | FENCEGRD | 0.020 | 0.021 | 0.021 | 0.022 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.003 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.17 |
| 167787.000405301390 | 167787.00 | 3908808.03 | FENCEGRD | 0.268 | 0.261 | 0.251 | 0.239 | 0.010 | 0.109 | 0.004 | 0.004 | 0.004 | 0.004 | 0.045 | 0.044 | 0.042 | 0.040 | 0.002 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 | 2.02 |
| 167754.375442745390 | 167754.38 | 3908835.86 | FENCEGRD | 0.284 | 0.268 | 0.249 | 0.232 | 0.009 | 0.105 | 0.004 | 0.004 | 0.004 | 0.004 | 0.047 | 0.045 | 0.041 | 0.039 | 0.002 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 | 2.03 |
| 167733.477442745390 | 167733.48 | 3908848.95 | FENCEGRD | 0.272 | 0.253 | 0.232 | 0.215 | 0.009 | 0.096 | 0.004 | 0.003 | 0.003 | 0.003 | 0.045 | 0.042 | 0.039 | 0.036 | 0.001 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 1.91 |
| 167712.579442745390 | 167712.58 | 3908862.03 | FENCEGRD | 0.248 | 0.228 | 0.207 | 0.189 | 0.008 | 0.081 | 0.003 | 0.003 | 0.003 | 0.003 | 0.041 | 0.038 | 0.034 | 0.032 | 0.001 | 0.014 | 0.001 | 0.001 | 0.000 | 0.000 | 1.70 |
| 167691.681442745390 | 167691.68 | 3908875.12 | FENCEGRD | 0.220 | 0.200 | 0.179 | 0.163 | 0.007 | 0.068 | 0.003 | 0.003 | 0.003 | 0.002 | 0.037 | 0.033 | 0.030 | 0.027 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 | 1.48 |
| 167670.783442745390 | 167670.78 | 3908888.20 | FENCEGRD | 0.185 | 0.167 | 0.148 | 0.134 | 0.006 | 0.058 | 0.002 | 0.002 | 0.002 | 0.002 | 0.031 | 0.028 | 0.025 | 0.022 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 1.24 |
| 167762.006885491390 | 167762.01 | 3908801.59 | FENCEGRD | 0.237 | 0.224 | 0.208 | 0.196 | 0.008 | 0.078 | 0.003 | 0.003 | 0.003 | 0.003 | 0.040 | 0.037 | 0.035 | 0.033 | 0.001 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 1.69 |
| 167741.108885491390 | 167741.11 | 3908814.67 | FENCEGRD | 0.223 | 0.209 | 0.193 | 0.180 | 0.008 | 0.064 | 0.003 | 0.003 | 0.003 | 0.003 | 0.037 | 0.035 | 0.032 | 0.030 | 0.001 | 0.011 | 0.001 | 0.001 | 0.000 | 0.000 | 1.55 |
| 167720.210885491390 | 167720.21 | 3908827.76 | FENCEGRD | 0.206 | 0.191 | 0.175 | 0.162 | 0.007 | 0.053 | 0.003 | 0.003 | 0.003 | 0.003 | 0.034 | 0.032 | 0.029 | 0.027 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 | 1.41 |
| 167699.312885491390 | 167699.31 | 3908840.84 | FENCEGRD | 0.184 | 0.169 | 0.153 | 0.141 | 0.006 | 0.044 | 0.002 | 0.002 | 0.002 | 0.002 | 0.031 | 0.028 | 0.026 | 0.024 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 1.24 |
| 167678.414885491390 | 167678.41 | 3908853.93 | FENCEGRD | 0.161 | 0.147 | 0.133 | 0.122 | 0.006 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 | 0.027 | 0.025 | 0.022 | 0.020 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 1.08 |
| 167657.516885491390 | 167657.52 | 3908867.01 | FENCEGRD | 0.138 | 0.125 | 0.112 | 0.103 | 0.005 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 | 0.023 | 0.021 | 0.019 | 0.017 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.92 |
| 167794.142777813390 | 167794.14 | 3908784.69 | FENCEGRD | 0.247 | 0.239 | 0.227 | 0.216 | 0.009 | 0.095 | 0.004 | 0.004 | 0.004 | 0.004 | 0.041 | 0.040 | 0.038 | 0.036 | 0.001 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 1.83 |
| 167816.844002601390 | 167816.84 | 3908786.84 | FENCEGRD | 0.256 | 0.250 | 0.244 | 0.238 | 0.010 | 0.117 | 0.004 | 0.004 | 0.004 | 0.004 | 0.043 | 0.042 | 0.041 | 0.040 | 0.002 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 | 1.98 |
| 167748.740328236390 | 167748.74 | 3908780.40 | FENCEGRD | 0.190 | 0.179 | 0.166 | 0.156 | 0.007 | 0.054 | 0.003 | 0.003 | 0.003 | 0.003 | 0.032 | 0.030 | 0.028 | 0.026 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 | 1.33 |
| 167727.842328236390 | 167727.84 | 3908793.49 | FENCEGRD | 0.178 | 0.166 | 0.153 | 0.143 | 0.007 | 0.045 | 0.003 | 0.002 | 0.002 | 0.002 | 0.030 | 0.028 | 0.026 | 0.024 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 1.23 |
| 167706.944328236390 | 167706.94 | 3908806.57 | FENCEGRD | 0.162 | 0.150 | 0.137 | 0.127 | 0.006 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 | 0.027 | 0.025 | 0.023 | 0.021 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 1.10 |
| 167686.046328236390 | 167686.05 | 3908819.65 | FENCEGRD | 0.145 | 0.134 | 0.122 | 0.112 | 0.006 | 0.030 | 0.002 | 0.002 | 0.002 | 0.002 | 0.024 | 0.022 | 0.020 | 0.019 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.97 |
| 167665.148328236390 | 167665.15 | 3908832.74 | FENCEGRD | 0.127 | 0.116 | 0.106 | 0.098 | 0.005 | 0.026 | 0.002 | 0.002 | 0.002 | 0.002 | 0.021 | 0.019 | 0.018 | 0.016 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.85 |
| 167644.250328236390 | 167644.25 | 3908845.82 | FENCEGRD | 0.108 | 0.099 | 0.090 | 0.084 | 0.005 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 | 0.018 | 0.017 | 0.015 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.73 |
| 167783.903050533908 | 167783.90 | 3908763.79 | FENCEGRD | 0.214 | 0.203 | 0.191 | 0.181 | 0.008 | 0.075 | 0.003 | 0.003 | 0.003 | 0.003 | 0.036 | 0.034 | 0.032 | 0.030 | 0.001 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 1.55 |
| 167808.117690304390 | 167808.12 | 3908766.08 | FENCEGRD | 0.233 | 0.227 | 0.218 | 0.208 | 0.009 | 0.093 | 0.004 | 0.004 | 0.004 | 0.003 | 0.039 | 0.038 | 0.036 | 0.035 | 0.001 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 1.75 |
| 167868.842829443390 | 167868.84 | 3908842.58 | FENCEGRD | 0.294 | 0.289 | 0.283 | 0.278 | 0.011 | 0.126 | 0.005 | 0.005 | 0.005 | 0.005 | 0.049 | 0.048 | 0.047 | 0.046 | 0.002 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 | 2.28 |
| 167735.473770981390 | 167735.47 | 3908759.21 | FENCEGRD | 0.159 | 0.149 | 0.138 | 0.129 | 0.006 | 0.041 | 0.002 | 0.002 | 0.002 | 0.002 | 0.027 | 0.025 | 0.023 | 0.022 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 1.11 |
| 167714.575770981390 | 167714.58 | 3908772.30 | FENCEGRD | 0.147 | 0.137 | 0.126 | 0.118 | 0.006 | 0.034 | 0.002 | 0.002 | 0.002 | 0.002 | 0.024 | 0.023 | 0.021 | 0.020 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 1.01 |
| 167693.677770981390 | 167693.68 | 3908785.38 | FENCEGRD | 0.133 | 0.123 | 0.113 | 0.105 | 0.005 | 0.028 | 0.002 | 0.002 | 0.002 | 0.002 | 0.022 | 0.021 | 0.019 | 0.018 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.90 |
| 167672.779770981390 | 167672.78 | 390 | | | | | | | | | | | | | | | | | | | | | | |

Project Cancer Risk

| XY | X | Y | REC TYPE | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167679.157734928390 | 167679.16 | 3908634.27 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.040 | 0.038 | 0.036 | 0.034 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167702.441042403390 | 167702.44 | 3908636.48 | FENCEGRD | 0.002 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.047 | 0.044 | 0.042 | 0.039 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167725.724349878390 | 167725.72 | 3908638.68 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.054 | 0.052 | 0.048 | 0.046 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167749.007657354390 | 167749.01 | 3908640.88 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.062 | 0.059 | 0.056 | 0.053 | 0.003 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167772.290964829390 | 167772.29 | 3908643.08 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.066 | 0.064 | 0.061 | 0.060 | 0.003 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167795.574272304390 | 167795.57 | 3908645.28 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.070 | 0.068 | 0.065 | 0.063 | 0.003 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167818.857579779390 | 167818.86 | 3908647.48 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.075 | 0.073 | 0.070 | 0.068 | 0.004 | 0.028 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167842.140887255390 | 167842.14 | 3908649.68 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.080 | 0.078 | 0.076 | 0.074 | 0.004 | 0.032 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167865.424194733908 | 167865.42 | 3908651.88 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.085 | 0.083 | 0.081 | 0.079 | 0.004 | 0.036 | 0.002 | 0.002 | 0.002 | 0.001 |
| 167888.707502205390 | 167888.71 | 3908654.08 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.089 | 0.087 | 0.085 | 0.084 | 0.004 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167911.990809683908 | 167911.99 | 3908656.28 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.093 | 0.091 | 0.089 | 0.088 | 0.004 | 0.043 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167935.274117156390 | 167935.27 | 3908658.48 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.097 | 0.096 | 0.094 | 0.093 | 0.005 | 0.046 | 0.002 | 0.002 | 0.002 | 0.002 |
| 167974.321347183390 | 167974.32 | 3908752.89 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.140 | 0.139 | 0.138 | 0.137 | 0.006 | 0.057 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167978.262327821390 | 167978.26 | 3908775.95 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.147 | 0.146 | 0.146 | 0.145 | 0.007 | 0.054 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167982.203308459390 | 167982.20 | 3908799.00 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.153 | 0.153 | 0.154 | 0.154 | 0.007 | 0.049 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167986.144289097390 | 167986.14 | 3908822.05 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.155 | 0.157 | 0.159 | 0.160 | 0.007 | 0.045 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167990.085269735390 | 167990.09 | 3908845.10 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.156 | 0.158 | 0.161 | 0.164 | 0.007 | 0.041 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167994.026250373390 | 167994.03 | 3908868.16 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.153 | 0.157 | 0.161 | 0.164 | 0.008 | 0.037 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167997.967231011390 | 167997.97 | 3908891.21 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.148 | 0.152 | 0.158 | 0.162 | 0.008 | 0.034 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168001.908211649390 | 168001.91 | 3908914.26 | FENCEGRD | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.139 | 0.144 | 0.151 | 0.156 | 0.008 | 0.030 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168005.849192287390 | 168005.85 | 3908937.31 | FENCEGRD | 0.004 | 0.004 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.126 | 0.133 | 0.140 | 0.146 | 0.008 | 0.027 | 0.003 | 0.003 | 0.003 | 0.003 |
| 167655.874427453390 | 167655.87 | 3908632.07 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.034 | 0.033 | 0.031 | 0.029 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167634.976427453390 | 167634.98 | 3908645.16 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.032 | 0.030 | 0.028 | 0.027 | 0.002 | 0.007 | 0.001 | 0.000 | 0.000 | 0.000 |
| 167614.078427453390 | 167614.08 | 3908658.24 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.029 | 0.028 | 0.026 | 0.025 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167593.180427453390 | 167593.18 | 3908671.33 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.027 | 0.025 | 0.024 | 0.023 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167572.282427453390 | 167572.28 | 3908684.41 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.024 | 0.023 | 0.022 | 0.021 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167551.384427453390 | 167551.38 | 3908697.49 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.022 | 0.021 | 0.020 | 0.019 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167653.555952718390 | 167653.56 | 3908591.98 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.031 | 0.029 | 0.028 | 0.027 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.000 |
| 167677.770592492390 | 167677.77 | 3908594.27 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.036 | 0.034 | 0.032 | 0.030 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167701.985232266390 | 167701.99 | 3908596.56 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.041 | 0.039 | 0.037 | 0.035 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167726.199872043908 | 167726.20 | 3908598.85 | FENCEGRD | 0.002 | 0.002 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.048 | 0.046 | 0.043 | 0.041 | | | | | | |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 167679.157734928390 | 167679.16 | 3908634.27 | FENCEGRD | 0.071 | 0.067 | 0.063 | 0.060 | 0.004 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 | 0.012 | 0.011 | 0.011 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.50 |
| 167702.441042403390 | 167702.44 | 3908636.48 | FENCEGRD | 0.083 | 0.078 | 0.074 | 0.070 | 0.004 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 | 0.014 | 0.013 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.59 |
| 167725.724349878390 | 167725.72 | 3908638.68 | FENCEGRD | 0.096 | 0.091 | 0.086 | 0.081 | 0.005 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 | 0.016 | 0.015 | 0.014 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.69 |
| 167749.007657354390 | 167749.01 | 3908640.88 | FENCEGRD | 0.109 | 0.105 | 0.100 | 0.095 | 0.005 | 0.032 | 0.002 | 0.002 | 0.002 | 0.002 | 0.018 | 0.018 | 0.017 | 0.016 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.79 |
| 167772.290964829390 | 167772.29 | 3908643.08 | FENCEGRD | 0.117 | 0.113 | 0.109 | 0.105 | 0.006 | 0.037 | 0.002 | 0.002 | 0.002 | 0.002 | 0.020 | 0.019 | 0.018 | 0.018 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.87 |
| 167795.574272304390 | 167795.57 | 3908645.28 | FENCEGRD | 0.124 | 0.120 | 0.115 | 0.112 | 0.006 | 0.042 | 0.002 | 0.002 | 0.002 | 0.002 | 0.021 | 0.020 | 0.019 | 0.019 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.92 |
| 167818.857579779390 | 167818.86 | 3908647.48 | FENCEGRD | 0.133 | 0.128 | 0.124 | 0.121 | 0.006 | 0.049 | 0.002 | 0.002 | 0.002 | 0.002 | 0.022 | 0.021 | 0.021 | 0.020 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 1.00 |
| 167842.140887255390 | 167842.14 | 3908649.68 | FENCEGRD | 0.142 | 0.138 | 0.134 | 0.131 | 0.007 | 0.056 | 0.003 | 0.003 | 0.003 | 0.003 | 0.024 | 0.023 | 0.022 | 0.022 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 | 1.08 |
| 167865.424194733908 | 167865.42 | 3908651.88 | FENCEGRD | 0.150 | 0.147 | 0.143 | 0.140 | 0.007 | 0.063 | 0.003 | 0.003 | 0.003 | 0.003 | 0.025 | 0.025 | 0.024 | 0.023 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 | 1.16 |
| 167888.707502205390 | 167888.71 | 3908654.08 | FENCEGRD | 0.157 | 0.154 | 0.151 | 0.148 | 0.007 | 0.070 | 0.003 | 0.003 | 0.003 | 0.003 | 0.026 | 0.026 | 0.025 | 0.025 | 0.001 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 | 1.22 |
| 167911.990809683908 | 167911.99 | 3908656.28 | FENCEGRD | 0.164 | 0.161 | 0.158 | 0.156 | 0.008 | 0.076 | 0.003 | 0.003 | 0.003 | 0.003 | 0.027 | 0.027 | 0.026 | 0.026 | 0.001 | 0.013 | 0.001 | 0.001 | 0.000 | 0.000 | 1.29 |
| 167935.274117156390 | 167935.27 | 3908658.48 | FENCEGRD | 0.172 | 0.169 | 0.167 | 0.164 | 0.008 | 0.082 | 0.003 | 0.003 | 0.003 | 0.003 | 0.029 | 0.028 | 0.028 | 0.027 | 0.001 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 1.36 |
| 167974.321347183390 | 167974.32 | 3908752.89 | FENCEGRD | 0.248 | 0.246 | 0.244 | 0.242 | 0.011 | 0.101 | 0.005 | 0.005 | 0.005 | 0.004 | 0.041 | 0.041 | 0.041 | 0.040 | 0.002 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 | 1.95 |
| 167978.262327821390 | 167978.26 | 3908775.95 | FENCEGRD | 0.261 | 0.260 | 0.259 | 0.257 | 0.012 | 0.095 | 0.005 | 0.005 | 0.005 | 0.005 | 0.043 | 0.043 | 0.043 | 0.043 | 0.002 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 2.03 |
| 167982.203308459390 | 167982.20 | 3908799.00 | FENCEGRD | 0.270 | 0.271 | 0.272 | 0.272 | 0.012 | 0.088 | 0.005 | 0.005 | 0.005 | 0.005 | 0.045 | 0.045 | 0.045 | 0.045 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 2.11 |
| 167986.144289097390 | 167986.14 | 3908822.05 | FENCEGRD | 0.275 | 0.278 | 0.281 | 0.283 | 0.013 | 0.080 | 0.005 | 0.005 | 0.005 | 0.005 | 0.046 | 0.046 | 0.047 | 0.047 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 2.16 |
| 167990.085269735390 | 167990.09 | 3908845.10 | FENCEGRD | 0.276 | 0.281 | 0.286 | 0.290 | 0.013 | 0.073 | 0.005 | 0.005 | 0.005 | 0.005 | 0.046 | 0.047 | 0.048 | 0.048 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 | 2.17 |
| 167994.026250373390 | 167994.03 | 3908868.16 | FENCEGRD | 0.271 | 0.278 | 0.285 | 0.291 | 0.014 | 0.066 | 0.005 | 0.005 | 0.005 | 0.005 | 0.045 | 0.046 | 0.048 | 0.049 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 | 2.15 |
| 167997.967231011390 | 167997.97 | 3908891.21 | FENCEGRD | 0.261 | 0.270 | 0.279 | 0.287 | 0.014 | 0.060 | 0.005 | 0.005 | 0.005 | 0.005 | 0.044 | 0.045 | 0.047 | 0.048 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 | 2.09 |
| 168001.908211649390 | 168001.91 | 3908914.26 | FENCEGRD | 0.246 | 0.256 | 0.267 | 0.276 | 0.015 | 0.053 | 0.005 | 0.005 | 0.005 | 0.005 | 0.041 | 0.043 | 0.045 | 0.046 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 1.98 |
| 168005.849192287390 | 168005.85 | 3908937.31 | FENCEGRD | 0.224 | 0.235 | 0.247 | 0.258 | 0.015 | 0.048 | 0.005 | 0.005 | 0.005 | 0.005 | 0.037 | 0.039 | 0.041 | 0.043 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 1.83 |
| 167655.874427453390 | 167655.87 | 3908632.07 | FENCEGRD | 0.061 | 0.058 | 0.055 | 0.052 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 0.010 | 0.010 | 0.009 | 0.009 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.43 |
| 167634.976427453390 | 167634.98 | 3908645.16 | FENCEGRD | 0.056 | 0.053 | 0.050 | 0.048 | 0.003 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.009 | 0.008 | 0.008 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.39 |
| 167614.078427453390 | 167614.08 | 3908658.24 | FENCEGRD | 0.051 | 0.049 | 0.046 | 0.044 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.008 | 0.008 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.36 |
| 167593.180427453390 | 167593.18 | 3908671.33 | FENCEGRD | 0.047 | 0.045 | 0.043 | 0.041 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.008 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.33 |
| 167572.282427453390 | 167572.28 | 3908684.41 | FENCEGRD | 0.043 | 0.041 | 0.039 | 0.037 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.007 | 0.006 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.30 |
| 167551.384427453390 | 167551.38 | 3908697.49 | FENCEGRD | 0.039 | 0.037 | 0.035 | 0.033 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.27 |
| 167653.555952718390 | 167653.56 | 3908591.98 | FENCEGRD | 0.055 | 0.052 | 0.049 | 0.047 | 0.003 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.009 | 0.008 | 0.008 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.39 |
| 167677.770592492390 | 167677.77 | 3908594.27 | FENCEGRD | 0.063 | 0.060 | 0.057 | 0.054 | 0.003 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 0.011 | 0.010 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.45 |
| 167701.985232266390 | 167701.99 | 390 | | | | | | | | | | | | | | | | | | | | | | |

Project Cancer Risk

| XY | | | | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167842.636121442390 | 167842.64 | 3908530.11 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.053 | 0.052 | 0.050 | 0.049 | 0.003 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167866.850761216390 | 167866.85 | 3908532.40 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.057 | 0.055 | 0.054 | 0.053 | 0.003 | 0.023 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167891.065400991390 | 167891.07 | 3908534.69 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.060 | 0.059 | 0.058 | 0.057 | 0.003 | 0.026 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167915.280040765390 | 167915.28 | 3908536.98 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.063 | 0.062 | 0.061 | 0.060 | 0.003 | 0.028 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167939.494680539390 | 167939.49 | 3908539.27 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.066 | 0.065 | 0.064 | 0.063 | 0.004 | 0.030 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167963.709320314390 | 167963.71 | 3908541.56 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.069 | 0.068 | 0.067 | 0.066 | 0.004 | 0.032 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167987.923960088390 | 167987.92 | 3908543.84 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.072 | 0.071 | 0.070 | 0.069 | 0.004 | 0.035 | 0.002 | 0.002 | 0.001 | 0.001 |
| 168012.138599862390 | 168012.14 | 3908546.13 | FENCEGRD | 0.003 | 0.003 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.076 | 0.076 | 0.075 | 0.073 | 0.004 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168036.353239637390 | 168036.35 | 3908548.42 | FENCEGRD | 0.003 | 0.003 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.079 | 0.077 | 0.075 | 0.074 | 0.004 | 0.042 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168064.666499274390 | 168064.67 | 3908574.69 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.086 | 0.085 | 0.083 | 0.082 | 0.005 | 0.046 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168068.765119138390 | 168068.77 | 3908598.66 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.092 | 0.091 | 0.090 | 0.089 | 0.005 | 0.048 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168072.863739001390 | 168072.86 | 3908622.64 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.098 | 0.097 | 0.097 | 0.095 | 0.005 | 0.050 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168076.962358865390 | 168076.96 | 3908646.61 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.105 | 0.104 | 0.103 | 0.102 | 0.006 | 0.051 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168081.060978728390 | 168081.06 | 3908670.58 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.111 | 0.110 | 0.110 | 0.109 | 0.006 | 0.051 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168085.159598592390 | 168085.16 | 3908694.56 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.115 | 0.115 | 0.115 | 0.115 | 0.006 | 0.049 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168089.258218455390 | 168089.26 | 3908718.53 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.119 | 0.120 | 0.120 | 0.006 | 0.046 | 0.002 | 0.003 | 0.003 | 0.003 |
| 168093.356838318390 | 168093.36 | 3908742.51 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.120 | 0.121 | 0.123 | 0.124 | 0.007 | 0.043 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168097.455458182390 | 168097.46 | 3908766.48 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.121 | 0.123 | 0.125 | 0.126 | 0.007 | 0.040 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168101.554078045390 | 168101.55 | 3908790.46 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.120 | 0.123 | 0.126 | 0.128 | 0.007 | 0.036 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168105.652697909390 | 168105.65 | 3908814.43 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.118 | 0.121 | 0.125 | 0.127 | 0.007 | 0.033 | 0.003 | 0.003 | 0.003 | 0.003 |
| 168109.751317772390 | 168109.75 | 3908838.41 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.114 | 0.118 | 0.121 | 0.125 | 0.007 | 0.030 | 0.002 | 0.003 | 0.003 | 0.003 |
| 168113.849937635390 | 168113.85 | 3908862.38 | FENCEGRD | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.107 | 0.111 | 0.115 | 0.119 | 0.007 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168117.948557499390 | 168117.95 | 3908886.36 | FENCEGRD | 0.003 | 0.003 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.100 | 0.104 | 0.109 | 0.113 | 0.007 | 0.024 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168122.047177362390 | 168122.05 | 3908910.33 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.090 | 0.094 | 0.099 | 0.103 | 0.007 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168126.145797226390 | 168126.15 | 3908934.31 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.079 | 0.083 | 0.088 | 0.092 | 0.007 | 0.019 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168130.244417089390 | 168130.24 | 3908958.28 | FENCEGRD | 0.002 | 0.002 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.069 | 0.072 | 0.076 | 0.080 | 0.007 | 0.017 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168134.343036952390 | 168134.34 | 3908982.26 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.060 | 0.063 | 0.066 | 0.069 | 0.006 | 0.015 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168138.441656816390 | 168138.44 | 3909006.23 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.052 | 0.054 | 0.057 | 0.060 | 0.006 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167576.275083924390 | 167576.28 | 3908504.94 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.020 | 0.019 | 0.018 | 0.018 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167555.377083924390 | 167555.38 | 3908518.02 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.019 | 0.018 | 0.017 | 0.017 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167534.479083924390 | 167534.48 | 3908531.10 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.018 | 0.017 | 0.016 | 0.016 | | | | | | |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 167842.636121442390 | 167842.64 | 3908530.11 | FENCEGRD | 0.094 | 0.091 | 0.089 | 0.087 | 0.005 | 0.036 | 0.002 | 0.002 | 0.002 | 0.002 | 0.016 | 0.015 | 0.015 | 0.014 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.72 |
| 167866.850761216390 | 167866.85 | 3908532.40 | FENCEGRD | 0.101 | 0.098 | 0.096 | 0.094 | 0.005 | 0.041 | 0.002 | 0.002 | 0.002 | 0.002 | 0.017 | 0.016 | 0.016 | 0.016 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.77 |
| 167891.065400991390 | 167891.07 | 3908534.69 | FENCEGRD | 0.107 | 0.105 | 0.102 | 0.100 | 0.006 | 0.045 | 0.002 | 0.002 | 0.002 | 0.002 | 0.018 | 0.017 | 0.017 | 0.017 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 0.83 |
| 167915.280040765390 | 167915.28 | 3908536.98 | FENCEGRD | 0.112 | 0.110 | 0.108 | 0.106 | 0.006 | 0.049 | 0.002 | 0.002 | 0.002 | 0.002 | 0.019 | 0.018 | 0.018 | 0.018 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 0.88 |
| 167939.494680539390 | 167939.49 | 3908539.27 | FENCEGRD | 0.117 | 0.115 | 0.113 | 0.112 | 0.006 | 0.053 | 0.002 | 0.002 | 0.002 | 0.002 | 0.020 | 0.019 | 0.019 | 0.019 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 | 0.92 |
| 167963.709320314390 | 167963.71 | 3908541.56 | FENCEGRD | 0.122 | 0.120 | 0.119 | 0.117 | 0.007 | 0.057 | 0.003 | 0.003 | 0.002 | 0.002 | 0.020 | 0.020 | 0.020 | 0.020 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.97 |
| 167987.923960088390 | 167987.92 | 3908543.84 | FENCEGRD | 0.128 | 0.126 | 0.124 | 0.123 | 0.007 | 0.062 | 0.003 | 0.003 | 0.003 | 0.003 | 0.021 | 0.021 | 0.021 | 0.021 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 1.02 |
| 168012.138599862390 | 168012.14 | 3908546.13 | FENCEGRD | 0.135 | 0.134 | 0.132 | 0.130 | 0.007 | 0.069 | 0.003 | 0.003 | 0.003 | 0.003 | 0.023 | 0.022 | 0.022 | 0.022 | 0.001 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 | 1.08 |
| 168036.353239637390 | 168036.35 | 3908548.42 | FENCEGRD | 0.139 | 0.136 | 0.133 | 0.130 | 0.007 | 0.074 | 0.003 | 0.003 | 0.003 | 0.003 | 0.023 | 0.023 | 0.022 | 0.022 | 0.001 | 0.012 | 0.001 | 0.000 | 0.000 | 0.000 | 1.11 |
| 168064.666499274390 | 168064.67 | 3908574.69 | FENCEGRD | 0.153 | 0.151 | 0.148 | 0.145 | 0.008 | 0.081 | 0.003 | 0.003 | 0.003 | 0.003 | 0.025 | 0.025 | 0.025 | 0.024 | 0.001 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 1.22 |
| 168068.765119138390 | 168068.77 | 3908598.66 | FENCEGRD | 0.163 | 0.161 | 0.159 | 0.157 | 0.009 | 0.085 | 0.004 | 0.004 | 0.004 | 0.004 | 0.027 | 0.027 | 0.027 | 0.026 | 0.001 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 1.31 |
| 168072.863739001390 | 168072.86 | 3908622.64 | FENCEGRD | 0.174 | 0.173 | 0.171 | 0.169 | 0.009 | 0.088 | 0.004 | 0.004 | 0.004 | 0.004 | 0.029 | 0.029 | 0.029 | 0.028 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 1.40 |
| 168076.962358865390 | 168076.96 | 3908646.61 | FENCEGRD | 0.186 | 0.185 | 0.183 | 0.180 | 0.010 | 0.091 | 0.004 | 0.004 | 0.004 | 0.004 | 0.031 | 0.031 | 0.031 | 0.030 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 1.49 |
| 168081.060978728390 | 168081.06 | 3908670.58 | FENCEGRD | 0.196 | 0.196 | 0.195 | 0.193 | 0.010 | 0.090 | 0.004 | 0.004 | 0.004 | 0.004 | 0.033 | 0.033 | 0.032 | 0.032 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 1.57 |
| 168085.159598592390 | 168085.16 | 3908694.56 | FENCEGRD | 0.204 | 0.204 | 0.205 | 0.204 | 0.011 | 0.087 | 0.004 | 0.004 | 0.004 | 0.004 | 0.034 | 0.034 | 0.034 | 0.034 | 0.002 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 1.63 |
| 168089.258218455390 | 168089.26 | 3908718.53 | FENCEGRD | 0.210 | 0.211 | 0.212 | 0.213 | 0.011 | 0.081 | 0.004 | 0.004 | 0.004 | 0.004 | 0.035 | 0.035 | 0.035 | 0.035 | 0.002 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 1.67 |
| 168093.356838318390 | 168093.36 | 3908742.51 | FENCEGRD | 0.213 | 0.215 | 0.218 | 0.219 | 0.012 | 0.076 | 0.004 | 0.004 | 0.005 | 0.005 | 0.036 | 0.036 | 0.036 | 0.037 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 1.70 |
| 168097.455458182390 | 168097.46 | 3908766.48 | FENCEGRD | 0.214 | 0.217 | 0.221 | 0.223 | 0.012 | 0.070 | 0.005 | 0.005 | 0.005 | 0.005 | 0.036 | 0.036 | 0.037 | 0.037 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 | 1.71 |
| 168101.554078045390 | 168101.55 | 3908790.46 | FENCEGRD | 0.213 | 0.218 | 0.222 | 0.226 | 0.012 | 0.065 | 0.005 | 0.005 | 0.005 | 0.005 | 0.036 | 0.036 | 0.037 | 0.038 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 | 1.71 |
| 168105.652697909390 | 168105.65 | 3908814.43 | FENCEGRD | 0.210 | 0.215 | 0.221 | 0.225 | 0.013 | 0.059 | 0.005 | 0.005 | 0.005 | 0.005 | 0.035 | 0.036 | 0.037 | 0.038 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 | 1.68 |
| 168109.751317772390 | 168109.75 | 3908838.41 | FENCEGRD | 0.202 | 0.208 | 0.215 | 0.221 | 0.013 | 0.054 | 0.004 | 0.004 | 0.005 | 0.005 | 0.034 | 0.035 | 0.036 | 0.037 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 1.63 |
| 168113.849937635390 | 168113.85 | 3908862.38 | FENCEGRD | 0.190 | 0.197 | 0.204 | 0.211 | 0.013 | 0.048 | 0.004 | 0.004 | 0.004 | 0.004 | 0.032 | 0.033 | 0.034 | 0.035 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 1.54 |
| 168117.948557499390 | 168117.95 | 3908886.36 | FENCEGRD | 0.177 | 0.184 | 0.192 | 0.199 | 0.013 | 0.043 | 0.004 | 0.004 | 0.004 | 0.004 | 0.030 | 0.031 | 0.032 | 0.033 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 1.44 |
| 168122.047177362390 | 168122.05 | 3908910.33 | FENCEGRD | 0.160 | 0.167 | 0.175 | 0.183 | 0.013 | 0.039 | 0.004 | 0.004 | 0.004 | 0.004 | 0.027 | 0.028 | 0.029 | 0.031 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 | 1.31 |
| 168126.145797226390 | 168126.15 | 3908934.31 | FENCEGRD | 0.140 | 0.147 | 0.155 | 0.163 | 0.012 | 0.034 | 0.003 | 0.003 | 0.004 | 0.004 | 0.023 | 0.025 | 0.026 | 0.027 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 | 1.17 |
| 168130.244417089390 | 168130.24 | 3908958.28 | FENCEGRD | 0.122 | 0.128 | 0.135 | 0.142 | 0.012 | 0.031 | 0.003 | 0.003 | 0.003 | 0.003 | 0.020 | 0.021 | 0.023 | 0.024 | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 1.02 |
| 168134.343036952390 | 168134.34 | 3908982.26 | FENCEGRD | 0.106 | 0.111 | 0.117 | 0.123 | 0.011 | 0.027 | 0.003 | 0.003 | 0.003 | 0.003 | 0.018 | 0.018 | 0.020 | 0.020 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.89 |
| 168138.441656816390 | 168138.44 | 3909006.23 | FENCEGRD | 0.092 | 0.096 | 0.101 | 0.106 | 0.010 | 0.025 | 0.002 | 0.002 | 0.002 | 0.003 | 0.015 | 0.016 | 0.017 | 0.018 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.77 |
| 167576.275083924390 | 167576.28 | 3908504.94 | FENCEGRD | 0.035 | 0.034 | 0.033 | 0.032 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.26 |
| 167555.377083924390 | 167555.38 | 390 | | | | | | | | | | | | | | | | | | | | | | |

Project Cancer Risk

| XY | | | | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168185.955527351390 | 168185.96 | 3908813.04 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.094 | 0.097 | 0.100 | 0.102 | 0.007 | 0.027 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168190.054147215390 | 168190.05 | 3908837.02 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.088 | 0.091 | 0.095 | 0.098 | 0.007 | 0.024 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168194.152767078390 | 168194.15 | 3908860.99 | FENCEGRD | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.082 | 0.085 | 0.089 | 0.092 | 0.006 | 0.022 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168198.251386942390 | 168198.25 | 3908884.97 | FENCEGRD | 0.002 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.075 | 0.078 | 0.082 | 0.085 | 0.006 | 0.020 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168202.350006805390 | 168202.35 | 3908908.94 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.066 | 0.069 | 0.072 | 0.076 | 0.006 | 0.018 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168206.448626668390 | 168206.45 | 3908932.92 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.058 | 0.060 | 0.063 | 0.066 | 0.006 | 0.016 | 0.002 | 0.002 | 0.002 | 0.002 |
| 168210.547246532390 | 168210.55 | 3908956.89 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.051 | 0.053 | 0.056 | 0.059 | 0.005 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168214.645866395390 | 168214.65 | 3908980.87 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.046 | 0.048 | 0.050 | 0.052 | 0.005 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168218.744486259390 | 168218.74 | 3909004.84 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.041 | 0.043 | 0.045 | 0.047 | 0.005 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168222.843106122390 | 168222.84 | 3909028.82 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.037 | 0.038 | 0.040 | 0.042 | 0.004 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168226.941725986390 | 168226.94 | 3909052.79 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.032 | 0.034 | 0.035 | 0.037 | 0.004 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167523.208854905390 | 167523.21 | 3908420.18 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.014 | 0.014 | 0.013 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167502.310854905390 | 167502.31 | 3908433.26 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167481.412854905390 | 167481.41 | 3908446.35 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167460.514854905390 | 167460.51 | 3908459.43 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.013 | 0.013 | 0.012 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167439.616854905390 | 167439.62 | 3908472.51 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.012 | 0.012 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167418.718854905390 | 167418.72 | 3908485.60 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.011 | 0.011 | 0.011 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167494.357265661390 | 167494.36 | 3908337.71 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.009 | 0.009 | 0.009 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167518.571905435390 | 167518.57 | 3908340.00 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.010 | 0.010 | 0.010 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167542.786545209390 | 167542.79 | 3908342.29 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.011 | 0.011 | 0.011 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167567.001184984390 | 167567.00 | 3908344.57 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.012 | 0.012 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167591.215824758390 | 167591.22 | 3908346.86 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.013 | 0.013 | 0.013 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167615.430464532390 | 167615.43 | 3908349.15 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.014 | 0.014 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167639.645104307390 | 167639.65 | 3908351.44 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.015 | 0.015 | 0.014 | 0.014 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167663.859744081390 | 167663.86 | 3908353.73 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.016 | 0.016 | 0.016 | 0.015 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167688.074383855390 | 167688.07 | 3908356.02 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.018 | 0.017 | 0.017 | 0.017 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167712.289023633908 | 167712.29 | 3908358.31 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.020 | 0.019 | 0.019 | 0.019 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167736.503663404390 | 167736.50 | 3908360.60 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.022 | 0.022 | 0.021 | 0.021 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167760.718303178390 | 167760.72 | 3908362.88 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.025 | 0.025 | 0.024 | 0.023 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167784.932942953390 | 167784.93 | 3908365.17 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.028 | 0.027 | 0.027 | 0.026 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167809.147582727390 | 167809.15 | 3908367.46 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.031 | 0.030 | 0.029 | 0.028 | | | | | | |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 168185.955527351390 | 168185.96 | 3908813.04 | FENCEGRD | 0.166 | 0.171 | 0.177 | 0.181 | 0.012 | 0.048 | 0.004 | 0.004 | 0.004 | 0.004 | 0.028 | 0.029 | 0.029 | 0.030 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 1.35 |
| 168190.054147215390 | 168190.05 | 3908837.02 | FENCEGRD | 0.156 | 0.162 | 0.168 | 0.173 | 0.012 | 0.043 | 0.004 | 0.004 | 0.004 | 0.004 | 0.026 | 0.027 | 0.028 | 0.029 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 1.28 |
| 168194.152767078390 | 168194.15 | 3908860.99 | FENCEGRD | 0.145 | 0.150 | 0.157 | 0.162 | 0.011 | 0.039 | 0.003 | 0.004 | 0.004 | 0.004 | 0.024 | 0.025 | 0.026 | 0.027 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 1.19 |
| 168198.251386942390 | 168198.25 | 3908884.97 | FENCEGRD | 0.133 | 0.138 | 0.145 | 0.151 | 0.011 | 0.035 | 0.003 | 0.003 | 0.003 | 0.003 | 0.022 | 0.023 | 0.024 | 0.025 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 | 1.10 |
| 168202.350006805390 | 168202.35 | 3908908.94 | FENCEGRD | 0.117 | 0.122 | 0.128 | 0.134 | 0.011 | 0.032 | 0.003 | 0.003 | 0.003 | 0.003 | 0.020 | 0.020 | 0.021 | 0.022 | 0.002 | 0.005 | 0.000 | 0.001 | 0.001 | 0.001 | 0.97 |
| 168206.448626668390 | 168206.45 | 3908932.92 | FENCEGRD | 0.102 | 0.107 | 0.112 | 0.118 | 0.010 | 0.028 | 0.003 | 0.003 | 0.003 | 0.003 | 0.017 | 0.018 | 0.019 | 0.020 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.86 |
| 168210.547246532390 | 168210.55 | 3908956.89 | FENCEGRD | 0.091 | 0.095 | 0.099 | 0.104 | 0.010 | 0.025 | 0.002 | 0.002 | 0.002 | 0.003 | 0.015 | 0.016 | 0.017 | 0.017 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.76 |
| 168214.645866395390 | 168214.65 | 3908980.87 | FENCEGRD | 0.082 | 0.085 | 0.089 | 0.093 | 0.009 | 0.023 | 0.002 | 0.002 | 0.002 | 0.002 | 0.014 | 0.014 | 0.015 | 0.015 | 0.002 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.68 |
| 168218.744486259390 | 168218.74 | 3909004.84 | FENCEGRD | 0.073 | 0.076 | 0.080 | 0.083 | 0.008 | 0.021 | 0.002 | 0.002 | 0.002 | 0.002 | 0.012 | 0.013 | 0.013 | 0.014 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.61 |
| 168222.843106122390 | 168222.84 | 3909028.82 | FENCEGRD | 0.065 | 0.068 | 0.071 | 0.074 | 0.008 | 0.019 | 0.002 | 0.002 | 0.002 | 0.002 | 0.011 | 0.011 | 0.012 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.54 |
| 168226.941725986390 | 168226.94 | 3909052.79 | FENCEGRD | 0.058 | 0.060 | 0.063 | 0.065 | 0.007 | 0.017 | 0.002 | 0.002 | 0.002 | 0.002 | 0.010 | 0.010 | 0.010 | 0.011 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.48 |
| 167523.208854905390 | 167523.21 | 3908420.18 | FENCEGRD | 0.024 | 0.024 | 0.024 | 0.023 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.18 |
| 167502.310854905390 | 167502.31 | 3908433.26 | FENCEGRD | 0.024 | 0.023 | 0.023 | 0.023 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.18 |
| 167481.412854905390 | 167481.41 | 3908446.35 | FENCEGRD | 0.023 | 0.023 | 0.023 | 0.022 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.18 |
| 167460.514854905390 | 167460.51 | 3908459.43 | FENCEGRD | 0.023 | 0.022 | 0.022 | 0.021 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.17 |
| 167439.616854905390 | 167439.62 | 3908472.51 | FENCEGRD | 0.022 | 0.021 | 0.020 | 0.020 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.16 |
| 167418.718854905390 | 167418.72 | 3908485.60 | FENCEGRD | 0.020 | 0.020 | 0.019 | 0.018 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.15 |
| 167494.357265661390 | 167494.36 | 3908337.71 | FENCEGRD | 0.016 | 0.016 | 0.015 | 0.015 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.12 |
| 167518.571905435390 | 167518.57 | 3908340.00 | FENCEGRD | 0.018 | 0.017 | 0.017 | 0.017 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.13 |
| 167542.786545209390 | 167542.79 | 3908342.29 | FENCEGRD | 0.020 | 0.019 | 0.019 | 0.019 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.15 |
| 167567.001184984390 | 167567.00 | 3908344.57 | FENCEGRD | 0.021 | 0.021 | 0.021 | 0.020 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.16 |
| 167591.215824758390 | 167591.22 | 3908346.86 | FENCEGRD | 0.023 | 0.023 | 0.022 | 0.022 | 0.002 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.18 |
| 167615.430464532390 | 167615.43 | 3908349.15 | FENCEGRD | 0.025 | 0.024 | 0.024 | 0.024 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.19 |
| 167639.645104307390 | 167639.65 | 3908351.44 | FENCEGRD | 0.026 | 0.026 | 0.025 | 0.025 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.20 |
| 167663.859744081390 | 167663.86 | 3908353.73 | FENCEGRD | 0.029 | 0.028 | 0.028 | 0.027 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.22 |
| 167688.074383855390 | 167688.07 | 3908356.02 | FENCEGRD | 0.032 | 0.031 | 0.030 | 0.030 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.24 |
| 167712.289023633908 | 167712.29 | 3908358.31 | FENCEGRD | 0.035 | 0.034 | 0.034 | 0.033 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.27 |
| 167736.503663404390 | 167736.50 | 3908360.60 | FENCEGRD | 0.040 | 0.039 | 0.038 | 0.037 | 0.003 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.30 |
| 167760.718303178390 | 167760.72 | 3908362.88 | FENCEGRD | 0.045 | 0.044 | 0.043 | 0.042 | 0.003 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.34 |
| 167784.932942953390 | 167784.93 | 390 | | | | | | | | | | | | | | | | | | | | | | |

Project Cancer Risk

| XY | X | Y | REC TYPE | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168303.145935565390 | 168303.15 | 3909027.42 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.028 | 0.029 | 0.030 | 0.031 | 0.003 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168307.244555429390 | 168307.24 | 3909051.40 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.025 | 0.026 | 0.027 | 0.028 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168311.343175292390 | 168311.34 | 3909075.37 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.022 | 0.023 | 0.024 | 0.025 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168315.441795156390 | 168315.44 | 3909099.35 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.020 | 0.021 | 0.021 | 0.022 | 0.003 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167470.142625886390 | 167470.14 | 3908335.42 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167449.244625886390 | 167449.24 | 3908348.50 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167428.346625886390 | 167428.35 | 3908361.59 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.008 | 0.008 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167407.448625886390 | 167407.45 | 3908374.67 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.008 | 0.008 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167386.550625886390 | 167386.55 | 3908387.76 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167365.652625886390 | 167365.65 | 3908400.84 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167441.291036642390 | 167441.29 | 3908252.95 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167465.505676416390 | 167465.51 | 3908255.24 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.007 | 0.007 | 0.006 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167489.720316193908 | 167489.72 | 3908257.53 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167513.934955965390 | 167513.93 | 3908259.82 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167538.149595739390 | 167538.15 | 3908262.11 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.010 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167562.364235513390 | 167562.36 | 3908264.39 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.011 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167586.578875288390 | 167586.58 | 3908266.68 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.012 | 0.011 | 0.011 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167610.793515062390 | 167610.79 | 3908268.97 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.012 | 0.012 | 0.012 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167635.008154836390 | 167635.01 | 3908271.26 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167659.222794611390 | 167659.22 | 3908273.55 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.014 | 0.014 | 0.014 | 0.014 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167683.437434385390 | 167683.44 | 3908275.84 | FENCEGRD | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.016 | 0.015 | 0.015 | 0.015 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167707.652074159390 | 167707.65 | 3908278.13 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.017 | 0.017 | 0.016 | 0.016 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167731.866713934390 | 167731.87 | 3908280.41 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.018 | 0.018 | 0.018 | 0.017 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167756.081353708390 | 167756.08 | 3908282.70 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.020 | 0.020 | 0.019 | 0.019 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167780.295993482390 | 167780.30 | 3908284.99 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.022 | 0.022 | 0.021 | 0.021 | 0.002 | 0.008 | 0.001 | 0.000 | 0.000 | 0.000 |
| 167804.510633257390 | 167804.51 | 3908287.28 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.024 | 0.024 | 0.023 | 0.023 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167828.725273031390 | 167828.73 | 3908289.57 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.026 | 0.026 | 0.025 | 0.025 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167852.939912805390 | 167852.94 | 3908291.86 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.028 | 0.028 | 0.027 | 0.026 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167877.154552583908 | 167877.15 | 3908294.15 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.030 | 0.030 | 0.029 | 0.028 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167901.369192354390 | 167901.37 | 3908296.44 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.032 | 0.032 | 0.031 | 0.030 | 0.002 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167925.583832128390 | 167925.58 | 3908298.72 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.034 | 0.034 | 0.033 | 0.032 | | | | | | |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 168303.145935565390 | 168303.15 | 3909027.42 | FENCEGRD | 0.049 | 0.051 | 0.053 | 0.055 | 0.006 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.42 |
| 168307.244555429390 | 168307.24 | 3909051.40 | FENCEGRD | 0.044 | 0.046 | 0.048 | 0.049 | 0.005 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.008 | 0.008 | 0.008 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.37 |
| 168311.343175292390 | 168311.34 | 3909075.37 | FENCEGRD | 0.039 | 0.041 | 0.042 | 0.044 | 0.005 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.33 |
| 168315.441795156390 | 168315.44 | 3909099.35 | FENCEGRD | 0.035 | 0.036 | 0.038 | 0.039 | 0.005 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.30 |
| 167470.142625886390 | 167470.14 | 3908335.42 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.014 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.11 |
| 167449.244625886390 | 167449.24 | 3908348.50 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.11 |
| 167428.346625886390 | 167428.35 | 3908361.59 | FENCEGRD | 0.014 | 0.014 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.10 |
| 167407.448625886390 | 167407.45 | 3908374.67 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.10 |
| 167386.550625886390 | 167386.55 | 3908387.76 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.10 |
| 167365.652625886390 | 167365.65 | 3908400.84 | FENCEGRD | 0.013 | 0.013 | 0.012 | 0.012 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.10 |
| 167441.291036642390 | 167441.29 | 3908252.95 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.08 |
| 167465.505676416390 | 167465.51 | 3908255.24 | FENCEGRD | 0.012 | 0.012 | 0.011 | 0.011 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.09 |
| 167489.720316193908 | 167489.72 | 3908257.53 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.10 |
| 167513.934955965390 | 167513.93 | 3908259.82 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.014 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.11 |
| 167538.149595739390 | 167538.15 | 3908262.11 | FENCEGRD | 0.017 | 0.017 | 0.016 | 0.016 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.13 |
| 167562.364235513390 | 167562.36 | 3908264.39 | FENCEGRD | 0.019 | 0.019 | 0.018 | 0.018 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.14 |
| 167586.578875288390 | 167586.58 | 3908266.68 | FENCEGRD | 0.020 | 0.020 | 0.020 | 0.020 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.16 |
| 167610.793515062390 | 167610.79 | 3908268.97 | FENCEGRD | 0.022 | 0.022 | 0.022 | 0.021 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.17 |
| 167635.008154836390 | 167635.01 | 3908271.26 | FENCEGRD | 0.024 | 0.023 | 0.023 | 0.023 | 0.002 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.18 |
| 167659.222794611390 | 167659.22 | 3908273.55 | FENCEGRD | 0.025 | 0.025 | 0.025 | 0.024 | 0.002 | 0.009 | 0.001 | 0.001 | 0.001 | 0.001 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.20 |
| 167683.437434385390 | 167683.44 | 3908275.84 | FENCEGRD | 0.027 | 0.027 | 0.026 | 0.026 | 0.002 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.21 |
| 167707.652074159390 | 167707.65 | 3908278.13 | FENCEGRD | 0.030 | 0.029 | 0.029 | 0.028 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.23 |
| 167731.866713934390 | 167731.87 | 3908280.41 | FENCEGRD | 0.033 | 0.032 | 0.031 | 0.031 | 0.002 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.25 |
| 167756.081353708390 | 167756.08 | 3908282.70 | FENCEGRD | 0.036 | 0.035 | 0.034 | 0.033 | 0.002 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.27 |
| 167780.295993482390 | 167780.30 | 3908284.99 | FENCEGRD | 0.039 | 0.038 | 0.037 | 0.037 | 0.003 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.30 |
| 167804.510633257390 | 167804.51 | 3908287.28 | FENCEGRD | 0.043 | 0.042 | 0.041 | 0.040 | 0.003 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.33 |
| 167828.725273031390 | 167828.73 | 3908289.57 | FENCEGRD | 0.046 | 0.045 | 0.044 | 0.044 | 0.003 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.008 | 0.007 | 0.007 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.36 |
| 167852.939912805390 | 167852.94 | 3908291.86 | FENCEGRD | 0.050 | 0.049 | 0.048 | 0.047 | 0.003 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.39 |
| 167877.154552583908 | 167877.15 | 3908294.15 | FENCEGRD | 0.054 | 0.052 | 0.051 | 0.050 | 0.004 | 0.023 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.009 | 0.009 | 0.008 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.42 |
| 167901.369192354390 | 167901.37 | 390 | | | | | | | | | | | | | | | | | | | | | | |

Project Cancer Risk

| | | | | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 168379.350145145390 | 168379.35 | 3909002.06 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.024 | 0.025 | 0.026 | 0.027 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168383.448765008390 | 168383.45 | 3909026.03 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.021 | 0.022 | 0.023 | 0.024 | 0.003 | 0.008 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168387.547384872390 | 168387.55 | 3909050.01 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.019 | 0.020 | 0.020 | 0.021 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168391.646004735390 | 168391.65 | 3909073.98 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.017 | 0.017 | 0.018 | 0.019 | 0.002 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168395.744624599390 | 168395.74 | 3909097.96 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.015 | 0.016 | 0.016 | 0.017 | 0.002 | 0.006 | 0.001 | 0.001 | 0.001 | 0.001 |
| 168399.843244462390 | 168399.84 | 3909121.93 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.014 | 0.014 | 0.015 | 0.015 | 0.002 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168403.941864325390 | 168403.94 | 3909145.91 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.013 | 0.013 | 0.013 | 0.014 | 0.002 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167417.076396867390 | 167417.08 | 3908250.66 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167396.178396867390 | 167396.18 | 3908263.75 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167375.280396867390 | 167375.28 | 3908276.83 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167354.382396867390 | 167354.38 | 3908289.91 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167333.484396867390 | 167333.48 | 3908303.00 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167312.586396867390 | 167312.59 | 3908316.08 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167640.127983382390 | 167640.13 | 3908885.50 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.069 | 0.062 | 0.056 | 0.051 | 0.003 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167628.894347019390 | 167628.89 | 3908906.15 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.064 | 0.058 | 0.052 | 0.047 | 0.003 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167617.660710655390 | 167617.66 | 3908926.80 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.058 | 0.052 | 0.046 | 0.042 | 0.003 | 0.029 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167618.166975073390 | 167618.17 | 3908873.55 | FENCEGRD | 0.002 | 0.002 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.051 | 0.047 | 0.043 | 0.040 | 0.002 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167606.933338713908 | 167606.93 | 3908894.20 | FENCEGRD | 0.002 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.047 | 0.043 | 0.039 | 0.036 | 0.002 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167595.699702346390 | 167595.70 | 3908914.85 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.041 | 0.038 | 0.034 | 0.032 | 0.002 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167584.466065983390 | 167584.47 | 3908935.50 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.035 | 0.031 | 0.028 | 0.026 | 0.002 | 0.025 | 0.001 | 0.001 | 0.000 | 0.000 |
| 167573.232429619390 | 167573.23 | 3908956.15 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.027 | 0.025 | 0.023 | 0.021 | 0.002 | 0.028 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167607.798568173908 | 167607.80 | 3908849.28 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.043 | 0.040 | 0.037 | 0.034 | 0.002 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167584.972330401390 | 167584.97 | 3908882.26 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.036 | 0.033 | 0.030 | 0.028 | 0.002 | 0.013 | 0.001 | 0.000 | 0.000 | 0.000 |
| 167573.738694037390 | 167573.74 | 3908902.91 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.031 | 0.029 | 0.027 | 0.025 | 0.002 | 0.016 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167562.505057674390 | 167562.51 | 3908923.56 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.026 | 0.025 | 0.023 | 0.022 | 0.002 | 0.019 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167551.271421313908 | 167551.27 | 3908944.21 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.021 | 0.020 | 0.019 | 0.018 | 0.002 | 0.022 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167540.037784946390 | 167540.04 | 3908964.86 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.017 | 0.017 | 0.016 | 0.016 | 0.001 | 0.025 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167528.804148583390 | 167528.80 | 3908985.51 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.015 | 0.015 | 0.015 | 0.015 | 0.001 | 0.027 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167517.570512219390 | 167517.57 | 3909006.16 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.014 | 0.014 | 0.014 | 0.015 | 0.001 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167506.336875855390 | 167506.34 | 3909026.81 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.014 | 0.015 | 0.015 | 0.015 | 0.001 | 0.032 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167495.103239492390 | 167495.10 | 3909047.46 | FENCEGRD | 0.000 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.015 | 0.015 | 0.016 | 0.016 | | | | | | |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 168379.350145145390 | 168379.35 | 3909002.06 | FENCEGRD | 0.043 | 0.044 | 0.046 | 0.047 | 0.005 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.36 |
| 168383.448765008390 | 168383.45 | 3909026.03 | FENCEGRD | 0.038 | 0.039 | 0.041 | 0.042 | 0.005 | 0.014 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.32 |
| 168387.547384872390 | 168387.55 | 3909050.01 | FENCEGRD | 0.033 | 0.035 | 0.036 | 0.038 | 0.004 | 0.013 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.29 |
| 168391.646004735390 | 168391.65 | 3909073.98 | FENCEGRD | 0.030 | 0.031 | 0.032 | 0.033 | 0.004 | 0.012 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 | 0.005 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.26 |
| 168395.744624599390 | 168395.74 | 3909097.96 | FENCEGRD | 0.027 | 0.028 | 0.029 | 0.030 | 0.004 | 0.011 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 | 0.005 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.23 |
| 168399.843244462390 | 168399.84 | 3909121.93 | FENCEGRD | 0.025 | 0.025 | 0.026 | 0.027 | 0.004 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 | 0.004 | 0.004 | 0.004 | 0.005 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.21 |
| 168403.941864325390 | 168403.94 | 3909145.91 | FENCEGRD | 0.022 | 0.023 | 0.024 | 0.025 | 0.003 | 0.010 | 0.001 | 0.001 | 0.001 | 0.001 | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.19 |
| 167417.076396867390 | 167417.08 | 3908250.66 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.07 |
| 167396.178396867390 | 167396.18 | 3908263.75 | FENCEGRD | 0.009 | 0.009 | 0.009 | 0.009 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.07 |
| 167375.280396867390 | 167375.28 | 3908276.83 | FENCEGRD | 0.009 | 0.009 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.07 |
| 167354.382396867390 | 167354.38 | 3908289.91 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.06 |
| 167333.484396867390 | 167333.48 | 3908303.00 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.06 |
| 167312.586396867390 | 167312.59 | 3908316.08 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.06 |
| 167640.127983382390 | 167640.13 | 3908885.50 | FENCEGRD | 0.122 | 0.111 | 0.099 | 0.091 | 0.005 | 0.038 | 0.002 | 0.002 | 0.001 | 0.001 | 0.020 | 0.018 | 0.017 | 0.015 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.83 |
| 167628.894347019390 | 167628.89 | 3908906.15 | FENCEGRD | 0.114 | 0.103 | 0.092 | 0.084 | 0.005 | 0.045 | 0.002 | 0.001 | 0.001 | 0.001 | 0.019 | 0.017 | 0.015 | 0.014 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.78 |
| 167617.660710655390 | 167617.66 | 3908926.80 | FENCEGRD | 0.103 | 0.092 | 0.081 | 0.074 | 0.005 | 0.052 | 0.001 | 0.001 | 0.001 | 0.001 | 0.017 | 0.015 | 0.014 | 0.012 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 | 0.72 |
| 167618.166975073390 | 167618.17 | 3908873.55 | FENCEGRD | 0.090 | 0.083 | 0.075 | 0.070 | 0.004 | 0.027 | 0.001 | 0.001 | 0.001 | 0.001 | 0.015 | 0.014 | 0.013 | 0.012 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.62 |
| 167606.933338713908 | 167606.93 | 3908894.20 | FENCEGRD | 0.083 | 0.076 | 0.069 | 0.064 | 0.004 | 0.032 | 0.001 | 0.001 | 0.001 | 0.001 | 0.014 | 0.013 | 0.012 | 0.011 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.58 |
| 167595.699702346390 | 167595.70 | 3908914.85 | FENCEGRD | 0.073 | 0.067 | 0.061 | 0.056 | 0.004 | 0.038 | 0.001 | 0.001 | 0.001 | 0.001 | 0.012 | 0.011 | 0.010 | 0.009 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.53 |
| 167584.466065983390 | 167584.47 | 3908935.50 | FENCEGRD | 0.061 | 0.056 | 0.050 | 0.047 | 0.004 | 0.043 | 0.001 | 0.001 | 0.001 | 0.001 | 0.010 | 0.009 | 0.008 | 0.008 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.46 |
| 167573.232429619390 | 167573.23 | 3908956.15 | FENCEGRD | 0.048 | 0.044 | 0.040 | 0.038 | 0.003 | 0.049 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.007 | 0.007 | 0.006 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 0.40 |
| 167607.798568173908 | 167607.80 | 3908849.28 | FENCEGRD | 0.076 | 0.070 | 0.065 | 0.061 | 0.004 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 | 0.013 | 0.012 | 0.011 | 0.010 | 0.001 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.52 |
| 167584.972330401390 | 167584.97 | 3908882.26 | FENCEGRD | 0.064 | 0.059 | 0.054 | 0.050 | 0.003 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 | 0.011 | 0.010 | 0.009 | 0.008 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.45 |
| 167573.738694037390 | 167573.74 | 3908902.91 | FENCEGRD | 0.056 | 0.052 | 0.047 | 0.045 | 0.003 | 0.028 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.009 | 0.008 | 0.007 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.41 |
| 167562.505057674390 | 167562.51 | 3908923.56 | FENCEGRD | 0.047 | 0.043 | 0.040 | 0.038 | 0.003 | 0.034 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.007 | 0.007 | 0.006 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.36 |
| 167551.271421313908 | 167551.27 | 3908944.21 | FENCEGRD | 0.038 | 0.036 | 0.034 | 0.033 | 0.003 | 0.039 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.005 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.32 |
| 167540.037784946390 | 167540.04 | 3908964.86 | FENCEGRD | 0.031 | 0.030 | 0.029 | 0.028 | 0.003 | 0.044 | 0.001 | 0.001 | 0.001 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.29 |
| 167528.804148583390 | 167528.80 | 3908985.51 | FENCEGRD | 0.026 | 0.026 | 0.026 | 0.026 | 0.002 | 0.048 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 0.28 |
| 167517.570512219390 | 167517.57 | 3909006.16 | FENCEGRD | 0.025 | 0.025 | 0.026 | 0.026 | 0.002 | 0.053 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 | 0.28 |
| 167506.336875855390 | 167506.34 | 390 | | | | | | | | | | | | | | | | | | | | | | |

[illegible]

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 167409.284263933908 | 167409.28 | 3908786.69 | FENCEGRD | 0.020 | 0.019 | 0.019 | 0.018 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.15 |
| 167398.050627566390 | 167398.05 | 3908807.34 | FENCEGRD | 0.019 | 0.019 | 0.019 | 0.018 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.15 |
| 167386.816991203390 | 167386.82 | 3908827.99 | FENCEGRD | 0.020 | 0.020 | 0.019 | 0.019 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.15 |
| 167375.583354839390 | 167375.58 | 3908848.64 | FENCEGRD | 0.021 | 0.020 | 0.020 | 0.020 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.16 |
| 167364.349718476390 | 167364.35 | 3908869.29 | FENCEGRD | 0.022 | 0.021 | 0.021 | 0.021 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.17 |
| 167353.116082112390 | 167353.12 | 3908889.94 | FENCEGRD | 0.023 | 0.023 | 0.022 | 0.022 | 0.001 | 0.015 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.19 |
| 167341.882445748390 | 167341.88 | 3908910.59 | FENCEGRD | 0.024 | 0.024 | 0.023 | 0.023 | 0.001 | 0.017 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.20 |
| 167330.648809385390 | 167330.65 | 3908931.24 | FENCEGRD | 0.025 | 0.025 | 0.024 | 0.024 | 0.001 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.21 |
| 167319.415173021390 | 167319.42 | 3908951.89 | FENCEGRD | 0.027 | 0.026 | 0.026 | 0.025 | 0.001 | 0.022 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.22 |
| 167308.181536657390 | 167308.18 | 3908972.54 | FENCEGRD | 0.029 | 0.029 | 0.028 | 0.028 | 0.001 | 0.025 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.25 |
| 167296.947900294390 | 167296.95 | 3908993.19 | FENCEGRD | 0.033 | 0.033 | 0.032 | 0.031 | 0.001 | 0.028 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.005 | 0.005 | 0.005 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.28 |
| 167348.130668932390 | 167348.13 | 3908701.82 | FENCEGRD | 0.016 | 0.015 | 0.015 | 0.015 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.12 |
| 167379.044272683908 | 167379.04 | 3908668.95 | FENCEGRD | 0.017 | 0.016 | 0.016 | 0.015 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.12 |
| 167394.501074554390 | 167394.50 | 3908652.52 | FENCEGRD | 0.018 | 0.017 | 0.017 | 0.016 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.13 |
| 167409.957876428390 | 167409.96 | 3908636.09 | FENCEGRD | 0.019 | 0.018 | 0.017 | 0.017 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.13 |
| 167440.871480176390 | 167440.87 | 3908603.22 | FENCEGRD | 0.021 | 0.020 | 0.020 | 0.019 | 0.001 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.15 |
| 167456.328282053908 | 167456.33 | 3908586.79 | FENCEGRD | 0.023 | 0.022 | 0.021 | 0.020 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.16 |
| 167332.673867058390 | 167332.67 | 3908718.25 | FENCEGRD | 0.016 | 0.015 | 0.015 | 0.015 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.12 |
| 167321.440230695390 | 167321.44 | 3908738.90 | FENCEGRD | 0.016 | 0.015 | 0.015 | 0.015 | 0.001 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.12 |
| 167310.206594331390 | 167310.21 | 3908759.55 | FENCEGRD | 0.016 | 0.016 | 0.016 | 0.015 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.12 |
| 167298.972957967390 | 167298.97 | 3908780.20 | FENCEGRD | 0.017 | 0.017 | 0.016 | 0.016 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.13 |
| 167287.739321604390 | 167287.74 | 3908800.85 | FENCEGRD | 0.018 | 0.017 | 0.017 | 0.017 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.14 |
| 167276.505685243908 | 167276.51 | 3908821.50 | FENCEGRD | 0.018 | 0.018 | 0.018 | 0.017 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.14 |
| 167265.272048877390 | 167265.27 | 3908842.15 | FENCEGRD | 0.019 | 0.019 | 0.018 | 0.018 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.15 |
| 167254.038412513390 | 167254.04 | 3908862.81 | FENCEGRD | 0.020 | 0.019 | 0.019 | 0.019 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.16 |
| 167242.804776149390 | 167242.80 | 3908883.46 | FENCEGRD | 0.020 | 0.020 | 0.020 | 0.019 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.16 |
| 167231.571139786390 | 167231.57 | 3908904.11 | FENCEGRD | 0.021 | 0.021 | 0.021 | 0.020 | 0.001 | 0.015 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.17 |
| 167220.337503422390 | 167220.34 | 3908924.76 | FENCEGRD | 0.023 | 0.023 | 0.022 | 0.022 | 0.001 | 0.017 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.19 |
| 167209.103867058390 | 167209.10 | 3908945.41 | FENCEGRD | 0.026 | 0.025 | 0.024 | 0.024 | 0.001 | 0.019 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.21 |
| 167260.637926649390 | 167260.64 | 390 | | | | | | | | | | | | | | | | | | | | | | |

Project Cancer Risk

| XY | X | Y | REC TYPE | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167067.116709678390 | 167067.12 | 3908787.89 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.008 | 0.008 | 0.008 | 0.007 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167055.883073315390 | 167055.88 | 3908808.54 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.008 | 0.008 | 0.008 | 0.008 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167044.649436951390 | 167044.65 | 3908829.19 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.009 | 0.008 | 0.008 | 0.008 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167033.415800587390 | 167033.42 | 3908849.84 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.009 | 0.009 | 0.009 | 0.009 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167084.357056697390 | 167084.36 | 3908558.72 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.007 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167114.787635386390 | 167114.79 | 3908526.37 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167145.218214076390 | 167145.22 | 3908494.01 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167175.648792765390 | 167175.65 | 3908461.66 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167206.079371454390 | 167206.08 | 3908429.31 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167236.509950144390 | 167236.51 | 3908396.96 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.003 | 0.003 | 0.003 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167266.940528833390 | 167266.94 | 3908364.61 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167057.908130988390 | 167057.91 | 3908595.54 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167046.674494625390 | 167046.67 | 3908616.20 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167035.440858261390 | 167035.44 | 3908636.85 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167024.207221897390 | 167024.21 | 3908657.50 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167012.973585534390 | 167012.97 | 3908678.15 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167001.739949173908 | 167001.74 | 3908698.80 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166990.506312807390 | 166990.51 | 3908719.45 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166979.272676443390 | 166979.27 | 3908740.10 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.007 | 0.007 | 0.006 | 0.006 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166968.039040079390 | 166968.04 | 3908760.75 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166956.805403716390 | 166956.81 | 3908781.40 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166945.571767352390 | 166945.57 | 3908802.05 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.008 | 0.007 | 0.007 | 0.007 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167371.888474415390 | 167371.89 | 3909070.62 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.033 | 0.032 | 0.031 | 0.030 | 0.000 | 0.028 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167324.488572333390 | 167324.49 | 3909054.72 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.029 | 0.028 | 0.027 | 0.027 | 0.000 | 0.023 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167277.083364552390 | 167277.08 | 3909038.83 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.026 | 0.025 | 0.024 | 0.023 | 0.000 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167287.015632423390 | 167287.02 | 3909016.01 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.022 | 0.021 | 0.021 | 0.020 | 0.000 | 0.018 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167182.264672139090 | 167182.26 | 3909007.07 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.020 | 0.019 | 0.019 | 0.018 | 0.000 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167192.329370213908 | 167192.33 | 3908983.95 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.018 | 0.017 | 0.017 | 0.016 | 0.000 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167087.440283725390 | 167087.44 | 3908975.32 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.016 | 0.015 | 0.015 | 0.015 | 0.000 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167096.458830418390 | 167096.46 | 3908954.60 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.014 | 0.014 | 0.014 | 0.013 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167106.604695447390 | 167106.60 | 3908931.29 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.013 | 0.013 | 0.012 | 0.012 | | | | | | |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 167067.116709678390 | 167067.12 | 3908787.89 | FENCEGRD | 0.014 | 0.014 | 0.013 | 0.013 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.11 |
| 167055.883073315390 | 167055.88 | 3908808.54 | FENCEGRD | 0.014 | 0.014 | 0.014 | 0.014 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.11 |
| 167044.649436951390 | 167044.65 | 3908829.19 | FENCEGRD | 0.015 | 0.015 | 0.015 | 0.014 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.12 |
| 167033.415800587390 | 167033.42 | 3908849.84 | FENCEGRD | 0.016 | 0.016 | 0.016 | 0.015 | 0.001 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 | 0.003 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.13 |
| 167084.357056697390 | 167084.36 | 3908558.72 | FENCEGRD | 0.012 | 0.011 | 0.011 | 0.011 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.09 |
| 167114.787635386390 | 167114.79 | 3908526.37 | FENCEGRD | 0.010 | 0.010 | 0.010 | 0.010 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.08 |
| 167145.218214076390 | 167145.22 | 3908494.01 | FENCEGRD | 0.008 | 0.008 | 0.008 | 0.008 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.06 |
| 167175.648792765390 | 167175.65 | 3908461.66 | FENCEGRD | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.05 |
| 167206.079371454390 | 167206.08 | 3908429.31 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.05 |
| 167236.509950144390 | 167236.51 | 3908396.96 | FENCEGRD | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.05 |
| 167266.940528833390 | 167266.94 | 3908364.61 | FENCEGRD | 0.007 | 0.006 | 0.006 | 0.006 | 0.001 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.05 |
| 167057.908130988390 | 167057.91 | 3908595.54 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.08 |
| 167046.674494625390 | 167046.67 | 3908616.20 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.08 |
| 167035.440858261390 | 167035.44 | 3908636.85 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.08 |
| 167024.207221897390 | 167024.21 | 3908657.50 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.09 |
| 167012.973585534390 | 167012.97 | 3908678.15 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.09 |
| 167001.739949173908 | 167001.74 | 3908698.80 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.09 |
| 166990.506312807390 | 166990.51 | 3908719.45 | FENCEGRD | 0.011 | 0.011 | 0.011 | 0.011 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.09 |
| 166979.272676443390 | 166979.27 | 3908740.10 | FENCEGRD | 0.012 | 0.012 | 0.011 | 0.011 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.09 |
| 166968.039040079390 | 166968.04 | 3908760.75 | FENCEGRD | 0.012 | 0.012 | 0.012 | 0.012 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.09 |
| 166956.805403716390 | 166956.81 | 3908781.40 | FENCEGRD | 0.013 | 0.012 | 0.012 | 0.012 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.10 |
| 166945.571767352390 | 166945.57 | 3908802.05 | FENCEGRD | 0.013 | 0.013 | 0.013 | 0.013 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.11 |
| 167371.888474415390 | 167371.89 | 3909070.62 | FENCEGRD | 0.058 | 0.056 | 0.055 | 0.053 | 0.001 | 0.049 | 0.001 | 0.001 | 0.001 | 0.001 | 0.010 | 0.009 | 0.009 | 0.009 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 0.48 |
| 167324.488572333390 | 167324.49 | 3909054.72 | FENCEGRD | 0.052 | 0.050 | 0.048 | 0.047 | 0.001 | 0.041 | 0.001 | 0.001 | 0.001 | 0.000 | 0.009 | 0.008 | 0.008 | 0.008 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.42 |
| 167277.083364552390 | 167277.08 | 3909038.83 | FENCEGRD | 0.045 | 0.044 | 0.043 | 0.042 | 0.001 | 0.035 | 0.000 | 0.000 | 0.000 | 0.000 | 0.008 | 0.007 | 0.007 | 0.007 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.37 |
| 167287.015632423390 | 167287.02 | 3909016.01 | FENCEGRD | 0.039 | 0.038 | 0.037 | 0.036 | 0.001 | 0.031 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.32 |
| 167182.264672139090 | 167182.26 | 3909007.07 | FENCEGRD | 0.035 | 0.034 | 0.033 | 0.033 | 0.001 | 0.025 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.006 | 0.005 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.28 |
| 167192.329370213908 | 167192.33 | 3908983.95 | FENCEGRD | 0.031 | 0.030 | 0.030 | 0.029 | 0.001 | 0.023 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.25 |
| 167087.440283725390 | 167087.44 | 3908975.32 | FENCEGRD | 0.028 | 0.027 | 0.027 | 0.026 | 0.001 | 0.019 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.23 |
| 167096.458830418390 | 167096.46 | 390 | | | | | | | | | | | | | | | | | | | | | | |

Project Cancer Risk

| XY | X | Y | REC TYPE | 3rd Tri Cancer Risk (per million) | | | | | | | | | | 0<2 Cancer Risk (per million) | | | | | | | | | |
|---------------------|-----------|------------|----------|-----------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 |
| 167063.260423627390 | 167063.26 | 3909116.61 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.035 | 0.034 | 0.033 | 0.032 | 0.001 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167066.950847254390 | 167066.95 | 3909093.95 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.031 | 0.030 | 0.029 | 0.028 | 0.001 | 0.017 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167070.641270881390 | 167070.64 | 3909071.28 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.027 | 0.026 | 0.025 | 0.024 | 0.001 | 0.016 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167074.331694508390 | 167074.33 | 3909048.62 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.024 | 0.023 | 0.022 | 0.021 | 0.000 | 0.015 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167078.022118134390 | 167078.02 | 3909025.96 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.021 | 0.020 | 0.019 | 0.019 | 0.000 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167081.712541761390 | 167081.71 | 3909003.30 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.018 | 0.018 | 0.017 | 0.017 | 0.000 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167059.573909139.27 | 167059.57 | 3909139.27 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.040 | 0.039 | 0.037 | 0.036 | 0.001 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167059.573909162.59 | 167059.57 | 3909162.59 | FENCEGRD | 0.002 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.046 | 0.044 | 0.042 | 0.041 | 0.001 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167059.573909185.91 | 167059.57 | 3909185.91 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.051 | 0.049 | 0.048 | 0.046 | 0.001 | 0.023 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167059.573909209.23 | 167059.57 | 3909209.24 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.056 | 0.054 | 0.052 | 0.051 | 0.001 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167059.573909232.55 | 167059.57 | 3909232.56 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.061 | 0.059 | 0.057 | 0.055 | 0.002 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167059.573909255.87 | 167059.57 | 3909255.88 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.065 | 0.063 | 0.061 | 0.060 | 0.002 | 0.026 | 0.001 | 0.001 | 0.001 | 0.001 |
| 167059.573909279.2 | 167059.57 | 3909279.20 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.070 | 0.068 | 0.065 | 0.064 | 0.002 | 0.027 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166963.014395385390 | 166963.01 | 3909118.12 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.030 | 0.029 | 0.028 | 0.027 | 0.001 | 0.016 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166969.903186155390 | 166969.90 | 3909075.82 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.024 | 0.023 | 0.022 | 0.022 | 0.001 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166976.791976925390 | 166976.79 | 3909033.51 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.019 | 0.019 | 0.018 | 0.018 | 0.000 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166983.680767696390 | 166983.68 | 3908991.21 | FENCEGRD | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.016 | 0.015 | 0.015 | 0.015 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166959.573909162.59 | 166959.57 | 3909162.59 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.037 | 0.035 | 0.034 | 0.033 | 0.001 | 0.018 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166959.573909185.91 | 166959.57 | 3909185.91 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.041 | 0.039 | 0.038 | 0.037 | 0.001 | 0.019 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166959.573909209.23 | 166959.57 | 3909209.24 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.044 | 0.043 | 0.042 | 0.041 | 0.001 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166959.573909232.55 | 166959.57 | 3909232.56 | FENCEGRD | 0.002 | 0.002 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.048 | 0.046 | 0.045 | 0.044 | 0.002 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166959.573909255.87 | 166959.57 | 3909255.88 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.051 | 0.050 | 0.048 | 0.047 | 0.002 | 0.022 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166959.573909279.2 | 166959.57 | 3909279.20 | FENCEGRD | 0.002 | 0.002 | 0.002 | 0.002 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.054 | 0.052 | 0.051 | 0.050 | 0.002 | 0.023 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166863.186615154390 | 166863.19 | 3909117.06 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.025 | 0.024 | 0.023 | 0.023 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166866.803230309390 | 166866.80 | 3909094.85 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.022 | 0.022 | 0.021 | 0.020 | 0.001 | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166874.036460617390 | 166874.04 | 3909050.43 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.018 | 0.018 | 0.017 | 0.017 | 0.001 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166877.653075772390 | 166877.65 | 3909028.22 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.017 | 0.016 | 0.016 | 0.015 | 0.001 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166881.269690926390 | 166881.27 | 3909006.02 | FENCEGRD | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.015 | 0.015 | 0.014 | 0.014 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166884.886306083908 | 166884.89 | 3908983.81 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.014 | 0.014 | 0.013 | 0.013 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166888.502921235390 | 166888.50 | 3908961.60 | FENCEGRD | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.013 | 0.012 | 0.012 | 0.012 | 0.000 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166859.573909139.27 | 166859.57 | 3909139.27 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.027 | 0.026 | 0.025 | 0.025 | 0.001 | 0.014 | 0.001 | 0.000 | 0.000 | 0.000 |
| 166859.573909162.59 | 166859.57 | 3909162.59 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.030 | 0.029 | 0.028 | 0.027 | 0.001 | 0.015 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166859.573909185.91 | 166859.57 | 3909185.91 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.033 | 0.032 | 0.031 | 0.030 | 0.001 | 0.016 | 0.001 | 0.001 | 0.001 | 0.001 |
| 166859.573909209.23 | 166859.57 | 3909209.24 | FENCEGRD | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.036 | 0.035 | 0.034 | 0.033 | 0.001 | 0.017 | 0.001 | 0.001 | 0.001 | 0.001 |

| | |
|----------|------------|
| Max Risk | 4.93 |
| X (UTM) | 167752.65 |
| Y (UTM) | 3909019.58 |

Project Cancer Risk

| XY | X | Y | REC TYPE | 2<16 Cancer Risk (per million) | | | | | | | | | | 16<30 Cancer Risk (per million) | | | | | | | | | | Total Cancer Risk (per million) |
|---------------------|-----------|------------|----------|--------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|---------|---------------------------------|
| | | | | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | |
| 167063.260423627390 | 167063.26 | 3909116.61 | FENCEGRD | 0.063 | 0.061 | 0.058 | 0.056 | 0.001 | 0.033 | 0.001 | 0.001 | 0.001 | 0.001 | 0.010 | 0.010 | 0.010 | 0.009 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.48 |
| 167066.950847254390 | 167066.95 | 3909093.95 | FENCEGRD | 0.055 | 0.053 | 0.051 | 0.049 | 0.001 | 0.031 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.009 | 0.008 | 0.008 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.43 |
| 167070.641270881390 | 167070.64 | 3909071.28 | FENCEGRD | 0.048 | 0.046 | 0.044 | 0.043 | 0.001 | 0.029 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.008 | 0.007 | 0.007 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.37 |
| 167074.331694508390 | 167074.33 | 3909048.62 | FENCEGRD | 0.042 | 0.040 | 0.039 | 0.038 | 0.001 | 0.026 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.007 | 0.006 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.33 |
| 167078.022118134390 | 167078.02 | 3909025.96 | FENCEGRD | 0.037 | 0.035 | 0.034 | 0.033 | 0.001 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.006 | 0.006 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.29 |
| 167081.712541761390 | 167081.71 | 3909003.30 | FENCEGRD | 0.032 | 0.031 | 0.031 | 0.030 | 0.001 | 0.022 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.26 |
| 167059.573909139.27 | 167059.57 | 3909139.27 | FENCEGRD | 0.071 | 0.069 | 0.066 | 0.064 | 0.002 | 0.035 | 0.001 | 0.001 | 0.001 | 0.001 | 0.012 | 0.011 | 0.011 | 0.011 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.54 |
| 167059.573909162.59 | 167059.57 | 3909162.59 | FENCEGRD | 0.081 | 0.078 | 0.075 | 0.073 | 0.002 | 0.038 | 0.001 | 0.001 | 0.001 | 0.001 | 0.014 | 0.013 | 0.013 | 0.012 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.62 |
| 167059.573909185.91 | 167059.57 | 3909185.91 | FENCEGRD | 0.091 | 0.088 | 0.084 | 0.082 | 0.002 | 0.040 | 0.002 | 0.001 | 0.001 | 0.001 | 0.015 | 0.015 | 0.014 | 0.014 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.69 |
| 167059.573909209.23 | 167059.57 | 3909209.24 | FENCEGRD | 0.099 | 0.096 | 0.093 | 0.090 | 0.002 | 0.042 | 0.002 | 0.002 | 0.002 | 0.002 | 0.017 | 0.016 | 0.015 | 0.015 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.75 |
| 167059.573909232.55 | 167059.57 | 3909232.56 | FENCEGRD | 0.107 | 0.104 | 0.101 | 0.098 | 0.003 | 0.044 | 0.002 | 0.002 | 0.002 | 0.002 | 0.018 | 0.017 | 0.017 | 0.016 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.82 |
| 167059.573909255.87 | 167059.57 | 3909255.88 | FENCEGRD | 0.115 | 0.112 | 0.108 | 0.105 | 0.003 | 0.046 | 0.002 | 0.002 | 0.002 | 0.002 | 0.019 | 0.019 | 0.018 | 0.018 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 0.88 |
| 167059.573909279.2 | 167059.57 | 3909279.20 | FENCEGRD | 0.123 | 0.120 | 0.116 | 0.113 | 0.004 | 0.048 | 0.002 | 0.002 | 0.002 | 0.002 | 0.021 | 0.020 | 0.019 | 0.019 | 0.001 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 0.93 |
| 166963.014395385390 | 166963.01 | 3909118.12 | FENCEGRD | 0.052 | 0.051 | 0.049 | 0.047 | 0.001 | 0.028 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.008 | 0.008 | 0.008 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.41 |
| 166969.903186155390 | 166969.90 | 3909075.82 | FENCEGRD | 0.042 | 0.041 | 0.040 | 0.038 | 0.001 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.007 | 0.006 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.33 |
| 166976.791976925390 | 166976.79 | 3909033.51 | FENCEGRD | 0.034 | 0.033 | 0.032 | 0.031 | 0.001 | 0.021 | 0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.006 | 0.005 | 0.005 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.27 |
| 166983.680767696390 | 166983.68 | 3908991.21 | FENCEGRD | 0.028 | 0.027 | 0.026 | 0.026 | 0.001 | 0.018 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.22 |
| 166959.573909162.59 | 166959.57 | 3909162.59 | FENCEGRD | 0.065 | 0.063 | 0.061 | 0.059 | 0.002 | 0.032 | 0.001 | 0.001 | 0.001 | 0.001 | 0.011 | 0.010 | 0.010 | 0.010 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.50 |
| 166959.573909185.91 | 166959.57 | 3909185.91 | FENCEGRD | 0.072 | 0.070 | 0.067 | 0.065 | 0.002 | 0.033 | 0.001 | 0.001 | 0.001 | 0.001 | 0.012 | 0.012 | 0.011 | 0.011 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.55 |
| 166959.573909209.23 | 166959.57 | 3909209.24 | FENCEGRD | 0.078 | 0.076 | 0.074 | 0.072 | 0.002 | 0.035 | 0.001 | 0.001 | 0.001 | 0.001 | 0.013 | 0.013 | 0.012 | 0.012 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.60 |
| 166959.573909232.55 | 166959.57 | 3909232.56 | FENCEGRD | 0.085 | 0.082 | 0.080 | 0.078 | 0.003 | 0.037 | 0.002 | 0.002 | 0.002 | 0.002 | 0.014 | 0.014 | 0.013 | 0.013 | 0.000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.65 |
| 166959.573909255.87 | 166959.57 | 3909255.88 | FENCEGRD | 0.090 | 0.088 | 0.085 | 0.083 | 0.003 | 0.039 | 0.002 | 0.002 | 0.002 | 0.002 | 0.015 | 0.015 | 0.014 | 0.014 | 0.001 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.69 |
| 166959.573909279.2 | 166959.57 | 3909279.20 | FENCEGRD | 0.095 | 0.093 | 0.090 | 0.088 | 0.004 | 0.040 | 0.002 | 0.002 | 0.002 | 0.002 | 0.016 | 0.015 | 0.015 | 0.015 | 0.001 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.73 |
| 166863.186615154390 | 166863.19 | 3909117.06 | FENCEGRD | 0.044 | 0.042 | 0.041 | 0.040 | 0.001 | 0.024 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.007 | 0.007 | 0.007 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.34 |
| 166866.803230309390 | 166866.80 | 3909094.85 | FENCEGRD | 0.040 | 0.038 | 0.037 | 0.036 | 0.001 | 0.022 | 0.001 | 0.001 | 0.001 | 0.001 | 0.007 | 0.006 | 0.006 | 0.006 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.31 |
| 166874.036460617390 | 166874.04 | 3909050.43 | FENCEGRD | 0.032 | 0.032 | 0.031 | 0.030 | 0.001 | 0.020 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.26 |
| 166877.653075772390 | 166877.65 | 3909028.22 | FENCEGRD | 0.029 | 0.029 | 0.028 | 0.027 | 0.001 | 0.018 | 0.001 | 0.001 | 0.001 | 0.000 | 0.005 | 0.005 | 0.005 | 0.005 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.24 |
| 166881.269690926390 | 166881.27 | 3909006.02 | FENCEGRD | 0.027 | 0.026 | 0.026 | 0.025 | 0.001 | 0.017 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.22 |
| 166884.886306083908 | 166884.89 | 3908983.81 | FENCEGRD | 0.025 | 0.024 | 0.023 | 0.023 | 0.001 | 0.016 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.20 |
| 166888.502921235390 | 166888.50 | 3908961.60 | FENCEGRD | 0.023 | 0.022 | 0.022 | 0.021 | 0.001 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 | 0.004 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.18 |
| 166859.573909139.27 | 166859.57 | 3909139.27 | FENCEGRD | 0.048 | 0.047 | 0.045 | 0.044 | 0.002 | 0.025 | 0.001 | 0.001 | 0.001 | 0.001 | 0.008 | 0.008 | 0.008 | 0.007 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.37 |
| 166859.573909162.59 | 166859.57 | 3909162.59 | FENCEGRD | 0.053 | 0.052 | 0.050 | 0.049 | 0.002 | 0.027 | 0.001 | 0.001 | 0.001 | 0.001 | 0.009 | 0.009 | 0.008 | 0.008 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.41 |
| 166859.573909185.91 | 166859.57 | 3909185.91 | FENCEGRD | 0.058 | 0.057 | 0.055 | 0.054 | 0.002 | 0.028 | 0.001 | 0.0 | | | | | | | | | | | | | |

Project Chronic Hazard Index Calculations

| | |
|----------------|-------|
| Max Chronic HI | 0.002 |
|----------------|-------|

Chronic Hazard Index

| DPM REL (µg/m³) | | | 5.0 | Annual Project GLC (µg/m³) | | | | | | | | | | | CHRONIC HI |
|------------------|-----------|------------|----------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | TOTAL | |
| 167603.820034589 | 167603.82 | 3909302.48 | FENCEGRD | 3.00E-04 | 3.09E-04 | 3.23E-04 | 3.38E-04 | 7.29E-05 | 9.14E-05 | 6.49E-06 | 6.73E-06 | 7.02E-06 | 7.31E-06 | 1.46E-03 | 2.92E-04 |
| 167615.268534589 | 167615.27 | 3909280.72 | FENCEGRD | 2.87E-04 | 2.94E-04 | 3.03E-04 | 3.11E-04 | 8.61E-05 | 9.22E-05 | 6.35E-06 | 6.65E-06 | 6.97E-06 | 7.30E-06 | 1.40E-03 | 2.80E-04 |
| 167626.717034589 | 167626.72 | 3909258.96 | FENCEGRD | 2.64E-04 | 2.71E-04 | 2.74E-04 | 2.75E-04 | 9.59E-05 | 9.45E-05 | 6.64E-06 | 6.98E-06 | 7.34E-06 | 7.73E-06 | 1.30E-03 | 2.61E-04 |
| 167638.165534589 | 167638.17 | 3909237.19 | FENCEGRD | 2.22E-04 | 2.28E-04 | 2.34E-04 | 2.35E-04 | 1.03E-04 | 9.86E-05 | 7.37E-06 | 7.70E-06 | 8.10E-06 | 8.55E-06 | 1.15E-03 | 2.31E-04 |
| 167649.614034589 | 167649.61 | 3909215.43 | FENCEGRD | 1.78E-04 | 1.79E-04 | 1.82E-04 | 1.85E-04 | 1.07E-04 | 1.07E-04 | 9.34E-06 | 9.73E-06 | 1.01E-05 | 1.07E-05 | 9.79E-04 | 1.96E-04 |
| 167661.062534589 | 167661.06 | 3909193.67 | FENCEGRD | 1.72E-04 | 1.61E-04 | 1.54E-04 | 1.53E-04 | 1.05E-04 | 1.23E-04 | 1.33E-05 | 1.40E-05 | 1.47E-05 | 1.56E-05 | 9.25E-04 | 1.85E-04 |
| 167672.511034589 | 167672.51 | 3909171.91 | FENCEGRD | 1.73E-04 | 1.58E-04 | 1.43E-04 | 1.32E-04 | 9.87E-05 | 1.43E-04 | 1.86E-05 | 1.97E-05 | 2.10E-05 | 2.26E-05 | 9.30E-04 | 1.86E-04 |
| 167683.959534589 | 167683.96 | 3909150.15 | FENCEGRD | 1.93E-04 | 1.78E-04 | 1.59E-04 | 1.46E-04 | 9.08E-05 | 1.63E-04 | 2.40E-05 | 2.57E-05 | 2.76E-05 | 2.99E-05 | 1.04E-03 | 2.07E-04 |
| 167695.408034589 | 167695.41 | 3909128.39 | FENCEGRD | 2.73E-04 | 2.78E-04 | 2.89E-04 | 3.26E-04 | 8.34E-05 | 1.83E-04 | 2.88E-05 | 3.08E-05 | 3.33E-05 | 3.60E-05 | 1.56E-03 | 3.12E-04 |
| 167706.856534589 | 167706.86 | 3909106.63 | FENCEGRD | 6.23E-04 | 7.34E-04 | 8.99E-04 | 1.12E-03 | 7.71E-05 | 2.00E-04 | 3.20E-05 | 3.39E-05 | 3.62E-05 | 3.83E-05 | 3.80E-03 | 7.59E-04 |
| 167718.305034589 | 167718.31 | 3909084.86 | FENCEGRD | 1.17E-03 | 1.38E-03 | 1.63E-03 | 1.88E-03 | 7.29E-05 | 2.17E-04 | 3.33E-05 | 3.46E-05 | 3.60E-05 | 3.70E-05 | 6.49E-03 | 1.30E-03 |
| 167729.753534589 | 167729.75 | 3909063.10 | FENCEGRD | 1.69E-03 | 1.89E-03 | 2.09E-03 | 2.25E-03 | 6.90E-05 | 2.33E-04 | 3.27E-05 | 3.34E-05 | 3.39E-05 | 3.41E-05 | 8.35E-03 | 1.67E-03 |
| 167741.202034589 | 167741.20 | 3909041.34 | FENCEGRD | 1.99E-03 | 2.12E-03 | 2.24E-03 | 2.31E-03 | 6.51E-05 | 2.49E-04 | 3.11E-05 | 3.13E-05 | 3.13E-05 | 3.11E-05 | 9.11E-03 | 1.82E-03 |
| 167752.650534589 | 167752.65 | 3909019.58 | FENCEGRD | 2.09E-03 | 2.16E-03 | 2.21E-03 | 2.23E-03 | 6.14E-05 | 2.65E-04 | 2.91E-05 | 2.91E-05 | 2.88E-05 | 2.85E-05 | 9.12E-03 | 1.82E-03 |
| 167764.099034589 | 167764.10 | 3908997.82 | FENCEGRD | 2.03E-03 | 2.07E-03 | 2.08E-03 | 2.07E-03 | 5.76E-05 | 2.79E-04 | 2.69E-05 | 2.67E-05 | 2.63E-05 | 2.59E-05 | 8.69E-03 | 1.74E-03 |
| 167775.547534589 | 167775.55 | 3908976.06 | FENCEGRD | 1.90E-03 | 1.91E-03 | 1.90E-03 | 1.88E-03 | 5.37E-05 | 2.91E-04 | 2.48E-05 | 2.45E-05 | 2.41E-05 | 2.37E-05 | 8.03E-03 | 1.61E-03 |
| 167786.996034589 | 167787.00 | 3908954.30 | FENCEGRD | 1.74E-03 | 1.73E-03 | 1.71E-03 | 1.69E-03 | 5.02E-05 | 3.04E-04 | 2.29E-05 | 2.25E-05 | 2.21E-05 | 2.17E-05 | 7.32E-03 | 1.46E-03 |
| 167798.444534589 | 167798.44 | 3908932.53 | FENCEGRD | 1.57E-03 | 1.55E-03 | 1.52E-03 | 1.49E-03 | 4.62E-05 | 3.15E-04 | 2.09E-05 | 2.05E-05 | 2.01E-05 | 1.98E-05 | 6.57E-03 | 1.31E-03 |
| 167809.893034589 | 167809.89 | 3908910.77 | FENCEGRD | 1.42E-03 | 1.39E-03 | 1.36E-03 | 1.33E-03 | 4.32E-05 | 3.28E-04 | 1.93E-05 | 1.89E-05 | 1.86E-05 | 1.82E-05 | 5.94E-03 | 1.19E-03 |
| 167821.341534589 | 167821.34 | 3908889.01 | FENCEGRD | 1.27E-03 | 1.24E-03 | 1.21E-03 | 1.18E-03 | 3.98E-05 | 3.47E-04 | 1.77E-05 | 1.74E-05 | 1.70E-05 | 1.67E-05 | 5.35E-03 | 1.07E-03 |
| 167832.790034589 | 167832.79 | 3908867.25 | FENCEGRD | 1.14E-03 | 1.12E-03 | 1.09E-03 | 1.06E-03 | 3.75E-05 | 3.71E-04 | 1.65E-05 | 1.62E-05 | 1.59E-05 | 1.56E-05 | 4.88E-03 | 9.76E-04 |
| 167583.765368876 | 167583.77 | 3909333.07 | FENCEGRD | 3.13E-04 | 3.28E-04 | 3.49E-04 | 3.72E-04 | 5.32E-05 | 9.37E-05 | 6.86E-06 | 7.07E-06 | 7.32E-06 | 7.60E-06 | 1.54E-03 | 3.08E-04 |
| 167625.945051877 | 167625.95 | 3909314.12 | FENCEGRD | 3.08E-04 | 3.19E-04 | 3.28E-04 | 3.34E-04 | 4.99E-05 | 7.97E-05 | 5.43E-06 | 5.65E-06 | 5.88E-06 | 6.10E-06 | 1.44E-03 | 2.88E-04 |
| 167637.393551877 | 167637.39 | 3909292.36 | FENCEGRD | 2.92E-04 | 3.07E-04 | 3.21E-04 | 3.29E-04 | 6.18E-05 | 8.08E-05 | 5.40E-06 | 5.62E-06 | 5.86E-06 | 6.11E-06 | 1.42E-03 | 2.83E-04 |
| 167648.842051877 | 167648.84 | 3909270.60 | FENCEGRD | 2.64E-04 | 2.81E-04 | 3.00E-04 | 3.12E-04 | 7.28E-05 | 8.31E-05 | 5.72E-06 | 5.90E-06 | 6.12E-06 | 6.37E-06 | 1.34E-03 | 2.67E-04 |
| 167660.290551877 | 167660.29 | 3909248.83 | FENCEGRD | 2.28E-04 | 2.36E-04 | 2.49E-04 | 2.60E-04 | 8.12E-05 | 8.57E-05 | 6.30E-06 | 6.44E-06 | 6.61E-06 | 6.81E-06 | 1.17E-03 | 2.33E-04 |
| 167671.739051877 | 167671.74 | 3909227.07 | FENCEGRD | 2.38E-04 | 2.33E-04 | 2.29E-04 | 2.28E-04 | 8.88E-05 | 9.09E-05 | 7.55E-06 | 7.72E-06 | 7.89E-06 | 8.10E-06 | 1.14E-03 | 2.28E-04 |
| 167683.187551877 | 167683.19 | 3909205.31 | FENCEGRD | 2.92E-04 | 2.83E-04 | 2.66E-04 | 2.48E-04 | 9.31E-05 | 9.98E-05 | 9.66E-06 | 9.99E-06 | 1.03E-05 | 1.07E-05 | 1.32E-03 | 2.64E-04 |
| 167694.636051877 | 167694.64 | 3909183.55 | FENCEGRD | 3.14E-04 | 3.10E-04 | 2.99E-04 | 2.85E-04 | 9.38E-05 | 1.13E-04 | 1.27E-05 | 1.33E-05 | 1.39E-05 | 1.46E-05 | 1.47E-03 | 2.94E-04 |
| 167706.084551877 | 167706.08 | 3909161.79 | FENCEGRD | 3.27E-04 | 3.22E-04 | 3.09E-04 | 2.92E-04 | 9.07E-05 | 1.29E-04 | 1.66E-05 | 1.74E-05 | 1.83E-05 | 1.94E-05 | 1.54E-03 | 3.08E-04 |
| 167717.533051877 | 167717.53 | 3909140.03 | FENCEGRD | 3.74E-04 | 3.80E-04 | 3.79E-04 | 3.80E-04 | 8.59E-05 | 1.46E-04 | 2.07E-05 | 2.19E-05 | 2.33E-05 | 2.48E-05 | 1.83E-03 | 3.67E-04 |
| 167728.981551877 | 167728.98 | 3909118.27 | FENCEGRD | 4.92E-04 | 5.36E-04 | 5.87E-04 | 6.62E-04 | 8.10E-05 | 1.60E-04 | 2.41E-05 | 2.55E-05 | 2.71E-05 | 2.87E-05 | 2.62E-03 | 5.25E-04 |
| 167740.430051877 | 167740.43 | 3909096.50 | FENCEGRD | 7.70E-04 | 8.71E-04 | 1.00E-03 | 1.15E-03 | 7.72E-05 | 1.75E-04 | 2.68E-05 | 2.81E-05 | 2.97E-05 | 3.11E-05 | 4.16E-03 | 8.33E-04 |
| 167751.878551877 | 167751.88 | 3909074.74 | FENCEGRD | 1.15E-03 | 1.30E-03 | 1.49E-03 | 1.66E-03 | 7.36E-05 | 1.91E-04 | 2.85E-05 | 2.96E-05 | 3.08E-05 | 3.18E-05 | 5.99E-03 | 1.20E-03 |
| 167763.327051877 | 167763.33 | 3909052.98 | FENCEGRD | 1.51E-03 | 1.67E-03 | 1.83E-03 | 1.97E-03 | 7.04E-05 | 2.08E-04 | 2.91E-05 | 2.99E-05 | 3.06E-05 | 3.12E-05 | 7.39E-03 | 1.48E-03 |
| 167774.775551877 | 167774.78 | 3909031.22 | FENCEGRD | 1.73E-03 | 1.86E-03 | 1.99E-03 | 2.08E-03 | 6.59E-05 | 2.23E-04 | 2.85E-05 | 2.89E- | | | | |

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| Max Chronic HI | 0.002 |
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Chronic Hazard Index

| DPM REL (µg/m³) | | | 5.0 | Annual Project GLC (µg/m³) | | | | | | | | | | | CHRONIC HI |
|------------------|-----------|------------|----------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | TOTAL | |
| 167795.356603759 | 167795.36 | 3909153.18 | FENCEGRD | 3.49E-04 | 3.64E-04 | 3.79E-04 | 3.93E-04 | 6.73E-05 | 9.36E-05 | 1.07E-05 | 1.11E-05 | 1.15E-05 | 1.19E-05 | 1.69E-03 | 3.38E-04 |
| 167806.805103759 | 167806.81 | 3909131.42 | FENCEGRD | 4.00E-04 | 4.25E-04 | 4.53E-04 | 4.82E-04 | 6.82E-05 | 1.02E-04 | 1.26E-05 | 1.30E-05 | 1.35E-05 | 1.40E-05 | 1.98E-03 | 3.96E-04 |
| 167818.253603759 | 167818.25 | 3909109.66 | FENCEGRD | 4.94E-04 | 5.32E-04 | 5.77E-04 | 6.22E-04 | 6.81E-05 | 1.12E-04 | 1.45E-05 | 1.51E-05 | 1.57E-05 | 1.63E-05 | 2.47E-03 | 4.93E-04 |
| 167829.702103759 | 167829.70 | 3909087.90 | FENCEGRD | 6.16E-04 | 6.67E-04 | 7.29E-04 | 7.91E-04 | 6.75E-05 | 1.23E-04 | 1.64E-05 | 1.70E-05 | 1.77E-05 | 1.84E-05 | 3.06E-03 | 6.12E-04 |
| 167841.150603759 | 167841.15 | 3909066.14 | FENCEGRD | 7.53E-04 | 8.19E-04 | 9.01E-04 | 9.81E-04 | 6.58E-05 | 1.36E-04 | 1.82E-05 | 1.88E-05 | 1.95E-05 | 2.02E-05 | 3.73E-03 | 7.46E-04 |
| 167852.599103759 | 167852.60 | 3909044.38 | FENCEGRD | 8.92E-04 | 9.72E-04 | 1.07E-03 | 1.16E-03 | 6.33E-05 | 1.51E-04 | 1.97E-05 | 2.03E-05 | 2.10E-05 | 2.16E-05 | 4.38E-03 | 8.77E-04 |
| 167864.047603759 | 167864.05 | 3909022.62 | FENCEGRD | 9.97E-04 | 1.08E-03 | 1.19E-03 | 1.27E-03 | 6.08E-05 | 1.71E-04 | 2.11E-05 | 2.17E-05 | 2.23E-05 | 2.28E-05 | 4.86E-03 | 9.72E-04 |
| 167875.496103759 | 167875.50 | 3909000.85 | FENCEGRD | 9.44E-04 | 1.02E-03 | 1.12E-03 | 1.20E-03 | 5.89E-05 | 1.97E-04 | 2.25E-05 | 2.30E-05 | 2.36E-05 | 2.40E-05 | 4.63E-03 | 9.27E-04 |
| 167886.944603759 | 167886.94 | 3908979.09 | FENCEGRD | 7.28E-04 | 7.85E-04 | 8.53E-04 | 9.13E-04 | 5.60E-05 | 2.13E-04 | 2.26E-05 | 2.30E-05 | 2.35E-05 | 2.39E-05 | 3.64E-03 | 7.28E-04 |
| 167898.393103759 | 167898.39 | 3908957.33 | FENCEGRD | 6.82E-04 | 7.27E-04 | 7.80E-04 | 8.27E-04 | 5.23E-05 | 2.22E-04 | 2.18E-05 | 2.21E-05 | 2.25E-05 | 2.28E-05 | 3.38E-03 | 6.76E-04 |
| 167909.841603759 | 167909.84 | 3908935.57 | FENCEGRD | 6.84E-04 | 7.21E-04 | 7.66E-04 | 8.04E-04 | 4.90E-05 | 2.33E-04 | 2.09E-05 | 2.12E-05 | 2.15E-05 | 2.17E-05 | 3.34E-03 | 6.68E-04 |
| 167921.290103759 | 167921.29 | 3908913.81 | FENCEGRD | 7.64E-04 | 7.97E-04 | 8.37E-04 | 8.69E-04 | 4.64E-05 | 2.47E-04 | 2.03E-05 | 2.04E-05 | 2.06E-05 | 2.07E-05 | 3.64E-03 | 7.29E-04 |
| 167716.119382949 | 167716.12 | 3909381.50 | FENCEGRD | 5.09E-05 | 5.40E-05 | 5.88E-05 | 6.36E-05 | 1.85E-05 | 4.77E-05 | 3.33E-06 | 3.38E-06 | 3.43E-06 | 3.49E-06 | 3.07E-04 | 6.14E-05 |
| 167675.217872159 | 167675.22 | 3909399.88 | FENCEGRD | 1.15E-04 | 1.25E-04 | 1.38E-04 | 1.50E-04 | 2.04E-05 | 5.57E-05 | 3.59E-06 | 3.70E-06 | 3.83E-06 | 3.96E-06 | 6.19E-04 | 1.24E-04 |
| 167634.316361369 | 167634.32 | 3909418.25 | FENCEGRD | 2.19E-04 | 2.28E-04 | 2.37E-04 | 2.44E-04 | 1.70E-05 | 6.22E-05 | 4.37E-06 | 4.49E-06 | 4.63E-06 | 4.75E-06 | 1.03E-03 | 2.05E-04 |
| 167593.414850576 | 167593.41 | 3909436.62 | FENCEGRD | 2.32E-04 | 2.37E-04 | 2.44E-04 | 2.51E-04 | 1.54E-05 | 6.77E-05 | 4.90E-06 | 4.96E-06 | 5.03E-06 | 5.10E-06 | 1.07E-03 | 2.14E-04 |
| 167552.513339786 | 167552.51 | 3909454.99 | FENCEGRD | 2.51E-04 | 2.62E-04 | 2.76E-04 | 2.89E-04 | 1.91E-05 | 7.37E-05 | 5.20E-06 | 5.32E-06 | 5.45E-06 | 5.60E-06 | 1.19E-03 | 2.39E-04 |
| 167387.213968908 | 167387.21 | 3909314.50 | FENCEGRD | 8.40E-04 | 8.50E-04 | 8.56E-04 | 8.59E-04 | 3.97E-05 | 2.19E-04 | 2.02E-05 | 2.02E-05 | 2.02E-05 | 2.02E-05 | 3.74E-03 | 7.49E-04 |
| 167373.391984454 | 167373.39 | 3909296.85 | FENCEGRD | 9.02E-04 | 9.01E-04 | 8.93E-04 | 8.83E-04 | 3.01E-05 | 2.33E-04 | 2.01E-05 | 1.99E-05 | 1.97E-05 | 1.95E-05 | 3.92E-03 | 7.84E-04 |
| 167748.018638343 | 167748.02 | 3909350.56 | FENCEGRD | 5.85E-05 | 6.04E-05 | 6.35E-05 | 6.69E-05 | 2.07E-05 | 4.99E-05 | 3.99E-06 | 4.04E-06 | 4.08E-06 | 4.13E-06 | 3.36E-04 | 6.72E-05 |
| 167759.467138343 | 167759.47 | 3909328.79 | FENCEGRD | 6.65E-05 | 6.82E-05 | 7.08E-05 | 7.37E-05 | 2.35E-05 | 5.21E-05 | 4.36E-06 | 4.43E-06 | 4.50E-06 | 4.56E-06 | 3.73E-04 | 7.45E-05 |
| 167770.915638343 | 167770.92 | 3909307.03 | FENCEGRD | 8.13E-05 | 8.43E-05 | 8.84E-05 | 9.25E-05 | 2.71E-05 | 5.49E-05 | 4.69E-06 | 4.79E-06 | 4.88E-06 | 4.97E-06 | 4.48E-04 | 8.96E-05 |
| 167782.364138343 | 167782.36 | 3909285.27 | FENCEGRD | 1.22E-04 | 1.28E-04 | 1.37E-04 | 1.46E-04 | 3.14E-05 | 5.90E-05 | 5.07E-06 | 5.17E-06 | 5.27E-06 | 5.37E-06 | 6.44E-04 | 1.29E-04 |
| 167793.812638343 | 167793.81 | 3909263.51 | FENCEGRD | 1.69E-04 | 1.79E-04 | 1.92E-04 | 2.04E-04 | 3.54E-05 | 6.18E-05 | 5.34E-06 | 5.44E-06 | 5.53E-06 | 5.63E-06 | 8.63E-04 | 1.73E-04 |
| 167805.261138343 | 167805.26 | 3909241.75 | FENCEGRD | 2.11E-04 | 2.22E-04 | 2.36E-04 | 2.49E-04 | 3.94E-05 | 6.38E-05 | 5.59E-06 | 5.68E-06 | 5.78E-06 | 5.89E-06 | 1.04E-03 | 2.09E-04 |
| 167816.709638343 | 167816.71 | 3909219.99 | FENCEGRD | 2.30E-04 | 2.42E-04 | 2.56E-04 | 2.70E-04 | 4.38E-05 | 6.70E-05 | 6.05E-06 | 6.17E-06 | 6.29E-06 | 6.41E-06 | 1.13E-03 | 2.27E-04 |
| 167828.158138343 | 167828.16 | 3909198.23 | FENCEGRD | 2.41E-04 | 2.54E-04 | 2.70E-04 | 2.85E-04 | 4.80E-05 | 7.13E-05 | 6.80E-06 | 6.96E-06 | 7.11E-06 | 7.27E-06 | 1.20E-03 | 2.40E-04 |
| 167839.606638343 | 167839.61 | 3909176.46 | FENCEGRD | 2.63E-04 | 2.76E-04 | 2.93E-04 | 3.09E-04 | 5.14E-05 | 7.65E-05 | 7.76E-06 | 7.96E-06 | 8.16E-06 | 8.37E-06 | 1.30E-03 | 2.60E-04 |
| 167851.055138343 | 167851.06 | 3909154.70 | FENCEGRD | 2.88E-04 | 3.04E-04 | 3.25E-04 | 3.44E-04 | 5.39E-05 | 8.19E-05 | 8.83E-06 | 9.08E-06 | 9.34E-06 | 9.61E-06 | 1.43E-03 | 2.87E-04 |
| 167862.503638343 | 167862.50 | 3909132.94 | FENCEGRD | 3.34E-04 | 3.57E-04 | 3.84E-04 | 4.11E-04 | 5.56E-05 | 8.78E-05 | 9.98E-06 | 1.03E-05 | 1.06E-05 | 1.09E-05 | 1.67E-03 | 3.34E-04 |
| 167873.952138343 | 167873.95 | 3909111.18 | FENCEGRD | 4.00E-04 | 4.30E-04 | 4.65E-04 | 4.99E-04 | 5.67E-05 | 9.45E-05 | 1.12E-05 | 1.15E-05 | 1.19E-05 | 1.22E-05 | 1.99E-03 | 3.98E-04 |
| 167885.400638343 | 167885.40 | 3909089.42 | FENCEGRD | 4.75E-04 | 5.11E-04 | 5.53E-04 | 5.93E-04 | 5.73E-05 | 1.03E-04 | 1.25E-05 | 1.29E-05 | 1.33E-05 | 1.37E-05 | 2.34E-03 | 4.69E-04 |
| 167896.849138343 | 167896.85 | 3909067.66 | FENCEGRD | 5.44E-04 | 5.85E-04 | 6.34E-04 | 6.82E-04 | 5.73E-05 | 1.14E-04 | 1.39E-05 | 1.43E-05 | 1.48E-05 | 1.53E-05 | 2.68E-03 | 5.35E-04 |
| 167908.297638343 | 167908.30 | 3909045.90 | FENCEGRD | 5.97E-04 | 6.44E-04 | 7.03E-04 | 7.60E-04 | 5.68E-05 | 1.27E-04 | 1.53E-05 | 1.57E-05 | 1.62E-05 | 1.67E-05 | 2.95E-03 | 5.91E-04 |
| 167919.746138343 | 167919.75 | 3909024.13 | FENCEGRD | 6.37E-04 | 6.90E-04 | 7.56E-04 | 8.18E-04 | 5.58E-05 | 1.41E-04 | 1.65E-05 | 1.70E-05 | 1.75E-05 | 1.80E-05 | 3.17E-03 | 6.33E-04 |
| 167931.194638343 | 167931.19 | 3909002.37 | FENCEGRD | 6.70E-04 | 7.25E-04 | 7.91E-04 | 8.52E-04 | 5.44E-05 | 1.53E-04 | 1.74E-05 | 1.78E- | | | | |

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| Max Chronic HI | 0.002 |
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Chronic Hazard Index

| DPM REL (µg/m³) | | | 5.0 | Annual Project GLC (µg/m³) | | | | | | | | | | | CHRONIC HI |
|------------------|-----------|------------|----------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | TOTAL | |
| 167740.710841506 | 167740.71 | 3909456.77 | FENCEGRD | 2.78E-05 | 2.87E-05 | 2.99E-05 | 3.11E-05 | 9.12E-06 | 2.84E-05 | 1.71E-06 | 1.73E-06 | 1.76E-06 | 1.79E-06 | 1.62E-04 | 3.24E-05 |
| 167719.621000009 | 167719.62 | 3909466.24 | FENCEGRD | 4.97E-05 | 5.28E-05 | 5.69E-05 | 6.09E-05 | 1.22E-05 | 3.76E-05 | 2.25E-06 | 2.30E-06 | 2.35E-06 | 2.41E-06 | 2.79E-04 | 5.59E-05 |
| 167698.531158504 | 167698.53 | 3909475.72 | FENCEGRD | 8.90E-05 | 9.50E-05 | 1.03E-04 | 1.10E-04 | 1.31E-05 | 4.37E-05 | 2.64E-06 | 2.71E-06 | 2.79E-06 | 2.87E-06 | 4.65E-04 | 9.29E-05 |
| 167677.441317003 | 167677.44 | 3909485.19 | FENCEGRD | 1.29E-04 | 1.37E-04 | 1.47E-04 | 1.56E-04 | 1.23E-05 | 4.72E-05 | 2.95E-06 | 3.03E-06 | 3.13E-06 | 3.22E-06 | 6.42E-04 | 1.28E-04 |
| 167656.351475502 | 167656.35 | 3909494.66 | FENCEGRD | 1.57E-04 | 1.65E-04 | 1.73E-04 | 1.80E-04 | 1.14E-05 | 4.99E-05 | 3.30E-06 | 3.39E-06 | 3.49E-06 | 3.58E-06 | 7.50E-04 | 1.50E-04 |
| 167635.261634001 | 167635.26 | 3909504.14 | FENCEGRD | 1.73E-04 | 1.79E-04 | 1.84E-04 | 1.89E-04 | 1.10E-05 | 5.23E-05 | 3.68E-06 | 3.75E-06 | 3.84E-06 | 3.91E-06 | 8.03E-04 | 1.61E-04 |
| 167614.171792539 | 167614.17 | 3909513.61 | FENCEGRD | 1.80E-04 | 1.84E-04 | 1.88E-04 | 1.91E-04 | 1.12E-05 | 5.45E-05 | 3.96E-06 | 4.02E-06 | 4.07E-06 | 4.11E-06 | 8.24E-04 | 1.65E-04 |
| 167593.081950999 | 167593.08 | 3909523.08 | FENCEGRD | 1.82E-04 | 1.86E-04 | 1.90E-04 | 1.95E-04 | 1.24E-05 | 5.62E-05 | 4.08E-06 | 4.11E-06 | 4.15E-06 | 4.18E-06 | 8.39E-04 | 1.68E-04 |
| 167571.992109498 | 167571.99 | 3909532.55 | FENCEGRD | 1.87E-04 | 1.92E-04 | 1.98E-04 | 2.05E-04 | 1.40E-05 | 5.80E-05 | 4.10E-06 | 4.14E-06 | 4.18E-06 | 4.23E-06 | 8.71E-04 | 1.74E-04 |
| 167550.902267997 | 167550.90 | 3909542.03 | FENCEGRD | 1.97E-04 | 2.04E-04 | 2.13E-04 | 2.22E-04 | 1.55E-05 | 6.07E-05 | 4.21E-06 | 4.27E-06 | 4.35E-06 | 4.43E-06 | 9.30E-04 | 1.86E-04 |
| 167529.812426496 | 167529.81 | 3909551.50 | FENCEGRD | 2.15E-04 | 2.24E-04 | 2.35E-04 | 2.45E-04 | 1.67E-05 | 6.48E-05 | 4.51E-06 | 4.61E-06 | 4.71E-06 | 4.82E-06 | 1.02E-03 | 2.04E-04 |
| 167508.722584995 | 167508.72 | 3909560.97 | FENCEGRD | 2.39E-04 | 2.50E-04 | 2.63E-04 | 2.75E-04 | 1.88E-05 | 7.09E-05 | 5.06E-06 | 5.18E-06 | 5.31E-06 | 5.44E-06 | 1.14E-03 | 2.28E-04 |
| 167416.363136152 | 167416.36 | 3909479.43 | FENCEGRD | 4.57E-04 | 4.65E-04 | 4.71E-04 | 4.76E-04 | 4.43E-05 | 1.24E-04 | 9.91E-06 | 1.00E-05 | 1.02E-05 | 1.03E-05 | 2.08E-03 | 4.16E-04 |
| 167402.109214684 | 167402.11 | 3909461.23 | FENCEGRD | 4.87E-04 | 4.94E-04 | 4.99E-04 | 5.04E-04 | 5.17E-05 | 1.34E-04 | 1.07E-05 | 1.08E-05 | 1.09E-05 | 1.10E-05 | 2.21E-03 | 4.43E-04 |
| 167387.855293216 | 167387.86 | 3909443.03 | FENCEGRD | 5.20E-04 | 5.27E-04 | 5.33E-04 | 5.38E-04 | 5.94E-05 | 1.43E-04 | 1.16E-05 | 1.17E-05 | 1.19E-05 | 1.20E-05 | 2.37E-03 | 4.74E-04 |
| 167373.601371747 | 167373.60 | 3909424.82 | FENCEGRD | 5.60E-04 | 5.68E-04 | 5.76E-04 | 5.84E-04 | 6.38E-05 | 1.54E-04 | 1.28E-05 | 1.30E-05 | 1.32E-05 | 1.34E-05 | 2.56E-03 | 5.11E-04 |
| 167359.347450279 | 167359.35 | 3909406.62 | FENCEGRD | 6.01E-04 | 6.11E-04 | 6.22E-04 | 6.31E-04 | 6.26E-05 | 1.64E-04 | 1.42E-05 | 1.44E-05 | 1.47E-05 | 1.49E-05 | 2.75E-03 | 5.50E-04 |
| 167345.093528813 | 167345.09 | 3909388.42 | FENCEGRD | 6.50E-04 | 6.62E-04 | 6.72E-04 | 6.81E-04 | 5.74E-05 | 1.75E-04 | 1.57E-05 | 1.59E-05 | 1.61E-05 | 1.62E-05 | 2.96E-03 | 5.92E-04 |
| 167330.839607342 | 167330.84 | 3909370.21 | FENCEGRD | 7.03E-04 | 7.13E-04 | 7.20E-04 | 7.24E-04 | 5.01E-05 | 1.88E-04 | 1.68E-05 | 1.69E-05 | 1.70E-05 | 1.70E-05 | 3.17E-03 | 6.33E-04 |
| 167316.585685874 | 167316.59 | 3909352.01 | FENCEGRD | 7.47E-04 | 7.50E-04 | 7.50E-04 | 7.48E-04 | 4.21E-05 | 1.99E-04 | 1.72E-05 | 1.72E-05 | 1.71E-05 | 1.71E-05 | 3.31E-03 | 6.61E-04 |
| 167302.331764409 | 167302.33 | 3909333.81 | FENCEGRD | 7.75E-04 | 7.71E-04 | 7.62E-04 | 7.54E-04 | 3.46E-05 | 2.09E-04 | 1.69E-05 | 1.68E-05 | 1.66E-05 | 1.65E-05 | 3.37E-03 | 6.74E-04 |
| 167288.077842937 | 167288.08 | 3909315.61 | FENCEGRD | 7.76E-04 | 7.64E-04 | 7.49E-04 | 7.34E-04 | 2.80E-05 | 2.15E-04 | 1.60E-05 | 1.58E-05 | 1.56E-05 | 1.54E-05 | 3.33E-03 | 6.66E-04 |
| 167273.823921468 | 167273.82 | 3909297.40 | FENCEGRD | 7.50E-04 | 7.34E-04 | 7.13E-04 | 6.95E-04 | 2.25E-05 | 2.17E-04 | 1.47E-05 | 1.44E-05 | 1.42E-05 | 1.39E-05 | 3.19E-03 | 6.38E-04 |
| 167825.070207513 | 167825.07 | 3909418.88 | FENCEGRD | 2.92E-05 | 2.88E-05 | 2.84E-05 | 2.80E-05 | 2.90E-06 | 1.04E-05 | 7.28E-07 | 7.32E-07 | 7.35E-07 | 7.37E-07 | 1.31E-04 | 2.61E-05 |
| 167836.518707513 | 167836.52 | 3909397.12 | FENCEGRD | 3.14E-05 | 3.12E-05 | 3.10E-05 | 3.07E-05 | 3.10E-06 | 1.06E-05 | 7.62E-07 | 7.68E-07 | 7.73E-07 | 7.78E-07 | 1.41E-04 | 2.82E-05 |
| 167847.967207513 | 167847.97 | 3909375.35 | FENCEGRD | 3.18E-05 | 3.19E-05 | 3.19E-05 | 3.19E-05 | 3.48E-06 | 1.12E-05 | 8.24E-07 | 8.33E-07 | 8.40E-07 | 8.48E-07 | 1.46E-04 | 2.91E-05 |
| 167859.415707509 | 167859.42 | 3909353.59 | FENCEGRD | 3.08E-05 | 3.09E-05 | 3.11E-05 | 3.11E-05 | 4.68E-06 | 1.35E-05 | 1.03E-06 | 1.04E-06 | 1.05E-06 | 1.07E-06 | 1.46E-04 | 2.92E-05 |
| 167870.864207509 | 167870.86 | 3909331.83 | FENCEGRD | 3.01E-05 | 3.01E-05 | 3.02E-05 | 3.03E-05 | 7.92E-06 | 1.97E-05 | 1.60E-06 | 1.63E-06 | 1.65E-06 | 1.68E-06 | 1.55E-04 | 3.10E-05 |
| 167882.312707509 | 167882.31 | 3909310.07 | FENCEGRD | 3.26E-05 | 3.28E-05 | 3.31E-05 | 3.33E-05 | 1.23E-05 | 2.80E-05 | 2.36E-06 | 2.41E-06 | 2.45E-06 | 2.49E-06 | 1.82E-04 | 3.64E-05 |
| 167893.761207509 | 167893.76 | 3909288.31 | FENCEGRD | 3.94E-05 | 3.99E-05 | 4.06E-05 | 4.14E-05 | 1.53E-05 | 3.27E-05 | 2.81E-06 | 2.86E-06 | 2.91E-06 | 2.96E-06 | 2.21E-04 | 4.42E-05 |
| 167905.209707509 | 167905.21 | 3909266.55 | FENCEGRD | 4.10E-05 | 4.15E-05 | 4.22E-05 | 4.30E-05 | 1.68E-05 | 3.34E-05 | 2.86E-06 | 2.92E-06 | 2.97E-06 | 3.03E-06 | 2.30E-04 | 4.59E-05 |
| 167916.658207509 | 167916.66 | 3909244.78 | FENCEGRD | 4.15E-05 | 4.21E-05 | 4.28E-05 | 4.35E-05 | 1.84E-05 | 3.44E-05 | 2.98E-06 | 3.05E-06 | 3.10E-06 | 3.17E-06 | 2.35E-04 | 4.70E-05 |
| 167928.106707509 | 167928.11 | 3909223.02 | FENCEGRD | 4.87E-05 | 4.97E-05 | 5.11E-05 | 5.25E-05 | 2.17E-05 | 3.94E-05 | 3.49E-06 | 3.56E-06 | 3.63E-06 | 3.71E-06 | 2.77E-04 | 5.55E-05 |
| 167939.555207509 | 167939.56 | 3909201.26 | FENCEGRD | 6.41E-05 | 6.62E-05 | 6.89E-05 | 7.17E-05 | 2.56E-05 | 4.63E-05 | 4.20E-06 | 4.30E-06 | 4.38E-06 | 4.49E-06 | 3.60E-04 | 7.21E-05 |
| 167951.003707513 | 167951.00 | 3909179.50 | FENCEGRD | 8.42E-05 | 8.77E-05 | 9.25E-05 | 9.73E-05 | 2.91E-05 | 5.33E-05 | 4.98E-06 | 5.10E-06 | 5.22E-06 | 5.34E-06 | 4.65E-04 | 9.30E-05 |
| 167962.452207513 | 167962.45 | 3909157.74 | FENCEGRD | 1.10E-04 | 1.15E-04 | 1.23E-04 | 1.31E-04 | 3.21E-05 | 5.98E-05 | 5.78E-06 | 5.93E- | | | | |

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| Max Chronic HI | 0.002 |
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Chronic Hazard Index

| DPM REL (µg/m³) | | | 5.0 | Annual Project GLC (µg/m³) | | | | | | | | | | | CHRONIC HI |
|------------------|-----------|------------|----------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | TOTAL | |
| 167936.467276679 | 167936.47 | 3909421.91 | FENCEGRD | 2.91E-05 | 2.93E-05 | 2.96E-05 | 2.98E-05 | 2.40E-06 | 8.45E-06 | 6.33E-07 | 6.36E-07 | 6.39E-07 | 6.43E-07 | 1.31E-04 | 2.62E-05 |
| 167947.915776679 | 167947.92 | 3909400.15 | FENCEGRD | 2.85E-05 | 2.87E-05 | 2.89E-05 | 2.91E-05 | 2.49E-06 | 8.69E-06 | 6.56E-07 | 6.60E-07 | 6.63E-07 | 6.67E-07 | 1.29E-04 | 2.58E-05 |
| 167959.364276679 | 167959.36 | 3909378.39 | FENCEGRD | 2.81E-05 | 2.83E-05 | 2.85E-05 | 2.86E-05 | 2.66E-06 | 8.99E-06 | 6.83E-07 | 6.87E-07 | 6.91E-07 | 6.95E-07 | 1.28E-04 | 2.56E-05 |
| 167970.812776679 | 167970.81 | 3909356.63 | FENCEGRD | 2.88E-05 | 2.89E-05 | 2.90E-05 | 2.91E-05 | 2.94E-06 | 9.46E-06 | 7.23E-07 | 7.28E-07 | 7.32E-07 | 7.36E-07 | 1.31E-04 | 2.62E-05 |
| 167982.261276679 | 167982.26 | 3909334.87 | FENCEGRD | 3.07E-05 | 3.08E-05 | 3.09E-05 | 3.11E-05 | 3.52E-06 | 1.05E-05 | 8.06E-07 | 8.13E-07 | 8.19E-07 | 8.26E-07 | 1.41E-04 | 2.81E-05 |
| 167993.709776679 | 167993.71 | 3909313.11 | FENCEGRD | 3.23E-05 | 3.25E-05 | 3.27E-05 | 3.29E-05 | 4.89E-06 | 1.31E-05 | 1.02E-06 | 1.03E-06 | 1.04E-06 | 1.06E-06 | 1.53E-04 | 3.05E-05 |
| 168005.158276679 | 168005.16 | 3909291.34 | FENCEGRD | 3.33E-05 | 3.35E-05 | 3.38E-05 | 3.40E-05 | 6.92E-06 | 1.70E-05 | 1.34E-06 | 1.36E-06 | 1.38E-06 | 1.40E-06 | 1.64E-04 | 3.28E-05 |
| 168016.606776679 | 168016.61 | 3909269.58 | FENCEGRD | 3.60E-05 | 3.64E-05 | 3.69E-05 | 3.74E-05 | 9.95E-06 | 2.32E-05 | 1.85E-06 | 1.88E-06 | 1.91E-06 | 1.94E-06 | 1.88E-04 | 3.75E-05 |
| 168028.055276679 | 168028.06 | 3909247.82 | FENCEGRD | 4.43E-05 | 4.52E-05 | 4.63E-05 | 4.75E-05 | 1.30E-05 | 2.97E-05 | 2.38E-06 | 2.42E-06 | 2.46E-06 | 2.50E-06 | 2.36E-04 | 4.71E-05 |
| 168039.503776679 | 168039.50 | 3909226.06 | FENCEGRD | 5.54E-05 | 5.69E-05 | 5.88E-05 | 6.07E-05 | 1.54E-05 | 3.50E-05 | 2.83E-06 | 2.88E-06 | 2.92E-06 | 2.98E-06 | 2.94E-04 | 5.88E-05 |
| 168050.952276679 | 168050.95 | 3909204.30 | FENCEGRD | 6.79E-05 | 7.00E-05 | 7.29E-05 | 7.57E-05 | 1.76E-05 | 3.99E-05 | 3.28E-06 | 3.34E-06 | 3.40E-06 | 3.46E-06 | 3.57E-04 | 7.15E-05 |
| 168062.400776679 | 168062.40 | 3909182.54 | FENCEGRD | 8.36E-05 | 8.70E-05 | 9.13E-05 | 9.55E-05 | 1.96E-05 | 4.45E-05 | 3.77E-06 | 3.84E-06 | 3.91E-06 | 3.99E-06 | 4.37E-04 | 8.74E-05 |
| 168073.849276679 | 168073.85 | 3909160.77 | FENCEGRD | 1.04E-04 | 1.08E-04 | 1.14E-04 | 1.20E-04 | 2.13E-05 | 4.87E-05 | 4.27E-06 | 4.35E-06 | 4.44E-06 | 4.52E-06 | 5.34E-04 | 1.07E-04 |
| 168085.297776679 | 168085.30 | 3909139.01 | FENCEGRD | 1.27E-04 | 1.34E-04 | 1.41E-04 | 1.48E-04 | 2.29E-05 | 5.26E-05 | 4.76E-06 | 4.86E-06 | 4.95E-06 | 5.05E-06 | 6.46E-04 | 1.29E-04 |
| 168096.746276679 | 168096.75 | 3909117.25 | FENCEGRD | 1.53E-04 | 1.61E-04 | 1.70E-04 | 1.79E-04 | 2.44E-05 | 5.63E-05 | 5.22E-06 | 5.32E-06 | 5.42E-06 | 5.53E-06 | 7.64E-04 | 1.53E-04 |
| 168108.194776679 | 168108.19 | 3909095.49 | FENCEGRD | 1.82E-04 | 1.91E-04 | 2.02E-04 | 2.12E-04 | 2.60E-05 | 5.98E-05 | 5.65E-06 | 5.75E-06 | 5.86E-06 | 5.97E-06 | 8.95E-04 | 1.79E-04 |
| 168119.643276679 | 168119.64 | 3909073.73 | FENCEGRD | 2.10E-04 | 2.21E-04 | 2.33E-04 | 2.44E-04 | 2.75E-05 | 6.35E-05 | 6.05E-06 | 6.16E-06 | 6.27E-06 | 6.38E-06 | 1.02E-03 | 2.05E-04 |
| 168131.091776679 | 168131.09 | 3909051.97 | FENCEGRD | 2.37E-04 | 2.48E-04 | 2.61E-04 | 2.72E-04 | 2.90E-05 | 6.73E-05 | 6.45E-06 | 6.56E-06 | 6.68E-06 | 6.80E-06 | 1.14E-03 | 2.28E-04 |
| 168142.540276679 | 168142.54 | 3909030.21 | FENCEGRD | 2.61E-04 | 2.72E-04 | 2.85E-04 | 2.97E-04 | 3.03E-05 | 7.14E-05 | 6.87E-06 | 6.99E-06 | 7.12E-06 | 7.24E-06 | 1.25E-03 | 2.49E-04 |
| 167980.439739182 | 167980.44 | 3909521.71 | FENCEGRD | 2.78E-05 | 2.80E-05 | 2.83E-05 | 2.85E-05 | 2.04E-06 | 7.52E-06 | 5.59E-07 | 5.62E-07 | 5.65E-07 | 5.68E-07 | 1.24E-04 | 2.49E-05 |
| 167958.809132514 | 167958.81 | 3909531.43 | FENCEGRD | 2.80E-05 | 2.81E-05 | 2.82E-05 | 2.83E-05 | 2.00E-06 | 7.45E-06 | 5.59E-07 | 5.61E-07 | 5.64E-07 | 5.66E-07 | 1.24E-04 | 2.49E-05 |
| 167937.178525846 | 167937.18 | 3909541.14 | FENCEGRD | 2.72E-05 | 2.72E-05 | 2.71E-05 | 2.71E-05 | 1.98E-06 | 7.43E-06 | 5.58E-07 | 5.60E-07 | 5.61E-07 | 5.63E-07 | 1.20E-04 | 2.40E-05 |
| 167915.547919179 | 167915.55 | 3909550.86 | FENCEGRD | 2.56E-05 | 2.55E-05 | 2.53E-05 | 2.51E-05 | 1.97E-06 | 7.47E-06 | 5.51E-07 | 5.52E-07 | 5.52E-07 | 5.53E-07 | 1.13E-04 | 2.26E-05 |
| 167893.917312511 | 167893.92 | 3909560.58 | FENCEGRD | 2.37E-05 | 2.35E-05 | 2.33E-05 | 2.32E-05 | 1.98E-06 | 7.63E-06 | 5.38E-07 | 5.38E-07 | 5.38E-07 | 5.38E-07 | 1.06E-04 | 2.11E-05 |
| 167872.286705843 | 167872.29 | 3909570.29 | FENCEGRD | 2.21E-05 | 2.20E-05 | 2.19E-05 | 2.19E-05 | 2.06E-06 | 8.08E-06 | 5.30E-07 | 5.30E-07 | 5.30E-07 | 5.30E-07 | 1.00E-04 | 2.00E-05 |
| 167850.656099176 | 167850.66 | 3909580.01 | FENCEGRD | 2.10E-05 | 2.11E-05 | 2.11E-05 | 2.11E-05 | 2.37E-06 | 9.44E-06 | 5.65E-07 | 5.67E-07 | 5.68E-07 | 5.70E-07 | 9.83E-05 | 1.97E-05 |
| 167829.025492508 | 167829.03 | 3909589.72 | FENCEGRD | 2.07E-05 | 2.08E-05 | 2.10E-05 | 2.11E-05 | 3.19E-06 | 1.23E-05 | 7.01E-07 | 7.07E-07 | 7.11E-07 | 7.16E-07 | 1.02E-04 | 2.04E-05 |
| 167807.394885843 | 167807.39 | 3909599.44 | FENCEGRD | 2.23E-05 | 2.26E-05 | 2.32E-05 | 2.37E-05 | 4.51E-06 | 1.68E-05 | 9.33E-07 | 9.45E-07 | 9.55E-07 | 9.67E-07 | 1.17E-04 | 2.34E-05 |
| 167785.764279173 | 167785.76 | 3909609.16 | FENCEGRD | 2.96E-05 | 3.06E-05 | 3.21E-05 | 3.34E-05 | 5.95E-06 | 2.21E-05 | 1.23E-06 | 1.25E-06 | 1.27E-06 | 1.29E-06 | 1.59E-04 | 3.18E-05 |
| 167764.133672509 | 167764.13 | 3909618.87 | FENCEGRD | 4.44E-05 | 4.64E-05 | 4.91E-05 | 5.16E-05 | 6.87E-06 | 2.71E-05 | 1.52E-06 | 1.54E-06 | 1.57E-06 | 1.60E-06 | 2.32E-04 | 4.63E-05 |
| 167742.503065837 | 167742.50 | 3909628.59 | FENCEGRD | 6.19E-05 | 6.48E-05 | 6.86E-05 | 7.20E-05 | 7.02E-06 | 3.07E-05 | 1.75E-06 | 1.78E-06 | 1.82E-06 | 1.86E-06 | 3.12E-04 | 6.24E-05 |
| 167720.872459173 | 167720.87 | 3909638.30 | FENCEGRD | 7.80E-05 | 8.16E-05 | 8.61E-05 | 9.03E-05 | 6.78E-06 | 3.33E-05 | 1.95E-06 | 1.99E-06 | 2.03E-06 | 2.08E-06 | 3.84E-04 | 7.68E-05 |
| 167699.241852502 | 167699.24 | 3909648.02 | FENCEGRD | 9.22E-05 | 9.64E-05 | 1.01E-04 | 1.06E-04 | 6.66E-06 | 3.53E-05 | 2.16E-06 | 2.20E-06 | 2.25E-06 | 2.30E-06 | 4.47E-04 | 8.94E-05 |
| 167677.611245834 | 167677.61 | 3909657.74 | FENCEGRD | 1.06E-04 | 1.10E-04 | 1.15E-04 | 1.19E-04 | 6.81E-06 | 3.72E-05 | 2.39E-06 | 2.44E-06 | 2.49E-06 | 2.54E-06 | 5.04E-04 | 1.01E-04 |
| 167655.980639167 | 167655.98 | 3909667.45 | FENCEGRD | 1.18E-04 | 1.22E-04 | 1.26E-04 | 1.29E-04 | 7.29E-06 | 3.90E-05 | 2.62E-06 | 2.67E-06 | 2.71E-06 | 2.76E-06 | 5.52E-04 | 1.10E-04 |
| 167634.350032499 | 167634.35 | 3909677.17 | FENCEGRD | 1.28E-04 | 1.31E-04 | 1.34E-04 | 1.36E-04 | 8.11E-06 | 4.09E-05 | 2.84E-06 | 2.88E- | | | | |

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| Max Chronic HI | 0.002 |
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Chronic Hazard Index

| DPM REL (µg/m³) | | | 5.0 | Annual Project GLC (µg/m³) | | | | | | | | | | | CHRONIC HI |
|------------------|-----------|------------|----------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | TOTAL | |
| 168173.797845849 | 168173.80 | 3909185.57 | FENCEGRD | 9.58E-05 | 9.92E-05 | 1.03E-04 | 1.07E-04 | 1.53E-05 | 3.99E-05 | 3.20E-06 | 3.25E-06 | 3.30E-06 | 3.35E-06 | 4.74E-04 | 9.48E-05 |
| 168185.246345849 | 168185.25 | 3909163.81 | FENCEGRD | 1.08E-04 | 1.12E-04 | 1.17E-04 | 1.22E-04 | 1.62E-05 | 4.20E-05 | 3.48E-06 | 3.54E-06 | 3.59E-06 | 3.64E-06 | 5.32E-04 | 1.06E-04 |
| 168196.694845849 | 168196.69 | 3909142.05 | FENCEGRD | 1.21E-04 | 1.25E-04 | 1.31E-04 | 1.36E-04 | 1.71E-05 | 4.42E-05 | 3.78E-06 | 3.84E-06 | 3.90E-06 | 3.96E-06 | 5.90E-04 | 1.18E-04 |
| 168208.143345849 | 168208.14 | 3909120.29 | FENCEGRD | 1.34E-04 | 1.39E-04 | 1.46E-04 | 1.51E-04 | 1.81E-05 | 4.66E-05 | 4.08E-06 | 4.15E-06 | 4.21E-06 | 4.28E-06 | 6.52E-04 | 1.30E-04 |
| 168219.591845849 | 168219.59 | 3909098.53 | FENCEGRD | 1.49E-04 | 1.55E-04 | 1.62E-04 | 1.69E-04 | 1.91E-05 | 4.92E-05 | 4.39E-06 | 4.46E-06 | 4.53E-06 | 4.60E-06 | 7.22E-04 | 1.44E-04 |
| 168231.040345849 | 168231.04 | 3909076.76 | FENCEGRD | 1.63E-04 | 1.69E-04 | 1.77E-04 | 1.84E-04 | 2.01E-05 | 5.17E-05 | 4.67E-06 | 4.74E-06 | 4.81E-06 | 4.88E-06 | 7.84E-04 | 1.57E-04 |
| 168068.800256053 | 168068.80 | 3909568.33 | FENCEGRD | 2.84E-05 | 2.88E-05 | 2.94E-05 | 3.00E-05 | 4.09E-06 | 1.41E-05 | 1.06E-06 | 1.08E-06 | 1.09E-06 | 1.10E-06 | 1.39E-04 | 2.78E-05 |
| 168047.030097082 | 168047.03 | 3909578.11 | FENCEGRD | 2.85E-05 | 2.89E-05 | 2.95E-05 | 2.99E-05 | 3.99E-06 | 1.36E-05 | 1.05E-06 | 1.06E-06 | 1.07E-06 | 1.08E-06 | 1.39E-04 | 2.78E-05 |
| 168025.259938113 | 168025.26 | 3909587.89 | FENCEGRD | 2.88E-05 | 2.92E-05 | 2.96E-05 | 3.00E-05 | 3.99E-06 | 1.36E-05 | 1.06E-06 | 1.07E-06 | 1.09E-06 | 1.10E-06 | 1.40E-04 | 2.79E-05 |
| 168003.489779144 | 168003.49 | 3909597.67 | FENCEGRD | 2.85E-05 | 2.87E-05 | 2.90E-05 | 2.93E-05 | 3.96E-06 | 1.34E-05 | 1.07E-06 | 1.08E-06 | 1.09E-06 | 1.10E-06 | 1.37E-04 | 2.74E-05 |
| 167981.719620175 | 167981.72 | 3909607.45 | FENCEGRD | 2.74E-05 | 2.76E-05 | 2.77E-05 | 2.79E-05 | 3.94E-06 | 1.34E-05 | 1.07E-06 | 1.08E-06 | 1.09E-06 | 1.10E-06 | 1.32E-04 | 2.65E-05 |
| 167959.949461207 | 167959.95 | 3909617.23 | FENCEGRD | 2.52E-05 | 2.52E-05 | 2.52E-05 | 2.53E-05 | 3.71E-06 | 1.28E-05 | 9.99E-07 | 1.01E-06 | 1.01E-06 | 1.02E-06 | 1.21E-04 | 2.43E-05 |
| 167938.179302238 | 167938.18 | 3909627.00 | FENCEGRD | 2.29E-05 | 2.29E-05 | 2.29E-05 | 2.29E-05 | 3.46E-06 | 1.21E-05 | 9.06E-07 | 9.13E-07 | 9.17E-07 | 9.22E-07 | 1.11E-04 | 2.22E-05 |
| 167916.409143269 | 167916.41 | 3909636.78 | FENCEGRD | 2.18E-05 | 2.18E-05 | 2.19E-05 | 2.20E-05 | 3.60E-06 | 1.25E-05 | 8.93E-07 | 8.99E-07 | 9.02E-07 | 9.06E-07 | 1.07E-04 | 2.14E-05 |
| 167894.638984339 | 167894.64 | 3909646.56 | FENCEGRD | 2.17E-05 | 2.19E-05 | 2.21E-05 | 2.23E-05 | 4.02E-06 | 1.38E-05 | 9.30E-07 | 9.37E-07 | 9.41E-07 | 9.46E-07 | 1.10E-04 | 2.19E-05 |
| 167872.868825332 | 167872.87 | 3909656.34 | FENCEGRD | 2.37E-05 | 2.41E-05 | 2.46E-05 | 2.51E-05 | 4.71E-06 | 1.60E-05 | 1.02E-06 | 1.03E-06 | 1.04E-06 | 1.05E-06 | 1.22E-04 | 2.45E-05 |
| 167851.098666363 | 167851.10 | 3909666.12 | FENCEGRD | 2.96E-05 | 3.04E-05 | 3.14E-05 | 3.24E-05 | 5.54E-06 | 1.92E-05 | 1.17E-06 | 1.18E-06 | 1.19E-06 | 1.20E-06 | 1.53E-04 | 3.07E-05 |
| 167829.328507394 | 167829.33 | 3909675.90 | FENCEGRD | 4.01E-05 | 4.14E-05 | 4.31E-05 | 4.47E-05 | 6.11E-06 | 2.24E-05 | 1.31E-06 | 1.32E-06 | 1.33E-06 | 1.35E-06 | 2.03E-04 | 4.06E-05 |
| 167807.558348426 | 167807.56 | 3909685.68 | FENCEGRD | 5.19E-05 | 5.37E-05 | 5.60E-05 | 5.82E-05 | 6.13E-06 | 2.50E-05 | 1.40E-06 | 1.42E-06 | 1.44E-06 | 1.45E-06 | 2.57E-04 | 5.13E-05 |
| 167785.788189457 | 167785.79 | 3909695.46 | FENCEGRD | 6.25E-05 | 6.47E-05 | 6.75E-05 | 7.00E-05 | 5.86E-06 | 2.70E-05 | 1.49E-06 | 1.51E-06 | 1.53E-06 | 1.55E-06 | 3.04E-04 | 6.07E-05 |
| 167764.018030488 | 167764.02 | 3909705.23 | FENCEGRD | 7.15E-05 | 7.40E-05 | 7.72E-05 | 8.00E-05 | 5.60E-06 | 2.88E-05 | 1.59E-06 | 1.62E-06 | 1.65E-06 | 1.67E-06 | 3.44E-04 | 6.87E-05 |
| 167742.247871519 | 167742.25 | 3909715.01 | FENCEGRD | 8.08E-05 | 8.37E-05 | 8.74E-05 | 9.06E-05 | 5.51E-06 | 3.07E-05 | 1.74E-06 | 1.76E-06 | 1.80E-06 | 1.83E-06 | 3.86E-04 | 7.72E-05 |
| 167720.477712551 | 167720.48 | 3909724.79 | FENCEGRD | 9.05E-05 | 9.38E-05 | 9.79E-05 | 1.01E-04 | 5.64E-06 | 3.26E-05 | 1.91E-06 | 1.95E-06 | 1.98E-06 | 2.02E-06 | 4.30E-04 | 8.60E-05 |
| 167698.707553582 | 167698.71 | 3909734.57 | FENCEGRD | 1.01E-04 | 1.04E-04 | 1.09E-04 | 1.12E-04 | 6.03E-06 | 3.46E-05 | 2.12E-06 | 2.16E-06 | 2.20E-06 | 2.24E-06 | 4.75E-04 | 9.50E-05 |
| 167676.937394613 | 167676.94 | 3909744.35 | FENCEGRD | 1.11E-04 | 1.14E-04 | 1.19E-04 | 1.22E-04 | 6.70E-06 | 3.67E-05 | 2.36E-06 | 2.40E-06 | 2.44E-06 | 2.48E-06 | 5.19E-04 | 1.04E-04 |
| 167655.167235649 | 167655.17 | 3909754.13 | FENCEGRD | 1.19E-04 | 1.23E-04 | 1.26E-04 | 1.30E-04 | 7.58E-06 | 3.86E-05 | 2.60E-06 | 2.64E-06 | 2.68E-06 | 2.71E-06 | 5.55E-04 | 1.11E-04 |
| 167633.397076676 | 167633.40 | 3909763.91 | FENCEGRD | 1.26E-04 | 1.28E-04 | 1.32E-04 | 1.35E-04 | 8.61E-06 | 4.04E-05 | 2.81E-06 | 2.84E-06 | 2.87E-06 | 2.91E-06 | 5.81E-04 | 1.16E-04 |
| 167611.626917707 | 167611.63 | 3909773.69 | FENCEGRD | 1.31E-04 | 1.34E-04 | 1.37E-04 | 1.40E-04 | 9.87E-06 | 4.24E-05 | 3.00E-06 | 3.04E-06 | 3.06E-06 | 3.10E-06 | 6.08E-04 | 1.22E-04 |
| 167524.546281832 | 167524.55 | 3909812.80 | FENCEGRD | 1.41E-04 | 1.43E-04 | 1.44E-04 | 1.45E-04 | 1.10E-05 | 4.74E-05 | 3.23E-06 | 3.24E-06 | 3.26E-06 | 3.27E-06 | 6.44E-04 | 1.29E-04 |
| 167502.776122863 | 167502.78 | 3909822.58 | FENCEGRD | 1.40E-04 | 1.42E-04 | 1.43E-04 | 1.45E-04 | 1.09E-05 | 4.84E-05 | 3.21E-06 | 3.22E-06 | 3.25E-06 | 3.27E-06 | 6.42E-04 | 1.28E-04 |
| 167481.005963895 | 167481.01 | 3909832.36 | FENCEGRD | 1.41E-04 | 1.43E-04 | 1.45E-04 | 1.47E-04 | 1.10E-05 | 4.93E-05 | 3.27E-06 | 3.29E-06 | 3.32E-06 | 3.35E-06 | 6.49E-04 | 1.30E-04 |
| 167459.235804926 | 167459.24 | 3909842.14 | FENCEGRD | 1.43E-04 | 1.45E-04 | 1.47E-04 | 1.48E-04 | 1.12E-05 | 5.03E-05 | 3.36E-06 | 3.38E-06 | 3.41E-06 | 3.44E-06 | 6.58E-04 | 1.32E-04 |
| 167437.465645957 | 167437.47 | 3909851.92 | FENCEGRD | 1.42E-04 | 1.44E-04 | 1.46E-04 | 1.48E-04 | 1.13E-05 | 5.04E-05 | 3.38E-06 | 3.41E-06 | 3.44E-06 | 3.47E-06 | 6.55E-04 | 1.31E-04 |
| 167400.981761602 | 167400.98 | 3909842.90 | FENCEGRD | 1.45E-04 | 1.47E-04 | 1.49E-04 | 1.50E-04 | 1.20E-05 | 5.13E-05 | 3.49E-06 | 3.52E-06 | 3.55E-06 | 3.58E-06 | 6.68E-04 | 1.34E-04 |
| 167386.268036219 | 167386.27 | 3909824.11 | FENCEGRD | 1.52E-04 | 1.54E-04 | 1.56E-04 | 1.58E-04 | 1.28E-05 | 5.35E-05 | 3.68E-06 | 3.71E-06 | 3.74E-06 | 3.77E-06 | 7.02E-04 | 1.40E-04 |
| 167371.554310828 | 167371.55 | 3909805.32 | FENCEGRD | 1.63E-04 | 1.65E-04 | 1.67E-04 | 1.69E-04 | 1.40E-05 | 5.68E-05 | 3.95E-06 | 3.98E- | | | | |

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| Max Chronic HI | 0.002 |
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Chronic Hazard Index

| DPM REL (µg/m³) | | | 5.0 | Annual Project GLC (µg/m³) | | | | | | | | | | | CHRONIC HI |
|------------------|-----------|------------|----------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | TOTAL | |
| 168308.091915019 | 168308.09 | 3909145.09 | FENCEGRD | 9.53E-05 | 9.85E-05 | 1.02E-04 | 1.06E-04 | 1.32E-05 | 3.72E-05 | 3.04E-06 | 3.08E-06 | 3.12E-06 | 3.16E-06 | 4.65E-04 | 9.29E-05 |
| 168319.540415019 | 168319.54 | 3909123.32 | FENCEGRD | 1.02E-04 | 1.06E-04 | 1.10E-04 | 1.14E-04 | 1.38E-05 | 3.88E-05 | 3.24E-06 | 3.29E-06 | 3.33E-06 | 3.38E-06 | 4.97E-04 | 9.94E-05 |
| 168157.199537447 | 168157.20 | 3909614.94 | FENCEGRD | 3.42E-05 | 3.49E-05 | 3.58E-05 | 3.67E-05 | 4.48E-06 | 1.64E-05 | 1.19E-06 | 1.20E-06 | 1.21E-06 | 1.22E-06 | 1.67E-04 | 3.35E-05 |
| 168135.328590705 | 168135.33 | 3909624.76 | FENCEGRD | 3.82E-05 | 3.90E-05 | 4.02E-05 | 4.12E-05 | 4.74E-06 | 1.72E-05 | 1.27E-06 | 1.28E-06 | 1.29E-06 | 1.31E-06 | 1.86E-04 | 3.71E-05 |
| 168113.457643964 | 168113.46 | 3909634.58 | FENCEGRD | 4.13E-05 | 4.22E-05 | 4.35E-05 | 4.46E-05 | 4.89E-06 | 1.76E-05 | 1.33E-06 | 1.34E-06 | 1.35E-06 | 1.37E-06 | 1.99E-04 | 3.99E-05 |
| 168091.586697222 | 168091.59 | 3909644.41 | FENCEGRD | 4.28E-05 | 4.37E-05 | 4.50E-05 | 4.61E-05 | 4.95E-06 | 1.77E-05 | 1.37E-06 | 1.38E-06 | 1.39E-06 | 1.40E-06 | 2.06E-04 | 4.11E-05 |
| 168069.715750483 | 168069.72 | 3909654.23 | FENCEGRD | 4.38E-05 | 4.47E-05 | 4.58E-05 | 4.69E-05 | 5.00E-06 | 1.77E-05 | 1.40E-06 | 1.41E-06 | 1.42E-06 | 1.44E-06 | 2.10E-04 | 4.19E-05 |
| 168047.844803739 | 168047.84 | 3909664.06 | FENCEGRD | 4.44E-05 | 4.52E-05 | 4.63E-05 | 4.72E-05 | 5.07E-06 | 1.79E-05 | 1.43E-06 | 1.45E-06 | 1.46E-06 | 1.47E-06 | 2.12E-04 | 4.24E-05 |
| 168025.973856997 | 168025.97 | 3909673.88 | FENCEGRD | 4.49E-05 | 4.56E-05 | 4.65E-05 | 4.74E-05 | 5.16E-06 | 1.81E-05 | 1.46E-06 | 1.47E-06 | 1.48E-06 | 1.49E-06 | 2.13E-04 | 4.27E-05 |
| 168004.102910259 | 168004.10 | 3909683.70 | FENCEGRD | 4.47E-05 | 4.54E-05 | 4.62E-05 | 4.70E-05 | 5.28E-06 | 1.83E-05 | 1.47E-06 | 1.48E-06 | 1.48E-06 | 1.49E-06 | 2.13E-04 | 4.25E-05 |
| 167982.231963513 | 167982.23 | 3909693.53 | FENCEGRD | 4.43E-05 | 4.49E-05 | 4.56E-05 | 4.64E-05 | 5.41E-06 | 1.85E-05 | 1.45E-06 | 1.45E-06 | 1.46E-06 | 1.46E-06 | 2.11E-04 | 4.22E-05 |
| 167960.361016772 | 167960.36 | 3909703.35 | FENCEGRD | 4.31E-05 | 4.37E-05 | 4.45E-05 | 4.53E-05 | 5.52E-06 | 1.86E-05 | 1.40E-06 | 1.40E-06 | 1.41E-06 | 1.41E-06 | 2.06E-04 | 4.13E-05 |
| 167938.490070033 | 167938.49 | 3909713.18 | FENCEGRD | 4.25E-05 | 4.32E-05 | 4.41E-05 | 4.50E-05 | 5.60E-06 | 1.89E-05 | 1.34E-06 | 1.35E-06 | 1.35E-06 | 1.35E-06 | 2.05E-04 | 4.09E-05 |
| 167916.619123288 | 167916.62 | 3909723.00 | FENCEGRD | 4.41E-05 | 4.49E-05 | 4.59E-05 | 4.69E-05 | 5.65E-06 | 1.94E-05 | 1.30E-06 | 1.30E-06 | 1.31E-06 | 1.31E-06 | 2.12E-04 | 4.24E-05 |
| 167894.748176546 | 167894.75 | 3909732.82 | FENCEGRD | 4.67E-05 | 4.77E-05 | 4.89E-05 | 5.00E-05 | 5.62E-06 | 2.02E-05 | 1.26E-06 | 1.27E-06 | 1.28E-06 | 1.28E-06 | 2.24E-04 | 4.48E-05 |
| 167872.877229805 | 167872.88 | 3909742.65 | FENCEGRD | 4.91E-05 | 5.02E-05 | 5.16E-05 | 5.29E-05 | 5.49E-06 | 2.11E-05 | 1.25E-06 | 1.26E-06 | 1.27E-06 | 1.27E-06 | 2.35E-04 | 4.71E-05 |
| 167851.006283063 | 167851.01 | 3909752.47 | FENCEGRD | 5.25E-05 | 5.38E-05 | 5.54E-05 | 5.69E-05 | 5.29E-06 | 2.22E-05 | 1.26E-06 | 1.27E-06 | 1.28E-06 | 1.29E-06 | 2.51E-04 | 5.02E-05 |
| 167829.135336321 | 167829.14 | 3909762.30 | FENCEGRD | 5.68E-05 | 5.84E-05 | 6.04E-05 | 6.22E-05 | 5.08E-06 | 2.36E-05 | 1.30E-06 | 1.31E-06 | 1.33E-06 | 1.34E-06 | 2.72E-04 | 5.43E-05 |
| 167807.264389583 | 167807.26 | 3909772.12 | FENCEGRD | 6.20E-05 | 6.39E-05 | 6.63E-05 | 6.85E-05 | 4.92E-06 | 2.51E-05 | 1.37E-06 | 1.39E-06 | 1.41E-06 | 1.43E-06 | 2.96E-04 | 5.93E-05 |
| 167785.393442838 | 167785.39 | 3909781.94 | FENCEGRD | 6.81E-05 | 7.03E-05 | 7.30E-05 | 7.54E-05 | 4.87E-06 | 2.67E-05 | 1.47E-06 | 1.49E-06 | 1.51E-06 | 1.54E-06 | 3.24E-04 | 6.49E-05 |
| 167763.522496096 | 167763.52 | 3909791.77 | FENCEGRD | 7.43E-05 | 7.68E-05 | 7.98E-05 | 8.25E-05 | 4.94E-06 | 2.83E-05 | 1.59E-06 | 1.62E-06 | 1.64E-06 | 1.67E-06 | 3.53E-04 | 7.06E-05 |
| 167741.651549354 | 167741.65 | 3909801.59 | FENCEGRD | 8.09E-05 | 8.36E-05 | 8.69E-05 | 8.99E-05 | 5.16E-06 | 2.99E-05 | 1.74E-06 | 1.76E-06 | 1.80E-06 | 1.83E-06 | 3.83E-04 | 7.67E-05 |
| 167719.780602613 | 167719.78 | 3909811.42 | FENCEGRD | 8.80E-05 | 9.10E-05 | 9.46E-05 | 9.77E-05 | 5.53E-06 | 3.15E-05 | 1.90E-06 | 1.93E-06 | 1.97E-06 | 2.00E-06 | 4.16E-04 | 8.32E-05 |
| 167697.909655871 | 167697.91 | 3909821.24 | FENCEGRD | 9.56E-05 | 9.86E-05 | 1.02E-04 | 1.05E-04 | 6.07E-06 | 3.32E-05 | 2.09E-06 | 2.12E-06 | 2.16E-06 | 2.19E-06 | 4.49E-04 | 8.99E-05 |
| 167676.038709129 | 167676.04 | 3909831.07 | FENCEGRD | 1.03E-04 | 1.06E-04 | 1.09E-04 | 1.12E-04 | 6.77E-06 | 3.48E-05 | 2.29E-06 | 2.32E-06 | 2.36E-06 | 2.39E-06 | 4.80E-04 | 9.60E-05 |
| 167654.167762388 | 167654.17 | 3909840.89 | FENCEGRD | 1.10E-04 | 1.13E-04 | 1.16E-04 | 1.19E-04 | 7.78E-06 | 3.70E-05 | 2.52E-06 | 2.55E-06 | 2.59E-06 | 2.62E-06 | 5.13E-04 | 1.03E-04 |
| 167566.683975421 | 167566.68 | 3909880.19 | FENCEGRD | 1.19E-04 | 1.21E-04 | 1.23E-04 | 1.23E-04 | 9.78E-06 | 4.08E-05 | 2.88E-06 | 2.89E-06 | 2.91E-06 | 2.91E-06 | 5.48E-04 | 1.10E-04 |
| 167544.813028679 | 167544.81 | 3909890.01 | FENCEGRD | 1.18E-04 | 1.18E-04 | 1.19E-04 | 1.20E-04 | 9.52E-06 | 4.15E-05 | 2.79E-06 | 2.79E-06 | 2.80E-06 | 2.80E-06 | 5.37E-04 | 1.07E-04 |
| 167522.942081937 | 167522.94 | 3909899.83 | FENCEGRD | 1.15E-04 | 1.16E-04 | 1.16E-04 | 1.17E-04 | 9.24E-06 | 4.08E-05 | 2.70E-06 | 2.71E-06 | 2.72E-06 | 2.73E-06 | 5.25E-04 | 1.05E-04 |
| 167501.071135196 | 167501.07 | 3909909.66 | FENCEGRD | 1.13E-04 | 1.14E-04 | 1.15E-04 | 1.15E-04 | 9.02E-06 | 4.03E-05 | 2.65E-06 | 2.66E-06 | 2.68E-06 | 2.69E-06 | 5.16E-04 | 1.03E-04 |
| 167479.200188454 | 167479.20 | 3909919.48 | FENCEGRD | 1.11E-04 | 1.12E-04 | 1.13E-04 | 1.14E-04 | 8.87E-06 | 4.01E-05 | 2.63E-06 | 2.64E-06 | 2.66E-06 | 2.68E-06 | 5.11E-04 | 1.02E-04 |
| 167457.329241712 | 167457.33 | 3909929.31 | FENCEGRD | 1.10E-04 | 1.12E-04 | 1.13E-04 | 1.14E-04 | 8.86E-06 | 4.02E-05 | 2.64E-06 | 2.66E-06 | 2.68E-06 | 2.70E-06 | 5.09E-04 | 1.02E-04 |
| 167435.458294973 | 167435.46 | 3909939.13 | FENCEGRD | 1.11E-04 | 1.13E-04 | 1.14E-04 | 1.15E-04 | 9.06E-06 | 4.09E-05 | 2.70E-06 | 2.72E-06 | 2.74E-06 | 2.77E-06 | 5.14E-04 | 1.03E-04 |
| 167413.587348229 | 167413.59 | 3909948.95 | FENCEGRD | 1.13E-04 | 1.14E-04 | 1.16E-04 | 1.17E-04 | 9.37E-06 | 4.19E-05 | 2.78E-06 | 2.80E-06 | 2.83E-06 | 2.85E-06 | 5.23E-04 | 1.05E-04 |
| 167376.934557001 | 167376.93 | 3909939.90 | FENCEGRD | 1.21E-04 | 1.22E-04 | 1.24E-04 | 1.25E-04 | 1.04E-05 | 4.49E-05 | 3.03E-06 | 3.06E-06 | 3.08E-06 | 3.11E-06 | 5.60E-04 | 1.12E-04 |
| 167362.152712515 | 167362.15 | 3909921.02 | FENCEGRD | 1.28E-04 | 1.29E-04 | 1.31E-04 | 1.32E-04 | 1.11E-05 | 4.71E-05 | 3.21E-06 | 3.23E | | | | |

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| Max Chronic HI | 0.002 |
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Chronic Hazard Index

| DPM REL (µg/m³) | | | 5.0 | Annual Project GLC (µg/m³) | | | | | | | | | | | CHRONIC HI |
|------------------|-----------|------------|----------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | TOTAL | |
| 168327.900984189 | 168327.90 | 3909322.21 | FENCEGRD | 4.47E-05 | 4.57E-05 | 4.71E-05 | 4.83E-05 | 6.35E-06 | 2.21E-05 | 1.56E-06 | 1.58E-06 | 1.59E-06 | 1.61E-06 | 2.21E-04 | 4.41E-05 |
| 168339.349484189 | 168339.35 | 3909300.45 | FENCEGRD | 4.70E-05 | 4.81E-05 | 4.95E-05 | 5.07E-05 | 6.79E-06 | 2.28E-05 | 1.61E-06 | 1.63E-06 | 1.64E-06 | 1.66E-06 | 2.31E-04 | 4.63E-05 |
| 168350.797984189 | 168350.80 | 3909278.69 | FENCEGRD | 4.88E-05 | 4.99E-05 | 5.13E-05 | 5.26E-05 | 7.28E-06 | 2.37E-05 | 1.67E-06 | 1.69E-06 | 1.71E-06 | 1.73E-06 | 2.40E-04 | 4.81E-05 |
| 168362.246484189 | 168362.25 | 3909256.93 | FENCEGRD | 5.01E-05 | 5.13E-05 | 5.27E-05 | 5.41E-05 | 7.79E-06 | 2.46E-05 | 1.76E-06 | 1.78E-06 | 1.80E-06 | 1.82E-06 | 2.48E-04 | 4.95E-05 |
| 168373.694984189 | 168373.69 | 3909235.17 | FENCEGRD | 5.22E-05 | 5.35E-05 | 5.52E-05 | 5.67E-05 | 8.32E-06 | 2.57E-05 | 1.87E-06 | 1.89E-06 | 1.91E-06 | 1.93E-06 | 2.59E-04 | 5.18E-05 |
| 168385.143484189 | 168385.14 | 3909213.41 | FENCEGRD | 5.62E-05 | 5.78E-05 | 5.97E-05 | 6.16E-05 | 8.91E-06 | 2.70E-05 | 2.00E-06 | 2.03E-06 | 2.05E-06 | 2.08E-06 | 2.79E-04 | 5.59E-05 |
| 168396.591984189 | 168396.59 | 3909191.64 | FENCEGRD | 6.11E-05 | 6.29E-05 | 6.52E-05 | 6.73E-05 | 9.46E-06 | 2.82E-05 | 2.14E-06 | 2.17E-06 | 2.20E-06 | 2.23E-06 | 3.03E-04 | 6.06E-05 |
| 168408.040484189 | 168408.04 | 3909169.88 | FENCEGRD | 6.50E-05 | 6.70E-05 | 6.94E-05 | 7.16E-05 | 9.88E-06 | 2.91E-05 | 2.27E-06 | 2.30E-06 | 2.32E-06 | 2.35E-06 | 3.21E-04 | 6.42E-05 |
| 167787.000405301 | 167787.00 | 3908808.03 | FENCEGRD | 8.68E-04 | 8.43E-04 | 8.11E-04 | 7.74E-04 | 3.08E-05 | 3.51E-04 | 1.30E-05 | 1.28E-05 | 1.25E-05 | 1.22E-05 | 3.73E-03 | 7.46E-04 |
| 167754.375442749 | 167754.38 | 3908835.86 | FENCEGRD | 9.17E-04 | 8.67E-04 | 8.04E-04 | 7.51E-04 | 2.94E-05 | 3.39E-04 | 1.26E-05 | 1.22E-05 | 1.18E-05 | 1.14E-05 | 3.76E-03 | 7.51E-04 |
| 167733.477442749 | 167733.48 | 3908848.95 | FENCEGRD | 8.81E-04 | 8.19E-04 | 7.51E-04 | 6.94E-04 | 2.78E-05 | 3.12E-04 | 1.16E-05 | 1.12E-05 | 1.08E-05 | 1.04E-05 | 3.53E-03 | 7.06E-04 |
| 167712.579442749 | 167712.58 | 3908862.03 | FENCEGRD | 8.03E-04 | 7.38E-04 | 6.69E-04 | 6.13E-04 | 2.56E-05 | 2.62E-04 | 1.04E-05 | 9.93E-06 | 9.50E-06 | 9.11E-06 | 3.15E-03 | 6.30E-04 |
| 167691.681442749 | 167691.68 | 3908875.12 | FENCEGRD | 7.11E-04 | 6.46E-04 | 5.78E-04 | 5.26E-04 | 2.33E-05 | 2.20E-04 | 9.05E-06 | 8.63E-06 | 8.22E-06 | 7.85E-06 | 2.74E-03 | 5.48E-04 |
| 167670.783442749 | 167670.78 | 3908888.20 | FENCEGRD | 5.99E-04 | 5.39E-04 | 4.79E-04 | 4.33E-04 | 2.09E-05 | 1.89E-04 | 7.63E-06 | 7.24E-06 | 6.87E-06 | 6.54E-06 | 2.29E-03 | 4.58E-04 |
| 167762.006885491 | 167762.01 | 3908801.59 | FENCEGRD | 7.68E-04 | 7.23E-04 | 6.74E-04 | 6.33E-04 | 2.65E-05 | 2.52E-04 | 1.10E-05 | 1.07E-05 | 1.04E-05 | 1.00E-05 | 3.12E-03 | 6.24E-04 |
| 167741.108885491 | 167741.11 | 3908814.67 | FENCEGRD | 7.22E-04 | 6.75E-04 | 6.23E-04 | 5.81E-04 | 2.48E-05 | 2.08E-04 | 1.01E-05 | 9.73E-06 | 9.39E-06 | 9.06E-06 | 2.87E-03 | 5.74E-04 |
| 167720.210885491 | 167720.21 | 3908827.76 | FENCEGRD | 6.68E-04 | 6.19E-04 | 5.66E-04 | 5.24E-04 | 2.30E-05 | 1.73E-04 | 9.11E-06 | 8.76E-06 | 8.41E-06 | 8.10E-06 | 2.61E-03 | 5.21E-04 |
| 167699.312885491 | 167699.31 | 3908840.84 | FENCEGRD | 5.94E-04 | 5.46E-04 | 4.96E-04 | 4.57E-04 | 2.10E-05 | 1.43E-04 | 7.97E-06 | 7.64E-06 | 7.31E-06 | 7.02E-06 | 2.29E-03 | 4.57E-04 |
| 167678.414885491 | 167678.41 | 3908853.93 | FENCEGRD | 5.22E-04 | 4.76E-04 | 4.29E-04 | 3.93E-04 | 1.92E-05 | 1.26E-04 | 6.92E-06 | 6.61E-06 | 6.31E-06 | 6.04E-06 | 1.99E-03 | 3.98E-04 |
| 167657.516885491 | 167657.52 | 3908867.01 | FENCEGRD | 4.46E-04 | 4.05E-04 | 3.64E-04 | 3.33E-04 | 1.73E-05 | 1.15E-04 | 5.90E-06 | 5.62E-06 | 5.35E-06 | 5.12E-06 | 1.70E-03 | 3.40E-04 |
| 167794.142777813 | 167794.14 | 3908784.69 | FENCEGRD | 7.99E-04 | 7.72E-04 | 7.35E-04 | 6.98E-04 | 2.90E-05 | 3.07E-04 | 1.23E-05 | 1.20E-05 | 1.17E-05 | 1.14E-05 | 3.39E-03 | 6.77E-04 |
| 167816.844002601 | 167816.84 | 3908786.84 | FENCEGRD | 8.29E-04 | 8.09E-04 | 7.89E-04 | 7.70E-04 | 3.18E-05 | 3.80E-04 | 1.30E-05 | 1.29E-05 | 1.27E-05 | 1.25E-05 | 3.66E-03 | 7.32E-04 |
| 167748.740328236 | 167748.74 | 3908780.40 | FENCEGRD | 6.15E-04 | 5.78E-04 | 5.37E-04 | 5.03E-04 | 2.27E-05 | 1.73E-04 | 9.04E-06 | 8.75E-06 | 8.46E-06 | 8.18E-06 | 2.46E-03 | 4.93E-04 |
| 167727.842328236 | 167727.84 | 3908793.49 | FENCEGRD | 5.77E-04 | 5.38E-04 | 4.96E-04 | 4.62E-04 | 2.13E-05 | 1.44E-04 | 8.29E-06 | 7.99E-06 | 7.70E-06 | 7.43E-06 | 2.27E-03 | 4.54E-04 |
| 167706.944328236 | 167706.94 | 3908806.57 | FENCEGRD | 5.24E-04 | 4.85E-04 | 4.45E-04 | 4.12E-04 | 1.96E-05 | 1.17E-04 | 7.38E-06 | 7.09E-06 | 6.81E-06 | 6.56E-06 | 2.03E-03 | 4.06E-04 |
| 167686.046328236 | 167686.05 | 3908819.65 | FENCEGRD | 4.69E-04 | 4.32E-04 | 3.94E-04 | 3.64E-04 | 1.80E-05 | 9.81E-05 | 6.51E-06 | 6.24E-06 | 5.98E-06 | 5.74E-06 | 1.80E-03 | 3.60E-04 |
| 167665.148328236 | 167665.15 | 3908832.74 | FENCEGRD | 4.10E-04 | 3.76E-04 | 3.41E-04 | 3.15E-04 | 1.64E-05 | 8.52E-05 | 5.62E-06 | 5.38E-06 | 5.15E-06 | 4.94E-06 | 1.57E-03 | 3.13E-04 |
| 167644.250328236 | 167644.25 | 3908845.82 | FENCEGRD | 3.50E-04 | 3.21E-04 | 2.92E-04 | 2.71E-04 | 1.47E-05 | 7.79E-05 | 4.77E-06 | 4.56E-06 | 4.36E-06 | 4.19E-06 | 1.34E-03 | 2.69E-04 |
| 167783.903050533 | 167783.90 | 3908763.79 | FENCEGRD | 6.93E-04 | 6.58E-04 | 6.19E-04 | 5.86E-04 | 2.57E-05 | 2.43E-04 | 1.06E-05 | 1.03E-05 | 1.00E-05 | 9.77E-06 | 2.87E-03 | 5.73E-04 |
| 167808.117690304 | 167808.12 | 3908766.08 | FENCEGRD | 7.54E-04 | 7.34E-04 | 7.06E-04 | 6.73E-04 | 2.87E-05 | 3.00E-04 | 1.21E-05 | 1.18E-05 | 1.16E-05 | 1.13E-05 | 3.24E-03 | 6.49E-04 |
| 167868.842829443 | 167868.84 | 3908842.58 | FENCEGRD | 9.53E-04 | 9.36E-04 | 9.17E-04 | 8.99E-04 | 3.47E-05 | 4.08E-04 | 1.60E-05 | 1.57E-05 | 1.54E-05 | 1.51E-05 | 4.21E-03 | 8.42E-04 |
| 167735.473770981 | 167735.47 | 3908759.21 | FENCEGRD | 5.15E-04 | 4.82E-04 | 4.47E-04 | 4.19E-04 | 2.01E-05 | 1.33E-04 | 7.75E-06 | 7.49E-06 | 7.23E-06 | 6.99E-06 | 2.05E-03 | 4.09E-04 |
| 167714.575770981 | 167714.58 | 3908772.30 | FENCEGRD | 4.75E-04 | 4.42E-04 | 4.08E-04 | 3.80E-04 | 1.87E-05 | 1.10E-04 | 6.99E-06 | 6.74E-06 | 6.49E-06 | 6.26E-06 | 1.86E-03 | 3.72E-04 |
| 167693.677770981 | 167693.68 | 3908785.38 | FENCEGRD | 4.29E-04 | 3.98E-04 | 3.65E-04 | 3.39E-04 | 1.72E-05 | 8.98E-05 | 6.21E-06 | 5.97E-06 | 5.74E-06 | 5.52E-06 | 1.66E-03 | 3.32E-04 |
| 167672.779770981 | 167672.78 | 3908798.46 | FENCEGRD | 3.81E-04 | 3.52E-04 | 3.22E-04 | 2.99E-04 | 1.57E-05 | 7.46E-05 | 5.42E-06 | 5.21E-06 | 5.00E-06 | 4.81E-06 | 1.46E-03 | 2.93E-04 |
| 167651.881770981 | 167651.88 | 3908811.55 | FENCEGRD | 3.32E-04 | 3.07E-04 | 2.81E-04 | 2.62E-04 | 1.42E-05 | 6.39E-05 | 4.67E-06 | 4.48E- | | | | |

| | |
|----------------|-------|
| Max Chronic HI | 0.002 |
|----------------|-------|

Chronic Hazard Index

| DPM REL (µg/m³) | | | 5.0 | Annual Project GLC (µg/m³) | | | | | | | | | | | | CHRONIC HI |
|------------------|-----------|------------|----------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | TOTAL | | |
| 167818.857579779 | 167818.86 | 3908647.48 | FENCEGRD | 4.29E-04 | 4.16E-04 | 4.02E-04 | 3.90E-04 | 2.06E-05 | 1.58E-04 | 7.73E-06 | 7.61E-06 | 7.47E-06 | 7.35E-06 | 1.85E-03 | 3.69E-04 | |
| 167842.140887259 | 167842.14 | 3908649.68 | FENCEGRD | 4.60E-04 | 4.47E-04 | 4.35E-04 | 4.24E-04 | 2.19E-05 | 1.82E-04 | 8.33E-06 | 8.22E-06 | 8.09E-06 | 7.97E-06 | 2.00E-03 | 4.01E-04 | |
| 167865.424194733 | 167865.42 | 3908651.88 | FENCEGRD | 4.86E-04 | 4.75E-04 | 4.63E-04 | 4.53E-04 | 2.30E-05 | 2.05E-04 | 8.85E-06 | 8.75E-06 | 8.63E-06 | 8.52E-06 | 2.14E-03 | 4.28E-04 | |
| 167888.707502209 | 167888.71 | 3908654.08 | FENCEGRD | 5.08E-04 | 4.98E-04 | 4.87E-04 | 4.79E-04 | 2.41E-05 | 2.25E-04 | 9.33E-06 | 9.23E-06 | 9.13E-06 | 9.03E-06 | 2.26E-03 | 4.52E-04 | |
| 167911.990809683 | 167911.99 | 3908656.28 | FENCEGRD | 5.30E-04 | 5.22E-04 | 5.12E-04 | 5.04E-04 | 2.53E-05 | 2.45E-04 | 9.84E-06 | 9.75E-06 | 9.65E-06 | 9.55E-06 | 2.38E-03 | 4.75E-04 | |
| 167935.274117156 | 167935.27 | 3908658.48 | FENCEGRD | 5.56E-04 | 5.48E-04 | 5.39E-04 | 5.32E-04 | 2.67E-05 | 2.66E-04 | 1.05E-05 | 1.04E-05 | 1.03E-05 | 1.02E-05 | 2.51E-03 | 5.02E-04 | |
| 167974.321347183 | 167974.32 | 3908752.89 | FENCEGRD | 8.03E-04 | 7.97E-04 | 7.91E-04 | 7.84E-04 | 3.62E-05 | 3.27E-04 | 1.48E-05 | 1.47E-05 | 1.46E-05 | 1.45E-05 | 3.60E-03 | 7.19E-04 | |
| 167978.262327821 | 167978.26 | 3908775.95 | FENCEGRD | 8.43E-04 | 8.39E-04 | 8.37E-04 | 8.32E-04 | 3.75E-05 | 3.07E-04 | 1.54E-05 | 1.54E-05 | 1.53E-05 | 1.52E-05 | 3.76E-03 | 7.51E-04 | |
| 167982.203308459 | 167982.20 | 3908799.00 | FENCEGRD | 8.75E-04 | 8.77E-04 | 8.80E-04 | 8.80E-04 | 3.92E-05 | 2.83E-04 | 1.61E-05 | 1.60E-05 | 1.60E-05 | 1.59E-05 | 3.90E-03 | 7.80E-04 | |
| 167986.144289097 | 167986.14 | 3908822.05 | FENCEGRD | 8.91E-04 | 9.00E-04 | 9.10E-04 | 9.15E-04 | 4.09E-05 | 2.59E-04 | 1.66E-05 | 1.66E-05 | 1.66E-05 | 1.66E-05 | 3.98E-03 | 7.97E-04 | |
| 167990.085269739 | 167990.09 | 3908845.10 | FENCEGRD | 8.91E-04 | 9.08E-04 | 9.25E-04 | 9.37E-04 | 4.27E-05 | 2.36E-04 | 1.69E-05 | 1.70E-05 | 1.70E-05 | 1.71E-05 | 4.01E-03 | 8.02E-04 | |
| 167994.026250373 | 167994.03 | 3908868.16 | FENCEGRD | 8.76E-04 | 8.98E-04 | 9.23E-04 | 9.42E-04 | 4.45E-05 | 2.14E-04 | 1.70E-05 | 1.71E-05 | 1.73E-05 | 1.74E-05 | 3.97E-03 | 7.93E-04 | |
| 167997.967231011 | 167997.97 | 3908891.21 | FENCEGRD | 8.46E-04 | 8.73E-04 | 9.04E-04 | 9.28E-04 | 4.61E-05 | 1.93E-04 | 1.68E-05 | 1.70E-05 | 1.72E-05 | 1.74E-05 | 3.86E-03 | 7.71E-04 | |
| 168001.908211649 | 168001.91 | 3908914.26 | FENCEGRD | 7.96E-04 | 8.28E-04 | 8.64E-04 | 8.94E-04 | 4.72E-05 | 1.73E-04 | 1.64E-05 | 1.66E-05 | 1.68E-05 | 1.70E-05 | 3.67E-03 | 7.34E-04 | |
| 168005.849192287 | 168005.85 | 3908937.31 | FENCEGRD | 7.24E-04 | 7.60E-04 | 8.00E-04 | 8.35E-04 | 4.76E-05 | 1.54E-04 | 1.56E-05 | 1.58E-05 | 1.61E-05 | 1.63E-05 | 3.38E-03 | 6.77E-04 | |
| 167655.874427453 | 167655.87 | 3908632.07 | FENCEGRD | 1.97E-04 | 1.87E-04 | 1.77E-04 | 1.69E-04 | 9.92E-06 | 4.51E-05 | 3.27E-06 | 3.18E-06 | 3.09E-06 | 3.01E-06 | 7.98E-04 | 1.60E-04 | |
| 167634.976427453 | 167634.98 | 3908645.16 | FENCEGRD | 1.81E-04 | 1.72E-04 | 1.63E-04 | 1.55E-04 | 9.05E-06 | 3.87E-05 | 2.91E-06 | 2.84E-06 | 2.76E-06 | 2.69E-06 | 7.30E-04 | 1.46E-04 | |
| 167614.078427453 | 167614.08 | 3908658.24 | FENCEGRD | 1.66E-04 | 1.58E-04 | 1.50E-04 | 1.44E-04 | 8.27E-06 | 3.35E-05 | 2.61E-06 | 2.55E-06 | 2.48E-06 | 2.42E-06 | 6.70E-04 | 1.34E-04 | |
| 167593.180427453 | 167593.18 | 3908671.33 | FENCEGRD | 1.53E-04 | 1.46E-04 | 1.39E-04 | 1.33E-04 | 7.56E-06 | 2.94E-05 | 2.35E-06 | 2.30E-06 | 2.24E-06 | 2.19E-06 | 6.16E-04 | 1.23E-04 | |
| 167572.282427453 | 167572.28 | 3908684.41 | FENCEGRD | 1.40E-04 | 1.33E-04 | 1.26E-04 | 1.21E-04 | 6.93E-06 | 2.60E-05 | 2.12E-06 | 2.07E-06 | 2.02E-06 | 1.97E-06 | 5.61E-04 | 1.12E-04 | |
| 167551.384427453 | 167551.38 | 3908697.49 | FENCEGRD | 1.26E-04 | 1.20E-04 | 1.13E-04 | 1.08E-04 | 6.37E-06 | 2.33E-05 | 1.89E-06 | 1.85E-06 | 1.80E-06 | 1.76E-06 | 5.04E-04 | 1.01E-04 | |
| 167653.555952718 | 167653.56 | 3908591.98 | FENCEGRD | 1.77E-04 | 1.69E-04 | 1.60E-04 | 1.53E-04 | 9.16E-06 | 4.27E-05 | 3.02E-06 | 2.94E-06 | 2.87E-06 | 2.79E-06 | 7.22E-04 | 1.44E-04 | |
| 167677.770592492 | 167677.77 | 3908594.27 | FENCEGRD | 2.04E-04 | 1.94E-04 | 1.83E-04 | 1.74E-04 | 1.04E-05 | 5.19E-05 | 3.54E-06 | 3.45E-06 | 3.35E-06 | 3.26E-06 | 8.30E-04 | 1.66E-04 | |
| 167701.985232266 | 167701.99 | 3908596.56 | FENCEGRD | 2.38E-04 | 2.26E-04 | 2.13E-04 | 2.02E-04 | 1.20E-05 | 6.48E-05 | 4.21E-06 | 4.09E-06 | 3.97E-06 | 3.86E-06 | 9.71E-04 | 1.94E-04 | |
| 167726.199872043 | 167726.20 | 3908598.85 | FENCEGRD | 2.74E-04 | 2.62E-04 | 2.47E-04 | 2.35E-04 | 1.37E-05 | 7.78E-05 | 4.98E-06 | 4.84E-06 | 4.70E-06 | 4.57E-06 | 1.13E-03 | 2.26E-04 | |
| 167750.414511819 | 167750.41 | 3908601.14 | FENCEGRD | 2.97E-04 | 2.87E-04 | 2.77E-04 | 2.70E-04 | 1.57E-05 | 8.96E-05 | 5.56E-06 | 5.47E-06 | 5.36E-06 | 5.26E-06 | 1.26E-03 | 2.52E-04 | |
| 167774.629151589 | 167774.63 | 3908603.43 | FENCEGRD | 3.20E-04 | 3.09E-04 | 2.98E-04 | 2.88E-04 | 1.68E-05 | 1.03E-04 | 5.96E-06 | 5.86E-06 | 5.74E-06 | 5.63E-06 | 1.36E-03 | 2.71E-04 | |
| 167798.843791363 | 167798.84 | 3908605.72 | FENCEGRD | 3.44E-04 | 3.33E-04 | 3.21E-04 | 3.11E-04 | 1.76E-05 | 1.19E-04 | 6.41E-06 | 6.30E-06 | 6.18E-06 | 6.07E-06 | 1.47E-03 | 2.94E-04 | |
| 167823.058431138 | 167823.06 | 3908608.00 | FENCEGRD | 3.72E-04 | 3.61E-04 | 3.49E-04 | 3.39E-04 | 1.87E-05 | 1.38E-04 | 6.95E-06 | 6.84E-06 | 6.71E-06 | 6.60E-06 | 1.60E-03 | 3.21E-04 | |
| 167847.273070912 | 167847.27 | 3908610.29 | FENCEGRD | 4.01E-04 | 3.91E-04 | 3.79E-04 | 3.70E-04 | 2.00E-05 | 1.59E-04 | 7.53E-06 | 7.42E-06 | 7.31E-06 | 7.20E-06 | 1.75E-03 | 3.50E-04 | |
| 167871.487710686 | 167871.49 | 3908612.58 | FENCEGRD | 4.25E-04 | 4.16E-04 | 4.06E-04 | 3.97E-04 | 2.11E-05 | 1.78E-04 | 8.03E-06 | 7.94E-06 | 7.83E-06 | 7.73E-06 | 1.87E-03 | 3.75E-04 | |
| 167895.702350461 | 167895.70 | 3908614.87 | FENCEGRD | 4.46E-04 | 4.38E-04 | 4.29E-04 | 4.21E-04 | 2.22E-05 | 1.96E-04 | 8.49E-06 | 8.40E-06 | 8.31E-06 | 8.22E-06 | 1.99E-03 | 3.97E-04 | |
| 167919.916990239 | 167919.92 | 3908617.16 | FENCEGRD | 4.63E-04 | 4.56E-04 | 4.49E-04 | 4.41E-04 | 2.31E-05 | 2.12E-04 | 8.90E-06 | 8.82E-06 | 8.73E-06 | 8.65E-06 | 2.08E-03 | 4.16E-04 | |
| 167944.131630009 | 167944.13 | 3908619.45 | FENCEGRD | 4.77E-04 | 4.70E-04 | 4.63E-04 | 4.57E-04 | 2.38E-05 | 2.27E-04 | 9.24E-06 | 9.16E-06 | 9.07E-06 | 8.99E-06 | 2.15E-03 | 4.31E-04 | |
| 167968.346269784 | 167968.35 | 3908621.74 | FENCEGRD | 5.02E-04 | 4.95E-04 | 4.87E-04 | 4.81E-04 | 2.52E-05 | 2.45E-04 | 9.83E-06 | 9.75E-06 | 9.66E-06 | 9.58E-06 | 2.27E-03 | 4.55E-04 | |
| 167996.659529421 | 167996.66 | 3908648.00 | FENCEGRD | 5.88E-04 | 5.81E-04 | 5.74E-04 | 5.68E-04 | 2.99E-05 | 2.94E-04 | 1.19E-05 | 1.18E-05 | 1.1. | | | | |

| | |
|----------------|-------|
| Max Chronic HI | 0.002 |
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Chronic Hazard Index

| DPM REL (µg/m³) | | | 5.0 | Annual Project GLC (µg/m³) | | | | | | | | | | | CHRONIC HI |
|------------------|-----------|------------|----------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | TOTAL | |
| 168097.455458182 | 168097.46 | 3908766.48 | FENCEGRD | 6.93E-04 | 7.03E-04 | 7.14E-04 | 7.23E-04 | 3.90E-05 | 2.26E-04 | 1.46E-05 | 1.47E-05 | 1.48E-05 | 1.48E-05 | 3.16E-03 | 6.31E-04 |
| 168101.554078049 | 168101.55 | 3908790.46 | FENCEGRD | 6.90E-04 | 7.04E-04 | 7.19E-04 | 7.31E-04 | 4.04E-05 | 2.09E-04 | 1.47E-05 | 1.48E-05 | 1.49E-05 | 1.50E-05 | 3.15E-03 | 6.31E-04 |
| 168105.652697909 | 168105.65 | 3908814.43 | FENCEGRD | 6.79E-04 | 6.95E-04 | 7.14E-04 | 7.29E-04 | 4.15E-05 | 1.92E-04 | 1.46E-05 | 1.47E-05 | 1.49E-05 | 1.50E-05 | 3.11E-03 | 6.22E-04 |
| 168109.751317772 | 168109.75 | 3908838.41 | FENCEGRD | 6.55E-04 | 6.74E-04 | 6.95E-04 | 7.13E-04 | 4.20E-05 | 1.74E-04 | 1.42E-05 | 1.44E-05 | 1.46E-05 | 1.47E-05 | 3.01E-03 | 6.02E-04 |
| 168113.849937639 | 168113.85 | 3908862.38 | FENCEGRD | 6.15E-04 | 6.36E-04 | 6.60E-04 | 6.81E-04 | 4.18E-05 | 1.56E-04 | 1.36E-05 | 1.38E-05 | 1.40E-05 | 1.42E-05 | 2.85E-03 | 5.69E-04 |
| 168117.948557499 | 168117.95 | 3908886.36 | FENCEGRD | 5.72E-04 | 5.95E-04 | 6.22E-04 | 6.45E-04 | 4.16E-05 | 1.40E-04 | 1.30E-05 | 1.32E-05 | 1.34E-05 | 1.36E-05 | 2.67E-03 | 5.34E-04 |
| 168122.047177362 | 168122.05 | 3908910.33 | FENCEGRD | 5.16E-04 | 5.40E-04 | 5.67E-04 | 5.91E-04 | 4.08E-05 | 1.25E-04 | 1.21E-05 | 1.23E-05 | 1.25E-05 | 1.27E-05 | 2.43E-03 | 4.86E-04 |
| 168126.145797226 | 168126.15 | 3908934.31 | FENCEGRD | 4.54E-04 | 4.76E-04 | 5.03E-04 | 5.26E-04 | 3.94E-05 | 1.12E-04 | 1.10E-05 | 1.12E-05 | 1.15E-05 | 1.17E-05 | 2.16E-03 | 4.31E-04 |
| 168130.244417089 | 168130.24 | 3908958.28 | FENCEGRD | 3.94E-04 | 4.13E-04 | 4.37E-04 | 4.58E-04 | 3.76E-05 | 9.93E-05 | 9.88E-06 | 1.01E-05 | 1.03E-05 | 1.05E-05 | 1.88E-03 | 3.76E-04 |
| 168134.343036952 | 168134.34 | 3908982.26 | FENCEGRD | 3.43E-04 | 3.59E-04 | 3.78E-04 | 3.96E-04 | 3.55E-05 | 8.86E-05 | 8.76E-06 | 8.94E-06 | 9.13E-06 | 9.32E-06 | 1.64E-03 | 3.27E-04 |
| 168138.441656816 | 168138.44 | 3909006.23 | FENCEGRD | 2.98E-04 | 3.11E-04 | 3.27E-04 | 3.42E-04 | 3.30E-05 | 7.93E-05 | 7.73E-06 | 7.88E-06 | 8.04E-06 | 8.20E-06 | 1.42E-03 | 2.84E-04 |
| 167576.275083924 | 167576.28 | 3908504.94 | FENCEGRD | 1.14E-04 | 1.10E-04 | 1.06E-04 | 1.02E-04 | 6.03E-06 | 2.69E-05 | 1.97E-06 | 1.93E-06 | 1.89E-06 | 1.86E-06 | 4.73E-04 | 9.46E-05 |
| 167555.377083924 | 167555.38 | 3908518.02 | FENCEGRD | 1.08E-04 | 1.04E-04 | 9.97E-05 | 9.60E-05 | 5.68E-06 | 2.42E-05 | 1.83E-06 | 1.80E-06 | 1.76E-06 | 1.73E-06 | 4.45E-04 | 8.90E-05 |
| 167534.479083924 | 167534.48 | 3908531.10 | FENCEGRD | 1.01E-04 | 9.71E-05 | 9.27E-05 | 8.91E-05 | 5.35E-06 | 2.17E-05 | 1.69E-06 | 1.65E-06 | 1.62E-06 | 1.59E-06 | 4.14E-04 | 8.27E-05 |
| 167513.581083924 | 167513.58 | 3908544.19 | FENCEGRD | 9.30E-05 | 8.93E-05 | 8.52E-05 | 8.19E-05 | 5.02E-06 | 1.95E-05 | 1.53E-06 | 1.50E-06 | 1.46E-06 | 1.43E-06 | 3.80E-04 | 7.60E-05 |
| 167492.683083924 | 167492.68 | 3908557.27 | FENCEGRD | 8.52E-05 | 8.19E-05 | 7.82E-05 | 7.53E-05 | 4.69E-06 | 1.76E-05 | 1.37E-06 | 1.34E-06 | 1.31E-06 | 1.29E-06 | 3.48E-04 | 6.96E-05 |
| 167471.785083924 | 167471.79 | 3908570.36 | FENCEGRD | 7.80E-05 | 7.50E-05 | 7.18E-05 | 6.93E-05 | 4.35E-06 | 1.60E-05 | 1.22E-06 | 1.20E-06 | 1.17E-06 | 1.15E-06 | 3.19E-04 | 6.39E-05 |
| 167547.423494683 | 167547.42 | 3908422.47 | FENCEGRD | 8.66E-05 | 8.53E-05 | 8.40E-05 | 8.31E-05 | 5.38E-06 | 2.18E-05 | 1.65E-06 | 1.64E-06 | 1.62E-06 | 1.61E-06 | 3.73E-04 | 7.46E-05 |
| 167571.638134454 | 167571.64 | 3908424.76 | FENCEGRD | 9.45E-05 | 9.33E-05 | 9.21E-05 | 9.13E-05 | 5.87E-06 | 2.45E-05 | 1.81E-06 | 1.79E-06 | 1.78E-06 | 1.76E-06 | 4.09E-04 | 8.17E-05 |
| 167595.852774228 | 167595.85 | 3908427.04 | FENCEGRD | 1.03E-04 | 1.01E-04 | 1.00E-04 | 9.98E-05 | 6.33E-06 | 2.77E-05 | 1.98E-06 | 1.97E-06 | 1.95E-06 | 1.93E-06 | 4.46E-04 | 8.93E-05 |
| 167620.067414003 | 167620.07 | 3908429.33 | FENCEGRD | 1.11E-04 | 1.10E-04 | 1.09E-04 | 1.08E-04 | 6.83E-06 | 3.13E-05 | 2.18E-06 | 2.17E-06 | 2.14E-06 | 2.12E-06 | 4.85E-04 | 9.70E-05 |
| 167644.282053777 | 167644.28 | 3908431.62 | FENCEGRD | 1.21E-04 | 1.20E-04 | 1.18E-04 | 1.15E-04 | 7.41E-06 | 3.54E-05 | 2.42E-06 | 2.39E-06 | 2.36E-06 | 2.33E-06 | 5.27E-04 | 1.05E-04 |
| 167668.496693551 | 167668.50 | 3908433.91 | FENCEGRD | 1.34E-04 | 1.31E-04 | 1.28E-04 | 1.24E-04 | 8.05E-06 | 4.02E-05 | 2.69E-06 | 2.65E-06 | 2.60E-06 | 2.56E-06 | 5.75E-04 | 1.15E-04 |
| 167692.711333329 | 167692.71 | 3908436.20 | FENCEGRD | 1.48E-04 | 1.44E-04 | 1.38E-04 | 1.33E-04 | 8.75E-06 | 4.59E-05 | 2.99E-06 | 2.93E-06 | 2.87E-06 | 2.80E-06 | 6.30E-04 | 1.26E-04 |
| 167716.925973139 | 167716.93 | 3908438.49 | FENCEGRD | 1.63E-04 | 1.58E-04 | 1.51E-04 | 1.45E-04 | 9.53E-06 | 5.25E-05 | 3.32E-06 | 3.25E-06 | 3.17E-06 | 3.10E-06 | 6.91E-04 | 1.38E-04 |
| 167741.140612874 | 167741.14 | 3908440.78 | FENCEGRD | 1.79E-04 | 1.73E-04 | 1.66E-04 | 1.59E-04 | 1.04E-05 | 5.97E-05 | 3.69E-06 | 3.61E-06 | 3.53E-06 | 3.45E-06 | 7.61E-04 | 1.52E-04 |
| 167765.355252648 | 167765.36 | 3908443.07 | FENCEGRD | 1.92E-04 | 1.88E-04 | 1.83E-04 | 1.77E-04 | 1.15E-05 | 6.67E-05 | 4.07E-06 | 4.01E-06 | 3.95E-06 | 3.87E-06 | 8.34E-04 | 1.67E-04 |
| 167789.569892423 | 167789.57 | 3908445.35 | FENCEGRD | 2.05E-04 | 2.00E-04 | 1.94E-04 | 1.90E-04 | 1.27E-05 | 7.35E-05 | 4.34E-06 | 4.28E-06 | 4.21E-06 | 4.15E-06 | 8.92E-04 | 1.78E-04 |
| 167813.784532197 | 167813.78 | 3908447.64 | FENCEGRD | 2.21E-04 | 2.15E-04 | 2.09E-04 | 2.04E-04 | 1.34E-05 | 8.23E-05 | 4.68E-06 | 4.62E-06 | 4.54E-06 | 4.48E-06 | 9.64E-04 | 1.93E-04 |
| 167837.999171971 | 167838.00 | 3908449.93 | FENCEGRD | 2.37E-04 | 2.31E-04 | 2.25E-04 | 2.20E-04 | 1.42E-05 | 9.20E-05 | 5.03E-06 | 4.96E-06 | 4.89E-06 | 4.82E-06 | 1.04E-03 | 2.08E-04 |
| 167862.213811746 | 167862.21 | 3908452.22 | FENCEGRD | 2.56E-04 | 2.50E-04 | 2.44E-04 | 2.39E-04 | 1.52E-05 | 1.04E-04 | 5.47E-06 | 5.40E-06 | 5.33E-06 | 5.26E-06 | 1.13E-03 | 2.26E-04 |
| 167886.428451523 | 167886.43 | 3908454.51 | FENCEGRD | 2.75E-04 | 2.69E-04 | 2.63E-04 | 2.57E-04 | 1.63E-05 | 1.16E-04 | 5.90E-06 | 5.84E-06 | 5.77E-06 | 5.70E-06 | 1.22E-03 | 2.44E-04 |
| 167910.643091294 | 167910.64 | 3908456.80 | FENCEGRD | 2.92E-04 | 2.86E-04 | 2.80E-04 | 2.75E-04 | 1.72E-05 | 1.28E-04 | 6.30E-06 | 6.24E-06 | 6.17E-06 | 6.11E-06 | 1.30E-03 | 2.60E-04 |
| 167934.857731068 | 167934.86 | 3908459.09 | FENCEGRD | 3.07E-04 | 3.02E-04 | 2.96E-04 | 2.91E-04 | 1.82E-05 | 1.39E-04 | 6.69E-06 | 6.64E-06 | 6.57E-06 | 6.52E-06 | 1.38E-03 | 2.76E-04 |
| 167959.072370843 | 167959.07 | 3908461.38 | FENCEGRD | 3.24E-04 | 3.19E-04 | 3.14E-04 | 3.09E-04 | 1.93E-05 | 1.52E-04 | 7.17E-06 | 7.13E-06 | 7.07E-06 | 7.02E-06 | 1.47E-03 | 2.93E-04 |
| 167983.287010617 | 167983.29 | 3908463.66 | FENCEGRD | 3.39E-04 | 3.35E-04 | 3.30E-04 | 3.24E-04 | 1.97E-05 | 1.66E-04 | 7.66E-06 | 7.62E- | | | | |

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|----------------|-------|
| Max Chronic HI | 0.002 |
|----------------|-------|

Chronic Hazard Index

| DPM REL (µg/m³) | | | 5.0 | Annual Project GLC (µg/m³) | | | | | | | | | | | CHRONIC HI |
|------------------|-----------|------------|----------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | TOTAL | |
| 167760.718303178 | 167760.72 | 3908362.88 | FENCEGRD | 1.45E-04 | 1.41E-04 | 1.38E-04 | 1.35E-04 | 9.53E-06 | 5.17E-05 | 3.17E-06 | 3.13E-06 | 3.08E-06 | 3.04E-06 | 6.32E-04 | 1.26E-04 |
| 167784.932942953 | 167784.93 | 3908365.17 | FENCEGRD | 1.61E-04 | 1.57E-04 | 1.53E-04 | 1.50E-04 | 1.06E-05 | 5.94E-05 | 3.56E-06 | 3.51E-06 | 3.46E-06 | 3.41E-06 | 7.05E-04 | 1.41E-04 |
| 167809.147582727 | 167809.15 | 3908367.46 | FENCEGRD | 1.75E-04 | 1.71E-04 | 1.66E-04 | 1.63E-04 | 1.14E-05 | 6.67E-05 | 3.88E-06 | 3.83E-06 | 3.78E-06 | 3.73E-06 | 7.68E-04 | 1.54E-04 |
| 167833.362222501 | 167833.36 | 3908369.75 | FENCEGRD | 1.89E-04 | 1.85E-04 | 1.80E-04 | 1.76E-04 | 1.22E-05 | 7.47E-05 | 4.22E-06 | 4.17E-06 | 4.11E-06 | 4.06E-06 | 8.34E-04 | 1.67E-04 |
| 167857.576862275 | 167857.58 | 3908372.04 | FENCEGRD | 2.04E-04 | 2.00E-04 | 1.95E-04 | 1.91E-04 | 1.31E-05 | 8.38E-05 | 4.59E-06 | 4.54E-06 | 4.48E-06 | 4.43E-06 | 9.05E-04 | 1.81E-04 |
| 167881.791502053 | 167881.79 | 3908374.33 | FENCEGRD | 2.20E-04 | 2.15E-04 | 2.10E-04 | 2.06E-04 | 1.40E-05 | 9.38E-05 | 4.98E-06 | 4.93E-06 | 4.87E-06 | 4.82E-06 | 9.79E-04 | 1.96E-04 |
| 167906.006141824 | 167906.01 | 3908376.62 | FENCEGRD | 2.35E-04 | 2.30E-04 | 2.25E-04 | 2.21E-04 | 1.48E-05 | 1.04E-04 | 5.37E-06 | 5.32E-06 | 5.26E-06 | 5.21E-06 | 1.05E-03 | 2.10E-04 |
| 167930.220781598 | 167930.22 | 3908378.91 | FENCEGRD | 2.49E-04 | 2.44E-04 | 2.39E-04 | 2.35E-04 | 1.55E-05 | 1.14E-04 | 5.73E-06 | 5.68E-06 | 5.63E-06 | 5.58E-06 | 1.12E-03 | 2.24E-04 |
| 167954.435421373 | 167954.44 | 3908381.19 | FENCEGRD | 2.63E-04 | 2.59E-04 | 2.53E-04 | 2.47E-04 | 1.60E-05 | 1.25E-04 | 6.15E-06 | 6.09E-06 | 6.01E-06 | 5.93E-06 | 1.19E-03 | 2.38E-04 |
| 167978.650061147 | 167978.65 | 3908383.48 | FENCEGRD | 2.75E-04 | 2.69E-04 | 2.62E-04 | 2.55E-04 | 1.64E-05 | 1.36E-04 | 6.37E-06 | 6.28E-06 | 6.19E-06 | 6.11E-06 | 1.24E-03 | 2.48E-04 |
| 168002.864700921 | 168002.86 | 3908385.77 | FENCEGRD | 2.79E-04 | 2.73E-04 | 2.66E-04 | 2.60E-04 | 1.66E-05 | 1.41E-04 | 6.45E-06 | 6.36E-06 | 6.28E-06 | 6.20E-06 | 1.26E-03 | 2.52E-04 |
| 168027.079340696 | 168027.08 | 3908388.06 | FENCEGRD | 2.81E-04 | 2.76E-04 | 2.69E-04 | 2.64E-04 | 1.68E-05 | 1.43E-04 | 6.51E-06 | 6.43E-06 | 6.35E-06 | 6.28E-06 | 1.28E-03 | 2.55E-04 |
| 168051.293980473 | 168051.29 | 3908390.35 | FENCEGRD | 2.87E-04 | 2.81E-04 | 2.75E-04 | 2.70E-04 | 1.72E-05 | 1.48E-04 | 6.68E-06 | 6.60E-06 | 6.53E-06 | 6.45E-06 | 1.30E-03 | 2.61E-04 |
| 168075.508620244 | 168075.51 | 3908392.64 | FENCEGRD | 2.92E-04 | 2.87E-04 | 2.81E-04 | 2.76E-04 | 1.76E-05 | 1.53E-04 | 6.86E-06 | 6.78E-06 | 6.71E-06 | 6.64E-06 | 1.33E-03 | 2.67E-04 |
| 168099.723260019 | 168099.72 | 3908394.93 | FENCEGRD | 2.99E-04 | 2.93E-04 | 2.88E-04 | 2.82E-04 | 1.81E-05 | 1.60E-04 | 7.07E-06 | 6.99E-06 | 6.91E-06 | 6.85E-06 | 1.37E-03 | 2.74E-04 |
| 168123.937899793 | 168123.94 | 3908397.22 | FENCEGRD | 3.08E-04 | 3.03E-04 | 2.97E-04 | 2.92E-04 | 1.88E-05 | 1.69E-04 | 7.38E-06 | 7.30E-06 | 7.23E-06 | 7.15E-06 | 1.42E-03 | 2.83E-04 |
| 168148.152539567 | 168148.15 | 3908399.50 | FENCEGRD | 3.16E-04 | 3.11E-04 | 3.05E-04 | 3.00E-04 | 1.94E-05 | 1.77E-04 | 7.68E-06 | 7.59E-06 | 7.52E-06 | 7.44E-06 | 1.46E-03 | 2.92E-04 |
| 168172.367179342 | 168172.37 | 3908401.79 | FENCEGRD | 3.24E-04 | 3.19E-04 | 3.13E-04 | 3.08E-04 | 2.01E-05 | 1.85E-04 | 7.98E-06 | 7.89E-06 | 7.81E-06 | 7.74E-06 | 1.50E-03 | 3.00E-04 |
| 168200.680438979 | 168200.68 | 3908428.06 | FENCEGRD | 3.52E-04 | 3.47E-04 | 3.41E-04 | 3.36E-04 | 2.19E-05 | 2.03E-04 | 8.76E-06 | 8.67E-06 | 8.58E-06 | 8.50E-06 | 1.63E-03 | 3.27E-04 |
| 168204.779058843 | 168204.78 | 3908452.03 | FENCEGRD | 3.73E-04 | 3.69E-04 | 3.63E-04 | 3.58E-04 | 2.31E-05 | 2.13E-04 | 9.30E-06 | 9.20E-06 | 9.12E-06 | 9.03E-06 | 1.73E-03 | 3.47E-04 |
| 168208.877678706 | 168208.88 | 3908476.01 | FENCEGRD | 3.94E-04 | 3.91E-04 | 3.86E-04 | 3.80E-04 | 2.44E-05 | 2.21E-04 | 9.83E-06 | 9.76E-06 | 9.67E-06 | 9.58E-06 | 1.83E-03 | 3.67E-04 |
| 168212.976298573 | 168212.98 | 3908499.98 | FENCEGRD | 4.15E-04 | 4.12E-04 | 4.09E-04 | 4.05E-04 | 2.59E-05 | 2.26E-04 | 1.03E-05 | 1.03E-05 | 1.02E-05 | 1.02E-05 | 1.93E-03 | 3.87E-04 |
| 168217.074918433 | 168217.07 | 3908523.96 | FENCEGRD | 4.34E-04 | 4.32E-04 | 4.30E-04 | 4.28E-04 | 2.75E-05 | 2.27E-04 | 1.06E-05 | 1.06E-05 | 1.05E-05 | 1.05E-05 | 2.02E-03 | 4.04E-04 |
| 168221.173538297 | 168221.17 | 3908547.93 | FENCEGRD | 4.52E-04 | 4.51E-04 | 4.49E-04 | 4.48E-04 | 2.82E-05 | 2.25E-04 | 1.08E-05 | 1.08E-05 | 1.08E-05 | 1.08E-05 | 2.10E-03 | 4.19E-04 |
| 168225.272158163 | 168225.27 | 3908571.90 | FENCEGRD | 4.68E-04 | 4.69E-04 | 4.69E-04 | 4.68E-04 | 2.92E-05 | 2.24E-04 | 1.12E-05 | 1.11E-05 | 1.11E-05 | 1.11E-05 | 2.17E-03 | 4.34E-04 |
| 168229.370778023 | 168229.37 | 3908595.88 | FENCEGRD | 4.84E-04 | 4.86E-04 | 4.88E-04 | 4.88E-04 | 3.06E-05 | 2.23E-04 | 1.16E-05 | 1.16E-05 | 1.16E-05 | 1.16E-05 | 2.25E-03 | 4.49E-04 |
| 168233.469397887 | 168233.47 | 3908619.85 | FENCEGRD | 4.97E-04 | 5.00E-04 | 5.04E-04 | 5.05E-04 | 3.19E-05 | 2.20E-04 | 1.19E-05 | 1.19E-05 | 1.20E-05 | 1.20E-05 | 2.31E-03 | 4.61E-04 |
| 168237.568017753 | 168237.57 | 3908643.83 | FENCEGRD | 5.06E-04 | 5.11E-04 | 5.16E-04 | 5.19E-04 | 3.31E-05 | 2.13E-04 | 1.21E-05 | 1.22E-05 | 1.22E-05 | 1.23E-05 | 2.35E-03 | 4.69E-04 |
| 168241.666637614 | 168241.67 | 3908667.80 | FENCEGRD | 5.10E-04 | 5.16E-04 | 5.23E-04 | 5.28E-04 | 3.41E-05 | 2.04E-04 | 1.23E-05 | 1.23E-05 | 1.24E-05 | 1.25E-05 | 2.37E-03 | 4.73E-04 |
| 168245.765257477 | 168245.77 | 3908691.78 | FENCEGRD | 5.10E-04 | 5.18E-04 | 5.27E-04 | 5.33E-04 | 3.48E-05 | 1.93E-04 | 1.23E-05 | 1.24E-05 | 1.24E-05 | 1.25E-05 | 2.37E-03 | 4.73E-04 |
| 168249.863877341 | 168249.86 | 3908715.75 | FENCEGRD | 5.05E-04 | 5.14E-04 | 5.24E-04 | 5.33E-04 | 3.53E-05 | 1.80E-04 | 1.21E-05 | 1.22E-05 | 1.23E-05 | 1.24E-05 | 2.34E-03 | 4.68E-04 |
| 168253.962497204 | 168253.96 | 3908739.73 | FENCEGRD | 4.90E-04 | 5.00E-04 | 5.12E-04 | 5.22E-04 | 3.50E-05 | 1.65E-04 | 1.18E-05 | 1.19E-05 | 1.20E-05 | 1.21E-05 | 2.27E-03 | 4.55E-04 |
| 168258.061117067 | 168258.06 | 3908763.70 | FENCEGRD | 4.62E-04 | 4.73E-04 | 4.86E-04 | 4.98E-04 | 3.39E-05 | 1.48E-04 | 1.11E-05 | 1.12E-05 | 1.14E-05 | 1.15E-05 | 2.15E-03 | 4.29E-04 |
| 168262.159736931 | 168262.16 | 3908787.68 | FENCEGRD | 4.36E-04 | 4.48E-04 | 4.63E-04 | 4.75E-04 | 3.33E-05 | 1.35E-04 | 1.06E-05 | 1.08E-05 | 1.09E-05 | 1.10E-05 | 2.03E-03 | 4.07E-04 |
| 168266.258356794 | 168266.26 | 3908811.65 | FENCEGRD | 4.07E-04 | 4.21E-04 | 4.36E-04 | 4.49E-04 | 3.26E-05 | 1.23E-04 | 1.01E-05 | 1.03E-05 | 1.04E-05 | 1.05E-05 | 1.91E-03 | 3.82E-04 |
| 168270.356976658 | 168270.36 | 3908835.63 | FENCEGRD | 3.73E-04 | 3.86E-04 | 4.02E-04 | 4.16E-04 | 3.17E-05 | 1.12E-04 | 9.51E-06 | 9.65E- | | | | |

| | |
|----------------|-------|
| Max Chronic HI | 0.002 |
|----------------|-------|

Chronic Hazard Index

| DPM REL (µg/m³) | | | 5.0 | Annual Project GLC (µg/m³) | | | | | | | | | | | CHRONIC HI |
|------------------|-----------|------------|----------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | TOTAL | |
| 168143.515590097 | 168143.52 | 3908319.32 | FENCEGRD | 2.60E-04 | 2.55E-04 | 2.51E-04 | 2.47E-04 | 1.67E-05 | 1.43E-04 | 6.44E-06 | 6.37E-06 | 6.32E-06 | 6.26E-06 | 1.20E-03 | 2.39E-04 |
| 168167.730229871 | 168167.73 | 3908321.61 | FENCEGRD | 2.65E-04 | 2.61E-04 | 2.56E-04 | 2.52E-04 | 1.71E-05 | 1.48E-04 | 6.64E-06 | 6.57E-06 | 6.51E-06 | 6.45E-06 | 1.23E-03 | 2.45E-04 |
| 168191.944869646 | 168191.94 | 3908323.90 | FENCEGRD | 2.69E-04 | 2.65E-04 | 2.61E-04 | 2.57E-04 | 1.75E-05 | 1.53E-04 | 6.80E-06 | 6.73E-06 | 6.67E-06 | 6.61E-06 | 1.25E-03 | 2.50E-04 |
| 168216.159509423 | 168216.16 | 3908326.19 | FENCEGRD | 2.75E-04 | 2.71E-04 | 2.67E-04 | 2.63E-04 | 1.80E-05 | 1.59E-04 | 7.03E-06 | 6.96E-06 | 6.89E-06 | 6.83E-06 | 1.28E-03 | 2.56E-04 |
| 168240.374149194 | 168240.37 | 3908328.48 | FENCEGRD | 2.80E-04 | 2.76E-04 | 2.72E-04 | 2.68E-04 | 1.84E-05 | 1.64E-04 | 7.22E-06 | 7.15E-06 | 7.08E-06 | 7.02E-06 | 1.31E-03 | 2.61E-04 |
| 168268.687408832 | 168268.69 | 3908354.74 | FENCEGRD | 3.03E-04 | 2.99E-04 | 2.94E-04 | 2.90E-04 | 2.00E-05 | 1.80E-04 | 7.91E-06 | 7.83E-06 | 7.76E-06 | 7.70E-06 | 1.42E-03 | 2.83E-04 |
| 168272.786028696 | 168272.79 | 3908378.72 | FENCEGRD | 3.21E-04 | 3.17E-04 | 3.12E-04 | 3.08E-04 | 2.11E-05 | 1.88E-04 | 8.38E-06 | 8.30E-06 | 8.23E-06 | 8.16E-06 | 1.50E-03 | 3.00E-04 |
| 168276.884648559 | 168276.88 | 3908402.69 | FENCEGRD | 3.37E-04 | 3.34E-04 | 3.31E-04 | 3.27E-04 | 2.23E-05 | 1.94E-04 | 8.85E-06 | 8.79E-06 | 8.74E-06 | 8.67E-06 | 1.58E-03 | 3.16E-04 |
| 168280.983268422 | 168280.98 | 3908426.67 | FENCEGRD | 3.54E-04 | 3.51E-04 | 3.49E-04 | 3.46E-04 | 2.35E-05 | 2.00E-04 | 9.23E-06 | 9.21E-06 | 9.18E-06 | 9.13E-06 | 1.66E-03 | 3.32E-04 |
| 168285.081888286 | 168285.08 | 3908450.64 | FENCEGRD | 3.70E-04 | 3.68E-04 | 3.65E-04 | 3.61E-04 | 2.44E-05 | 2.08E-04 | 9.68E-06 | 9.63E-06 | 9.57E-06 | 9.50E-06 | 1.74E-03 | 3.47E-04 |
| 168289.180508149 | 168289.18 | 3908474.62 | FENCEGRD | 3.87E-04 | 3.85E-04 | 3.83E-04 | 3.81E-04 | 2.59E-05 | 2.08E-04 | 9.99E-06 | 9.98E-06 | 9.97E-06 | 9.96E-06 | 1.81E-03 | 3.62E-04 |
| 168293.279128013 | 168293.28 | 3908498.59 | FENCEGRD | 4.01E-04 | 4.00E-04 | 4.00E-04 | 3.98E-04 | 2.71E-05 | 2.07E-04 | 1.02E-05 | 1.02E-05 | 1.02E-05 | 1.02E-05 | 1.87E-03 | 3.75E-04 |
| 168297.377747876 | 168297.38 | 3908522.56 | FENCEGRD | 4.13E-04 | 4.13E-04 | 4.14E-04 | 4.14E-04 | 2.77E-05 | 2.05E-04 | 1.04E-05 | 1.04E-05 | 1.04E-05 | 1.04E-05 | 1.93E-03 | 3.86E-04 |
| 168301.476367743 | 168301.48 | 3908546.54 | FENCEGRD | 4.23E-04 | 4.24E-04 | 4.26E-04 | 4.27E-04 | 2.85E-05 | 2.02E-04 | 1.06E-05 | 1.06E-05 | 1.06E-05 | 1.06E-05 | 1.97E-03 | 3.95E-04 |
| 168305.574987603 | 168305.57 | 3908570.51 | FENCEGRD | 4.32E-04 | 4.34E-04 | 4.37E-04 | 4.39E-04 | 2.95E-05 | 1.99E-04 | 1.08E-05 | 1.09E-05 | 1.09E-05 | 1.09E-05 | 2.01E-03 | 4.03E-04 |
| 168309.673607466 | 168309.67 | 3908594.49 | FENCEGRD | 4.37E-04 | 4.41E-04 | 4.46E-04 | 4.49E-04 | 3.04E-05 | 1.94E-04 | 1.10E-05 | 1.10E-05 | 1.11E-05 | 1.11E-05 | 2.04E-03 | 4.08E-04 |
| 168313.772227333 | 168313.77 | 3908618.46 | FENCEGRD | 4.40E-04 | 4.45E-04 | 4.50E-04 | 4.55E-04 | 3.11E-05 | 1.87E-04 | 1.10E-05 | 1.11E-05 | 1.12E-05 | 1.12E-05 | 2.05E-03 | 4.10E-04 |
| 168317.870847193 | 168317.87 | 3908642.44 | FENCEGRD | 4.38E-04 | 4.44E-04 | 4.51E-04 | 4.56E-04 | 3.14E-05 | 1.77E-04 | 1.09E-05 | 1.10E-05 | 1.11E-05 | 1.12E-05 | 2.04E-03 | 4.08E-04 |
| 168321.969467057 | 168321.97 | 3908666.41 | FENCEGRD | 4.29E-04 | 4.37E-04 | 4.45E-04 | 4.52E-04 | 3.13E-05 | 1.65E-04 | 1.07E-05 | 1.08E-05 | 1.09E-05 | 1.09E-05 | 2.00E-03 | 4.00E-04 |
| 168326.068086923 | 168326.07 | 3908690.39 | FENCEGRD | 4.15E-04 | 4.23E-04 | 4.32E-04 | 4.40E-04 | 3.08E-05 | 1.52E-04 | 1.03E-05 | 1.04E-05 | 1.05E-05 | 1.06E-05 | 1.93E-03 | 3.87E-04 |
| 168330.166706784 | 168330.17 | 3908714.36 | FENCEGRD | 4.00E-04 | 4.09E-04 | 4.19E-04 | 4.28E-04 | 3.05E-05 | 1.40E-04 | 1.00E-05 | 1.01E-05 | 1.02E-05 | 1.03E-05 | 1.87E-03 | 3.73E-04 |
| 168334.265326647 | 168334.27 | 3908738.34 | FENCEGRD | 3.79E-04 | 3.88E-04 | 3.99E-04 | 4.08E-04 | 2.98E-05 | 1.29E-04 | 9.58E-06 | 9.68E-06 | 9.78E-06 | 9.87E-06 | 1.77E-03 | 3.54E-04 |
| 168338.363946511 | 168338.36 | 3908762.31 | FENCEGRD | 3.45E-04 | 3.55E-04 | 3.66E-04 | 3.76E-04 | 2.85E-05 | 1.17E-04 | 9.00E-06 | 9.10E-06 | 9.21E-06 | 9.30E-06 | 1.62E-03 | 3.25E-04 |
| 168342.462566374 | 168342.46 | 3908786.29 | FENCEGRD | 3.12E-04 | 3.23E-04 | 3.35E-04 | 3.45E-04 | 2.75E-05 | 1.07E-04 | 8.48E-06 | 8.59E-06 | 8.70E-06 | 8.80E-06 | 1.48E-03 | 2.97E-04 |
| 168346.561186237 | 168346.56 | 3908810.26 | FENCEGRD | 2.88E-04 | 2.98E-04 | 3.11E-04 | 3.22E-04 | 2.69E-05 | 9.78E-05 | 8.02E-06 | 8.13E-06 | 8.25E-06 | 8.36E-06 | 1.38E-03 | 2.75E-04 |
| 168350.659806101 | 168350.66 | 3908834.24 | FENCEGRD | 2.65E-04 | 2.75E-04 | 2.87E-04 | 2.98E-04 | 2.62E-05 | 8.98E-05 | 7.52E-06 | 7.63E-06 | 7.75E-06 | 7.87E-06 | 1.27E-03 | 2.54E-04 |
| 168354.758425964 | 168354.76 | 3908858.21 | FENCEGRD | 2.42E-04 | 2.52E-04 | 2.63E-04 | 2.74E-04 | 2.54E-05 | 8.23E-05 | 6.99E-06 | 7.10E-06 | 7.22E-06 | 7.33E-06 | 1.17E-03 | 2.34E-04 |
| 168358.857045828 | 168358.86 | 3908882.19 | FENCEGRD | 2.22E-04 | 2.30E-04 | 2.41E-04 | 2.50E-04 | 2.44E-05 | 7.54E-05 | 6.45E-06 | 6.55E-06 | 6.66E-06 | 6.77E-06 | 1.07E-03 | 2.14E-04 |
| 168362.955665691 | 168362.96 | 3908906.16 | FENCEGRD | 2.05E-04 | 2.13E-04 | 2.22E-04 | 2.30E-04 | 2.33E-05 | 6.94E-05 | 5.94E-06 | 6.04E-06 | 6.14E-06 | 6.24E-06 | 9.88E-04 | 1.98E-04 |
| 168367.054285559 | 168367.05 | 3908930.14 | FENCEGRD | 1.89E-04 | 1.95E-04 | 2.03E-04 | 2.10E-04 | 2.19E-05 | 6.36E-05 | 5.44E-06 | 5.53E-06 | 5.62E-06 | 5.70E-06 | 9.06E-04 | 1.81E-04 |
| 168371.152905418 | 168371.15 | 3908954.11 | FENCEGRD | 1.72E-04 | 1.77E-04 | 1.84E-04 | 1.90E-04 | 2.03E-05 | 5.81E-05 | 4.97E-06 | 5.04E-06 | 5.11E-06 | 5.18E-06 | 8.23E-04 | 1.65E-04 |
| 168375.251525281 | 168375.25 | 3908978.08 | FENCEGRD | 1.54E-04 | 1.59E-04 | 1.65E-04 | 1.70E-04 | 1.86E-05 | 5.30E-05 | 4.53E-06 | 4.59E-06 | 4.65E-06 | 4.71E-06 | 7.38E-04 | 1.48E-04 |
| 168379.350145149 | 168379.35 | 3909002.06 | FENCEGRD | 1.38E-04 | 1.43E-04 | 1.48E-04 | 1.53E-04 | 1.69E-05 | 4.86E-05 | 4.17E-06 | 4.23E-06 | 4.28E-06 | 4.33E-06 | 6.64E-04 | 1.33E-04 |
| 168383.448765008 | 168383.45 | 3909026.03 | FENCEGRD | 1.23E-04 | 1.27E-04 | 1.32E-04 | 1.37E-04 | 1.55E-05 | 4.48E-05 | 3.86E-06 | 3.91E-06 | 3.96E-06 | 4.01E-06 | 5.94E-04 | 1.19E-04 |
| 168387.547384872 | 168387.55 | 3909050.01 | FENCEGRD | 1.08E-04 | 1.12E-04 | 1.17E-04 | 1.21E-04 | 1.42E-05 | 4.13E-05 | 3.57E-06 | 3.62E-06 | 3.67E-06 | 3.72E-06 | 5.29E-04 | 1.06E-04 |
| 168391.646004739 | 168391.65 | 3909073.98 | FENCEGRD | 9.65E-05 | 1.00E-04 | 1.04E-04 | 1.08E-04 | 1.31E-05 | 3.83E-05 | 3.28E-06 | 3.33E- | | | | |

| | |
|----------------|-------|
| Max Chronic HI | 0.002 |
|----------------|-------|

Chronic Hazard Index

| DPM REL (µg/m³) | | | 5.0 | Annual Project GLC (µg/m³) | | | | | | | | | | | CHRONIC HI |
|------------------|-----------|------------|----------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | TOTAL | |
| 167429.726478984 | 167429.73 | 3908958.38 | FENCEGRD | 9.02E-05 | 8.96E-05 | 8.88E-05 | 8.79E-05 | 3.38E-06 | 9.32E-05 | 8.36E-07 | 8.31E-07 | 8.27E-07 | 8.24E-07 | 4.56E-04 | 9.13E-05 |
| 167418.492842623 | 167418.49 | 3908979.03 | FENCEGRD | 9.51E-05 | 9.45E-05 | 9.37E-05 | 9.27E-05 | 3.05E-06 | 1.05E-04 | 8.91E-07 | 8.86E-07 | 8.81E-07 | 8.78E-07 | 4.88E-04 | 9.76E-05 |
| 167407.259206256 | 167407.26 | 3908999.68 | FENCEGRD | 1.03E-04 | 1.02E-04 | 1.01E-04 | 1.00E-04 | 2.78E-06 | 1.18E-04 | 9.77E-07 | 9.69E-07 | 9.64E-07 | 9.58E-07 | 5.31E-04 | 1.06E-04 |
| 167396.025569893 | 167396.03 | 3909020.33 | FENCEGRD | 1.17E-04 | 1.16E-04 | 1.15E-04 | 1.13E-04 | 2.59E-06 | 1.30E-04 | 1.11E-06 | 1.10E-06 | 1.09E-06 | 1.08E-06 | 5.97E-04 | 1.19E-04 |
| 167384.791933529 | 167384.79 | 3909040.98 | FENCEGRD | 1.39E-04 | 1.37E-04 | 1.35E-04 | 1.32E-04 | 2.52E-06 | 1.42E-04 | 1.32E-06 | 1.30E-06 | 1.29E-06 | 1.27E-06 | 6.92E-04 | 1.38E-04 |
| 167478.930668668 | 167478.93 | 3908774.52 | FENCEGRD | 8.58E-05 | 8.25E-05 | 7.90E-05 | 7.62E-05 | 4.79E-06 | 2.18E-05 | 1.16E-06 | 1.13E-06 | 1.10E-06 | 1.08E-06 | 3.55E-04 | 7.09E-05 |
| 167507.912172182 | 167507.91 | 3908743.71 | FENCEGRD | 1.00E-04 | 9.56E-05 | 9.10E-05 | 8.74E-05 | 5.46E-06 | 2.08E-05 | 1.44E-06 | 1.40E-06 | 1.36E-06 | 1.33E-06 | 4.06E-04 | 8.12E-05 |
| 167453.206280548 | 167453.21 | 3908810.58 | FENCEGRD | 7.57E-05 | 7.32E-05 | 7.06E-05 | 6.87E-05 | 4.16E-06 | 2.63E-05 | 9.38E-07 | 9.19E-07 | 8.99E-07 | 8.81E-07 | 3.22E-04 | 6.45E-05 |
| 167441.972644184 | 167441.97 | 3908831.23 | FENCEGRD | 7.26E-05 | 7.07E-05 | 6.87E-05 | 6.71E-05 | 3.88E-06 | 3.07E-05 | 8.51E-07 | 8.36E-07 | 8.20E-07 | 8.06E-07 | 3.17E-04 | 6.34E-05 |
| 167430.739007821 | 167430.74 | 3908851.88 | FENCEGRD | 7.15E-05 | 7.01E-05 | 6.86E-05 | 6.74E-05 | 3.59E-06 | 3.65E-05 | 7.80E-07 | 7.70E-07 | 7.58E-07 | 7.48E-07 | 3.21E-04 | 6.42E-05 |
| 167419.505371457 | 167419.51 | 3908872.53 | FENCEGRD | 7.29E-05 | 7.18E-05 | 7.07E-05 | 6.97E-05 | 3.32E-06 | 4.37E-05 | 7.36E-07 | 7.30E-07 | 7.22E-07 | 7.16E-07 | 3.35E-04 | 6.70E-05 |
| 167408.271735093 | 167408.27 | 3908893.18 | FENCEGRD | 7.62E-05 | 7.52E-05 | 7.42E-05 | 7.32E-05 | 3.06E-06 | 5.22E-05 | 7.24E-07 | 7.20E-07 | 7.16E-07 | 7.12E-07 | 3.57E-04 | 7.14E-05 |
| 167397.038098733 | 167397.04 | 3908913.83 | FENCEGRD | 8.04E-05 | 7.94E-05 | 7.83E-05 | 7.72E-05 | 2.80E-06 | 6.15E-05 | 7.43E-07 | 7.40E-07 | 7.37E-07 | 7.34E-07 | 3.82E-04 | 7.65E-05 |
| 167385.804462366 | 167385.80 | 3908934.48 | FENCEGRD | 8.46E-05 | 8.34E-05 | 8.21E-05 | 8.10E-05 | 2.57E-06 | 7.12E-05 | 7.88E-07 | 7.84E-07 | 7.81E-07 | 7.79E-07 | 4.08E-04 | 8.16E-05 |
| 167374.570826002 | 167374.57 | 3908955.13 | FENCEGRD | 8.88E-05 | 8.75E-05 | 8.61E-05 | 8.48E-05 | 2.38E-06 | 8.14E-05 | 8.48E-07 | 8.43E-07 | 8.40E-07 | 8.36E-07 | 4.34E-04 | 8.69E-05 |
| 167363.337189639 | 167363.34 | 3908975.79 | FENCEGRD | 9.55E-05 | 9.39E-05 | 9.24E-05 | 9.09E-05 | 2.26E-06 | 9.19E-05 | 9.22E-07 | 9.16E-07 | 9.11E-07 | 9.06E-07 | 4.70E-04 | 9.41E-05 |
| 167352.103553275 | 167352.10 | 3908996.44 | FENCEGRD | 1.07E-04 | 1.05E-04 | 1.03E-04 | 1.01E-04 | 2.22E-06 | 1.03E-04 | 1.03E-06 | 1.02E-06 | 1.01E-06 | 1.00E-06 | 5.25E-04 | 1.05E-04 |
| 167340.869916911 | 167340.87 | 3909017.09 | FENCEGRD | 1.23E-04 | 1.21E-04 | 1.18E-04 | 1.15E-04 | 2.26E-06 | 1.13E-04 | 1.18E-06 | 1.17E-06 | 1.16E-06 | 1.15E-06 | 5.97E-04 | 1.19E-04 |
| 167435.422673529 | 167435.42 | 3908750.19 | FENCEGRD | 6.86E-05 | 6.64E-05 | 6.40E-05 | 6.22E-05 | 3.70E-06 | 1.82E-05 | 8.81E-07 | 8.64E-07 | 8.47E-07 | 8.31E-07 | 2.87E-04 | 5.73E-05 |
| 167465.232220001 | 167465.23 | 3908718.50 | FENCEGRD | 7.83E-05 | 7.54E-05 | 7.23E-05 | 6.99E-05 | 4.34E-06 | 1.71E-05 | 1.08E-06 | 1.06E-06 | 1.04E-06 | 1.02E-06 | 3.22E-04 | 6.43E-05 |
| 167495.041766472 | 167495.04 | 3908686.81 | FENCEGRD | 8.97E-05 | 8.61E-05 | 8.22E-05 | 7.92E-05 | 4.93E-06 | 1.77E-05 | 1.32E-06 | 1.29E-06 | 1.26E-06 | 1.23E-06 | 3.65E-04 | 7.30E-05 |
| 167409.284263933 | 167409.28 | 3908786.69 | FENCEGRD | 6.32E-05 | 6.17E-05 | 6.00E-05 | 5.88E-05 | 3.19E-06 | 2.17E-05 | 7.33E-07 | 7.22E-07 | 7.10E-07 | 7.00E-07 | 2.71E-04 | 5.43E-05 |
| 167398.050627566 | 167398.05 | 3908807.34 | FENCEGRD | 6.29E-05 | 6.17E-05 | 6.05E-05 | 5.94E-05 | 2.99E-06 | 2.49E-05 | 6.84E-07 | 6.77E-07 | 6.69E-07 | 6.61E-07 | 2.75E-04 | 5.50E-05 |
| 167386.816991203 | 167386.82 | 3908827.99 | FENCEGRD | 6.42E-05 | 6.32E-05 | 6.22E-05 | 6.13E-05 | 2.78E-06 | 2.90E-05 | 6.56E-07 | 6.51E-07 | 6.46E-07 | 6.41E-07 | 2.85E-04 | 5.71E-05 |
| 167375.583354839 | 167375.58 | 3908848.64 | FENCEGRD | 6.68E-05 | 6.59E-05 | 6.49E-05 | 6.41E-05 | 2.58E-06 | 3.42E-05 | 6.51E-07 | 6.48E-07 | 6.45E-07 | 6.42E-07 | 3.01E-04 | 6.02E-05 |
| 167364.349718476 | 167364.35 | 3908869.29 | FENCEGRD | 7.04E-05 | 6.94E-05 | 6.84E-05 | 6.75E-05 | 2.39E-06 | 4.06E-05 | 6.71E-07 | 6.68E-07 | 6.66E-07 | 6.64E-07 | 3.21E-04 | 6.43E-05 |
| 167353.116082112 | 167353.12 | 3908889.94 | FENCEGRD | 7.41E-05 | 7.30E-05 | 7.19E-05 | 7.08E-05 | 2.22E-06 | 4.78E-05 | 7.09E-07 | 7.06E-07 | 7.04E-07 | 7.02E-07 | 3.43E-04 | 6.85E-05 |
| 167341.882445748 | 167341.88 | 3908910.59 | FENCEGRD | 7.73E-05 | 7.61E-05 | 7.48E-05 | 7.36E-05 | 2.09E-06 | 5.57E-05 | 7.58E-07 | 7.54E-07 | 7.51E-07 | 7.49E-07 | 3.63E-04 | 7.25E-05 |
| 167330.648809385 | 167330.65 | 3908931.24 | FENCEGRD | 8.07E-05 | 7.94E-05 | 7.80E-05 | 7.67E-05 | 2.01E-06 | 6.40E-05 | 8.11E-07 | 8.06E-07 | 8.02E-07 | 7.99E-07 | 3.84E-04 | 7.68E-05 |
| 167319.415173021 | 167319.42 | 3908951.89 | FENCEGRD | 8.62E-05 | 8.47E-05 | 8.31E-05 | 8.17E-05 | 1.99E-06 | 7.27E-05 | 8.71E-07 | 8.65E-07 | 8.60E-07 | 8.56E-07 | 4.14E-04 | 8.28E-05 |
| 167308.181536657 | 167308.18 | 3908972.54 | FENCEGRD | 9.52E-05 | 9.33E-05 | 9.15E-05 | 8.98E-05 | 2.04E-06 | 8.17E-05 | 9.53E-07 | 9.45E-07 | 9.39E-07 | 9.33E-07 | 4.57E-04 | 9.15E-05 |
| 167296.947900294 | 167296.95 | 3908993.19 | FENCEGRD | 1.08E-04 | 1.05E-04 | 1.03E-04 | 1.01E-04 | 2.13E-06 | 9.09E-05 | 1.08E-06 | 1.07E-06 | 1.06E-06 | 1.05E-06 | 5.14E-04 | 1.03E-04 |
| 167348.130668932 | 167348.13 | 3908701.82 | FENCEGRD | 5.08E-05 | 4.97E-05 | 4.85E-05 | 4.75E-05 | 2.43E-06 | 1.45E-05 | 5.97E-07 | 5.90E-07 | 5.83E-07 | 5.76E-07 | 2.16E-04 | 4.31E-05 |
| 167379.044272683 | 167379.04 | 3908668.95 | FENCEGRD | 5.45E-05 | 5.29E-05 | 5.13E-05 | 5.00E-05 | 2.82E-06 | 1.33E-05 | 7.02E-07 | 6.91E-07 | 6.79E-07 | 6.69E-07 | 2.27E-04 | 4.55E-05 |
| 167394.501074554 | 167394.50 | 3908652.52 | FENCEGRD | 5.71E-05 | 5.54E-05 | 5.35E-05 | 5.20E-05 | 3.02E-06 | 1.30E-05 | 7.66E-07 | 7.53E-07 | 7.39E-07 | 7.27E-07 | 2.37E-04 | 4.74E-05 |
| 167409.957876428 | 167409.96 | 3908636.09 | FENCEGRD | 6.03E-05 | 5.84E-05 | 5.63E-05 | 5.47E-05 | 3.26E-06 | 1.31E-05 | 8.39E-07 | 8.24E- | | | | |

| | |
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| Max Chronic HI | 0.002 |
|----------------|-------|

Chronic Hazard Index

| DPM REL (µg/m³) | | | 5.0 | Annual Project GLC (µg/m³) | | | | | | | | | | | | CHRONIC HI |
|------------------|-----------|------------|----------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | TOTAL | | |
| 167333.550037379 | 167333.55 | 3908434.97 | FENCEGRD | 3.88E-05 | 3.84E-05 | 3.81E-05 | 3.79E-05 | 2.57E-06 | 9.98E-06 | 6.88E-07 | 6.82E-07 | 6.74E-07 | 6.67E-07 | 1.68E-04 | 3.37E-05 | |
| 167349.601331633 | 167349.60 | 3908417.90 | FENCEGRD | 4.01E-05 | 3.96E-05 | 3.92E-05 | 3.90E-05 | 2.68E-06 | 1.02E-05 | 7.27E-07 | 7.21E-07 | 7.12E-07 | 7.05E-07 | 1.74E-04 | 3.47E-05 | |
| 167156.985800587 | 167156.99 | 3908622.68 | FENCEGRD | 3.99E-05 | 3.92E-05 | 3.85E-05 | 3.79E-05 | 1.34E-06 | 1.23E-05 | 4.76E-07 | 4.73E-07 | 4.71E-07 | 4.69E-07 | 1.71E-04 | 3.42E-05 | |
| 167145.752164224 | 167145.75 | 3908643.33 | FENCEGRD | 3.99E-05 | 3.92E-05 | 3.86E-05 | 3.80E-05 | 1.28E-06 | 1.28E-05 | 4.80E-07 | 4.78E-07 | 4.76E-07 | 4.74E-07 | 1.72E-04 | 3.43E-05 | |
| 167134.518527863 | 167134.52 | 3908663.98 | FENCEGRD | 4.04E-05 | 3.98E-05 | 3.92E-05 | 3.86E-05 | 1.26E-06 | 1.35E-05 | 4.93E-07 | 4.90E-07 | 4.88E-07 | 4.87E-07 | 1.75E-04 | 3.50E-05 | |
| 167123.284891497 | 167123.28 | 3908684.63 | FENCEGRD | 4.12E-05 | 4.06E-05 | 3.99E-05 | 3.93E-05 | 1.26E-06 | 1.45E-05 | 5.09E-07 | 5.06E-07 | 5.05E-07 | 5.03E-07 | 1.79E-04 | 3.58E-05 | |
| 167112.051255133 | 167112.05 | 3908705.28 | FENCEGRD | 4.19E-05 | 4.13E-05 | 4.06E-05 | 4.00E-05 | 1.29E-06 | 1.56E-05 | 5.28E-07 | 5.25E-07 | 5.23E-07 | 5.21E-07 | 1.83E-04 | 3.65E-05 | |
| 167100.817618769 | 167100.82 | 3908725.93 | FENCEGRD | 4.24E-05 | 4.18E-05 | 4.11E-05 | 4.05E-05 | 1.32E-06 | 1.69E-05 | 5.47E-07 | 5.44E-07 | 5.42E-07 | 5.39E-07 | 1.86E-04 | 3.72E-05 | |
| 167089.583982406 | 167089.58 | 3908746.58 | FENCEGRD | 4.28E-05 | 4.22E-05 | 4.15E-05 | 4.09E-05 | 1.37E-06 | 1.84E-05 | 5.64E-07 | 5.61E-07 | 5.58E-07 | 5.56E-07 | 1.89E-04 | 3.79E-05 | |
| 167078.350346042 | 167078.35 | 3908767.24 | FENCEGRD | 4.34E-05 | 4.28E-05 | 4.20E-05 | 4.14E-05 | 1.42E-06 | 2.01E-05 | 5.78E-07 | 5.75E-07 | 5.72E-07 | 5.69E-07 | 1.93E-04 | 3.87E-05 | |
| 167067.116709678 | 167067.12 | 3908787.89 | FENCEGRD | 4.45E-05 | 4.38E-05 | 4.31E-05 | 4.24E-05 | 1.48E-06 | 2.21E-05 | 5.91E-07 | 5.88E-07 | 5.85E-07 | 5.82E-07 | 2.00E-04 | 3.99E-05 | |
| 167055.883073319 | 167055.88 | 3908808.54 | FENCEGRD | 4.62E-05 | 4.55E-05 | 4.48E-05 | 4.41E-05 | 1.55E-06 | 2.42E-05 | 6.09E-07 | 6.06E-07 | 6.03E-07 | 6.00E-07 | 2.09E-04 | 4.18E-05 | |
| 167044.649436951 | 167044.65 | 3908829.19 | FENCEGRD | 4.87E-05 | 4.79E-05 | 4.71E-05 | 4.64E-05 | 1.61E-06 | 2.67E-05 | 6.37E-07 | 6.33E-07 | 6.29E-07 | 6.26E-07 | 2.21E-04 | 4.42E-05 | |
| 167033.415800587 | 167033.42 | 3908849.84 | FENCEGRD | 5.20E-05 | 5.11E-05 | 5.02E-05 | 4.94E-05 | 1.67E-06 | 2.96E-05 | 6.80E-07 | 6.75E-07 | 6.71E-07 | 6.67E-07 | 2.37E-04 | 4.73E-05 | |
| 167084.357056697 | 167084.36 | 3908558.72 | FENCEGRD | 3.77E-05 | 3.71E-05 | 3.64E-05 | 3.58E-05 | 1.28E-06 | 1.16E-05 | 4.84E-07 | 4.80E-07 | 4.78E-07 | 4.75E-07 | 1.62E-04 | 3.24E-05 | |
| 167114.787635386 | 167114.79 | 3908526.37 | FENCEGRD | 3.20E-05 | 3.21E-05 | 3.24E-05 | 3.27E-05 | 1.41E-06 | 1.01E-05 | 4.50E-07 | 4.51E-07 | 4.51E-07 | 4.52E-07 | 1.43E-04 | 2.85E-05 | |
| 167145.218214076 | 167145.22 | 3908494.01 | FENCEGRD | 2.63E-05 | 2.64E-05 | 2.66E-05 | 2.68E-05 | 1.37E-06 | 8.68E-06 | 3.97E-07 | 3.97E-07 | 3.97E-07 | 3.97E-07 | 1.18E-04 | 2.35E-05 | |
| 167175.648792769 | 167175.65 | 3908461.66 | FENCEGRD | 2.24E-05 | 2.24E-05 | 2.24E-05 | 2.25E-05 | 1.38E-06 | 7.89E-06 | 3.82E-07 | 3.80E-07 | 3.78E-07 | 3.76E-07 | 1.00E-04 | 2.01E-05 | |
| 167206.079371454 | 167206.08 | 3908429.31 | FENCEGRD | 2.08E-05 | 2.06E-05 | 2.04E-05 | 2.03E-05 | 1.46E-06 | 7.49E-06 | 3.93E-07 | 3.90E-07 | 3.86E-07 | 3.84E-07 | 9.26E-05 | 1.85E-05 | |
| 167236.509950144 | 167236.51 | 3908396.96 | FENCEGRD | 2.01E-05 | 2.00E-05 | 1.99E-05 | 1.98E-05 | 1.58E-06 | 7.25E-06 | 4.12E-07 | 4.09E-07 | 4.05E-07 | 4.02E-07 | 9.02E-05 | 1.80E-05 | |
| 167266.940528833 | 167266.94 | 3908364.61 | FENCEGRD | 2.11E-05 | 2.10E-05 | 2.09E-05 | 2.08E-05 | 1.73E-06 | 7.31E-06 | 4.61E-07 | 4.56E-07 | 4.51E-07 | 4.46E-07 | 9.46E-05 | 1.89E-05 | |
| 167057.908130988 | 167057.91 | 3908595.54 | FENCEGRD | 3.63E-05 | 3.57E-05 | 3.51E-05 | 3.46E-05 | 1.18E-06 | 1.16E-05 | 4.69E-07 | 4.66E-07 | 4.64E-07 | 4.62E-07 | 1.56E-04 | 3.13E-05 | |
| 167046.674494629 | 167046.67 | 3908616.20 | FENCEGRD | 3.61E-05 | 3.56E-05 | 3.50E-05 | 3.45E-05 | 1.17E-06 | 1.20E-05 | 4.73E-07 | 4.70E-07 | 4.68E-07 | 4.66E-07 | 1.56E-04 | 3.12E-05 | |
| 167035.440858261 | 167035.44 | 3908636.85 | FENCEGRD | 3.61E-05 | 3.56E-05 | 3.50E-05 | 3.45E-05 | 1.19E-06 | 1.26E-05 | 4.82E-07 | 4.79E-07 | 4.77E-07 | 4.75E-07 | 1.57E-04 | 3.14E-05 | |
| 167024.207221897 | 167024.21 | 3908657.50 | FENCEGRD | 3.63E-05 | 3.58E-05 | 3.52E-05 | 3.47E-05 | 1.22E-06 | 1.33E-05 | 4.95E-07 | 4.93E-07 | 4.91E-07 | 4.88E-07 | 1.58E-04 | 3.17E-05 | |
| 167012.973585534 | 167012.97 | 3908678.15 | FENCEGRD | 3.66E-05 | 3.61E-05 | 3.55E-05 | 3.49E-05 | 1.26E-06 | 1.43E-05 | 5.10E-07 | 5.07E-07 | 5.04E-07 | 5.02E-07 | 1.61E-04 | 3.21E-05 | |
| 167001.739949173 | 167001.74 | 3908698.80 | FENCEGRD | 3.67E-05 | 3.62E-05 | 3.56E-05 | 3.51E-05 | 1.30E-06 | 1.54E-05 | 5.19E-07 | 5.16E-07 | 5.13E-07 | 5.11E-07 | 1.62E-04 | 3.25E-05 | |
| 166990.506312807 | 166990.51 | 3908719.45 | FENCEGRD | 3.71E-05 | 3.66E-05 | 3.60E-05 | 3.55E-05 | 1.35E-06 | 1.65E-05 | 5.26E-07 | 5.23E-07 | 5.20E-07 | 5.18E-07 | 1.65E-04 | 3.30E-05 | |
| 166979.272676443 | 166979.27 | 3908740.10 | FENCEGRD | 3.78E-05 | 3.73E-05 | 3.67E-05 | 3.62E-05 | 1.40E-06 | 1.78E-05 | 5.33E-07 | 5.31E-07 | 5.28E-07 | 5.25E-07 | 1.69E-04 | 3.38E-05 | |
| 166968.039040079 | 166968.04 | 3908760.75 | FENCEGRD | 3.90E-05 | 3.84E-05 | 3.78E-05 | 3.73E-05 | 1.44E-06 | 1.92E-05 | 5.46E-07 | 5.43E-07 | 5.40E-07 | 5.37E-07 | 1.75E-04 | 3.51E-05 | |
| 166956.805403716 | 166956.81 | 3908781.40 | FENCEGRD | 4.07E-05 | 4.01E-05 | 3.95E-05 | 3.89E-05 | 1.49E-06 | 2.09E-05 | 5.67E-07 | 5.63E-07 | 5.60E-07 | 5.58E-07 | 1.84E-04 | 3.68E-05 | |
| 166945.571767352 | 166945.57 | 3908802.05 | FENCEGRD | 4.30E-05 | 4.23E-05 | 4.16E-05 | 4.10E-05 | 1.53E-06 | 2.27E-05 | 6.00E-07 | 5.96E-07 | 5.93E-07 | 5.90E-07 | 1.95E-04 | 3.89E-05 | |
| 167371.888474419 | 167371.89 | 3909070.62 | FENCEGRD | 1.87E-04 | 1.82E-04 | 1.77E-04 | 1.72E-04 | 2.59E-06 | 1.60E-04 | 1.83E-06 | 1.78E-06 | 1.75E-06 | 1.72E-06 | 8.87E-04 | 1.77E-04 | |
| 167324.488572333 | 167324.49 | 3909054.72 | FENCEGRD | 1.67E-04 | 1.62E-04 | 1.57E-04 | 1.52E-04 | 2.48E-06 | 1.33E-04 | 1.68E-06 | 1.64E-06 | 1.62E-06 | 1.59E-06 | 7.80E-04 | 1.56E-04 | |
| 167277.083364552 | 167277.08 | 3909038.83 | FENCEGRD | 1.47E-04 | 1.42E-04 | 1.38E-04 | 1.34E-04 | 2.44E-06 | 1.12E-04 | 1.56E-06 | 1.53E-06 | 1.51E-06 | 1.49E-06 | 6.82E-04 | 1.36E-04 | |
| 167287.015632423 | 167287.02 | 3909016.01 | FENCEGRD | 1.25E-04 | 1.22E-04 | 1.19E-04 | 1.16E-04 | 2.28E-06 | 1.02E-04 | 1.28E-06 | 1.26E- | | | | | |

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|----------------|-------|
| Max Chronic HI | 0.002 |
|----------------|-------|

Chronic Hazard Index

| DPM REL (µg/m³) | | | 5.0 | Annual Project GLC (µg/m³) | | | | | | | | | | | CHRONIC HI |
|------------------|-----------|------------|----------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| XY | X | Y | REC TYPE | IDLE_1 | IDLE_2 | IDLE_3 | IDLE_4 | SPUR | WASH | TRACK_1 | TRACK_2 | TRACK_3 | TRACK_4 | TOTAL | |
| 167066.950847254 | 167066.95 | 3909093.95 | FENCEGRD | 1.78E-04 | 1.71E-04 | 1.65E-04 | 1.59E-04 | 3.71E-06 | 9.99E-05 | 2.63E-06 | 2.58E-06 | 2.54E-06 | 2.50E-06 | 7.86E-04 | 1.57E-04 |
| 167070.641270881 | 167070.64 | 3909071.28 | FENCEGRD | 1.55E-04 | 1.49E-04 | 1.44E-04 | 1.39E-04 | 3.24E-06 | 9.22E-05 | 2.27E-06 | 2.23E-06 | 2.19E-06 | 2.16E-06 | 6.91E-04 | 1.38E-04 |
| 167074.331694508 | 167074.33 | 3909048.62 | FENCEGRD | 1.35E-04 | 1.30E-04 | 1.26E-04 | 1.22E-04 | 2.86E-06 | 8.46E-05 | 1.96E-06 | 1.92E-06 | 1.90E-06 | 1.87E-06 | 6.09E-04 | 1.22E-04 |
| 167078.022118134 | 167078.02 | 3909025.96 | FENCEGRD | 1.18E-04 | 1.15E-04 | 1.11E-04 | 1.08E-04 | 2.57E-06 | 7.71E-05 | 1.69E-06 | 1.66E-06 | 1.64E-06 | 1.62E-06 | 5.39E-04 | 1.08E-04 |
| 167081.712541761 | 167081.71 | 3909003.30 | FENCEGRD | 1.05E-04 | 1.02E-04 | 9.90E-05 | 9.66E-05 | 2.35E-06 | 6.98E-05 | 1.46E-06 | 1.44E-06 | 1.43E-06 | 1.41E-06 | 4.80E-04 | 9.60E-05 |
| 167059.573909139 | 167059.57 | 3909139.27 | FENCEGRD | 2.31E-04 | 2.22E-04 | 2.13E-04 | 2.06E-04 | 4.94E-06 | 1.14E-04 | 3.58E-06 | 3.50E-06 | 3.43E-06 | 3.37E-06 | 1.01E-03 | 2.01E-04 |
| 167059.573909162 | 167059.57 | 3909162.59 | FENCEGRD | 2.62E-04 | 2.53E-04 | 2.43E-04 | 2.35E-04 | 5.75E-06 | 1.22E-04 | 4.21E-06 | 4.12E-06 | 4.04E-06 | 3.96E-06 | 1.14E-03 | 2.27E-04 |
| 167059.573909185 | 167059.57 | 3909185.91 | FENCEGRD | 2.93E-04 | 2.83E-04 | 2.73E-04 | 2.64E-04 | 6.74E-06 | 1.30E-04 | 4.94E-06 | 4.83E-06 | 4.73E-06 | 4.64E-06 | 1.27E-03 | 2.54E-04 |
| 167059.573909209 | 167059.57 | 3909209.24 | FENCEGRD | 3.21E-04 | 3.11E-04 | 3.00E-04 | 2.91E-04 | 7.95E-06 | 1.37E-04 | 5.71E-06 | 5.60E-06 | 5.49E-06 | 5.39E-06 | 1.39E-03 | 2.78E-04 |
| 167059.573909232 | 167059.57 | 3909232.56 | FENCEGRD | 3.48E-04 | 3.37E-04 | 3.26E-04 | 3.17E-04 | 9.44E-06 | 1.44E-04 | 6.50E-06 | 6.38E-06 | 6.27E-06 | 6.17E-06 | 1.51E-03 | 3.01E-04 |
| 167059.573909255 | 167059.57 | 3909255.88 | FENCEGRD | 3.73E-04 | 3.63E-04 | 3.51E-04 | 3.41E-04 | 1.13E-05 | 1.50E-04 | 7.27E-06 | 7.15E-06 | 7.03E-06 | 6.92E-06 | 1.62E-03 | 3.24E-04 |
| 167059.573909279 | 167059.57 | 3909279.20 | FENCEGRD | 3.99E-04 | 3.87E-04 | 3.75E-04 | 3.65E-04 | 1.34E-05 | 1.56E-04 | 7.99E-06 | 7.86E-06 | 7.75E-06 | 7.64E-06 | 1.73E-03 | 3.45E-04 |
| 166963.014395385 | 166963.01 | 3909118.12 | FENCEGRD | 1.70E-04 | 1.64E-04 | 1.58E-04 | 1.53E-04 | 4.49E-06 | 9.06E-05 | 2.84E-06 | 2.79E-06 | 2.74E-06 | 2.70E-06 | 7.52E-04 | 1.50E-04 |
| 166969.903186155 | 166969.90 | 3909075.82 | FENCEGRD | 1.37E-04 | 1.33E-04 | 1.28E-04 | 1.24E-04 | 3.56E-06 | 7.98E-05 | 2.23E-06 | 2.20E-06 | 2.16E-06 | 2.13E-06 | 6.14E-04 | 1.23E-04 |
| 166976.791976925 | 166976.79 | 3909033.51 | FENCEGRD | 1.10E-04 | 1.07E-04 | 1.04E-04 | 1.01E-04 | 2.84E-06 | 6.86E-05 | 1.76E-06 | 1.74E-06 | 1.72E-06 | 1.70E-06 | 4.99E-04 | 9.99E-05 |
| 166983.680767696 | 166983.68 | 3908991.21 | FENCEGRD | 9.01E-05 | 8.79E-05 | 8.56E-05 | 8.37E-05 | 2.34E-06 | 5.83E-05 | 1.41E-06 | 1.39E-06 | 1.38E-06 | 1.36E-06 | 4.13E-04 | 8.27E-05 |
| 166959.573909162 | 166959.57 | 3909162.59 | FENCEGRD | 2.10E-04 | 2.03E-04 | 1.96E-04 | 1.90E-04 | 5.74E-06 | 1.02E-04 | 3.69E-06 | 3.62E-06 | 3.55E-06 | 3.49E-06 | 9.22E-04 | 1.84E-04 |
| 166959.573909185 | 166959.57 | 3909185.91 | FENCEGRD | 2.33E-04 | 2.25E-04 | 2.18E-04 | 2.11E-04 | 6.57E-06 | 1.08E-04 | 4.23E-06 | 4.15E-06 | 4.08E-06 | 4.01E-06 | 1.02E-03 | 2.04E-04 |
| 166959.573909209 | 166959.57 | 3909209.24 | FENCEGRD | 2.54E-04 | 2.47E-04 | 2.39E-04 | 2.32E-04 | 7.56E-06 | 1.14E-04 | 4.83E-06 | 4.74E-06 | 4.66E-06 | 4.58E-06 | 1.11E-03 | 2.22E-04 |
| 166959.573909232 | 166959.57 | 3909232.56 | FENCEGRD | 2.73E-04 | 2.66E-04 | 2.58E-04 | 2.51E-04 | 8.75E-06 | 1.20E-04 | 5.43E-06 | 5.34E-06 | 5.26E-06 | 5.18E-06 | 1.20E-03 | 2.40E-04 |
| 166959.573909255 | 166959.57 | 3909255.88 | FENCEGRD | 2.91E-04 | 2.84E-04 | 2.76E-04 | 2.69E-04 | 1.02E-05 | 1.26E-04 | 6.01E-06 | 5.92E-06 | 5.84E-06 | 5.75E-06 | 1.28E-03 | 2.56E-04 |
| 166959.573909279 | 166959.57 | 3909279.20 | FENCEGRD | 3.08E-04 | 3.00E-04 | 2.92E-04 | 2.85E-04 | 1.18E-05 | 1.31E-04 | 6.55E-06 | 6.46E-06 | 6.37E-06 | 6.29E-06 | 1.35E-03 | 2.71E-04 |
| 166863.186615154 | 166863.19 | 3909117.06 | FENCEGRD | 1.41E-04 | 1.37E-04 | 1.33E-04 | 1.29E-04 | 4.47E-06 | 7.71E-05 | 2.57E-06 | 2.53E-06 | 2.50E-06 | 2.46E-06 | 6.32E-04 | 1.26E-04 |
| 166866.803230309 | 166866.80 | 3909094.85 | FENCEGRD | 1.28E-04 | 1.24E-04 | 1.21E-04 | 1.17E-04 | 4.02E-06 | 7.25E-05 | 2.30E-06 | 2.27E-06 | 2.24E-06 | 2.21E-06 | 5.76E-04 | 1.15E-04 |
| 166874.036460617 | 166874.04 | 3909050.43 | FENCEGRD | 1.05E-04 | 1.02E-04 | 9.93E-05 | 9.68E-05 | 3.26E-06 | 6.34E-05 | 1.85E-06 | 1.83E-06 | 1.81E-06 | 1.79E-06 | 4.77E-04 | 9.54E-05 |
| 166877.653075772 | 166877.65 | 3909028.22 | FENCEGRD | 9.52E-05 | 9.28E-05 | 9.03E-05 | 8.81E-05 | 2.93E-06 | 5.89E-05 | 1.67E-06 | 1.65E-06 | 1.63E-06 | 1.61E-06 | 4.35E-04 | 8.70E-05 |
| 166881.269690926 | 166881.27 | 3909006.02 | FENCEGRD | 8.68E-05 | 8.47E-05 | 8.25E-05 | 8.06E-05 | 2.65E-06 | 5.46E-05 | 1.51E-06 | 1.49E-06 | 1.47E-06 | 1.46E-06 | 3.98E-04 | 7.96E-05 |
| 166884.886306083 | 166884.89 | 3908983.81 | FENCEGRD | 7.94E-05 | 7.76E-05 | 7.57E-05 | 7.41E-05 | 2.40E-06 | 5.03E-05 | 1.36E-06 | 1.35E-06 | 1.33E-06 | 1.32E-06 | 3.65E-04 | 7.30E-05 |
| 166888.502921235 | 166888.50 | 3908961.60 | FENCEGRD | 7.30E-05 | 7.14E-05 | 6.98E-05 | 6.84E-05 | 2.18E-06 | 4.60E-05 | 1.23E-06 | 1.22E-06 | 1.20E-06 | 1.19E-06 | 3.36E-04 | 6.71E-05 |
| 166859.573909139 | 166859.57 | 3909139.27 | FENCEGRD | 1.55E-04 | 1.51E-04 | 1.46E-04 | 1.42E-04 | 4.97E-06 | 8.15E-05 | 2.88E-06 | 2.83E-06 | 2.79E-06 | 2.75E-06 | 6.91E-04 | 1.38E-04 |
| 166859.573909162 | 166859.57 | 3909162.59 | FENCEGRD | 1.72E-04 | 1.67E-04 | 1.62E-04 | 1.57E-04 | 5.57E-06 | 8.66E-05 | 3.26E-06 | 3.20E-06 | 3.15E-06 | 3.10E-06 | 7.63E-04 | 1.53E-04 |
| 166859.573909185 | 166859.57 | 3909185.91 | FENCEGRD | 1.89E-04 | 1.84E-04 | 1.78E-04 | 1.73E-04 | 6.27E-06 | 9.19E-05 | 3.68E-06 | 3.62E-06 | 3.56E-06 | 3.51E-06 | 8.37E-04 | 1.67E-04 |
| 166859.573909209 | 166859.57 | 3909209.24 | FENCEGRD | 2.06E-04 | 2.00E-04 | 1.95E-04 | 1.89E-04 | 7.10E-06 | 9.72E-05 | 4.15E-06 | 4.08E-06 | 4.02E-06 | 3.95E-06 | 9.11E-04 | 1.82E-04 |
| 166859.573909232 | 166859.57 | 3909232.56 | FENCEGRD | 2.21E-04 | 2.16E-04 | 2.10E-04 | 2.05E-04 | 8.06E-06 | 1.02E-04 | 4.63E-06 | 4.56E-06 | 4.49E-06 | 4.42E-06 | 9.79E-04 | 1.96E-04 |
| 166859.573909255 | 166859.57 | 3909255.88 | FENCEGRD | 2.35E-04 | 2.29E-04 | 2.23E-04 | 2.18E-04 | 9.18E-06 | 1.07E-04 | 5.09E-06 | 5.02E-06 | 4.96E-06 | 4.89E-06 | 1.04E-03 | 2.08E-04 |
| 166859.573909279 | 166859.57 | 3909279.20 | FENCEGRD | 2.48E-04 | 2.42E-04 | 2.36E-04 | 2.31E-04 | 1.05E-05 | 1.12E-04 | 5.53E-06 | 5.46E-06 | 5.40E-06 | 5.33E-06 | 1.10E-03 | 2.20E-04 |
| 167540.497012865 | 167540.50 | 3909215.75 | | 4.43E-04 | 4.55E-04 | 4.70E-04 | 4.82E-04 | 1.73E-05 | 2.81E-04 | 3.61E-05 | 3.59E-05 | 3.58E-05 | 3.47E-05 | 2.29E-03 | 4.58E-04 |
| 167541.642759649 | 167541.64 | 3909179.96 | | 3.45E-04 | 3.40E-04 | 3.41E-04 | 3.42E-04 | 1.40E-05 | 2.75E-04 | 2.42E-05 | 2.21E-05 | 1.99E-05 | 1.78E-05 | 1.74E-03 | 3.48E-04 |
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| 167536.333909120 | 167536.33 | 3909120.68 | | 1.13E-04 | 1.11E-04 | 1.10E-04 | 1.10E-04 | 1.07E-05 | 2.53E-04 | 3.78E-06 | 3.36E-06 | 3.04E-06 | 2.83E-06 | 7.21E-04 | 1.44E-04 |
| 167536.333909106 | 167536.33 | 3909106.64 | | 8.57E-05 | 8.60E-05 | 8.79E-05 | 8.97E-05 | 1.04E-05 | 2.47E-04 | 2.54E-06 | 2.38E-06 | 2.23E-06 | 2.13E-06 | 6.16E-04 | 1.23E-04 |
| 167534.583909076 | 167534.58 | 3909076.82 | | 7.46E-05 | 7.59E-05 | 7.79E-05 | 7.99E-05 | 9.65E-06 | 2.32E-04 | 1.74E-06 | 1.68E-06 | 1.63E-06 | 1.58E-06 | 5.56E-04 | 1.11E-04 |
| 167559.143909104 | 167559.14 | 3909104.89 | | 7.32E-05 | 7.39E-05 | 7.49E-05 | 7.60E-05 | 1.49E-05 | 2.70E-04 | 3.09E-06 | 2.87E-06 | 2.67E-06 | 2.53E-06 | 5.94E-04 | 1.19E-04 |
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| 167589.843909052 | 167589.84 | 3909052.25 | | 1.19E-04 | 1.01E-04 | 8.86E-05 | 8.28E-05 | 1.91E-05 | 2.80E-04 | 4.78E-06 | 4.37E-06 | 4.00E-06 | 3.70E-06 | 7.07E-04 | 1.41E-04 |
| 167615.283909003 | 167615.28 | 3909003.13 | | 3.73E-04 | 3.01E-04 | 2.41E-04 | 2.05E-04 | 2.06E-05 | 2.80E-04 | 6.30E-06 | 5.83E-06 | 5.40E-06 | 5.04E-06 | 1.44E-03 | 2.88E-04 |
| 167542.473909053 | 167542.47 | 3909053.13 | | 7.24E-05 | 7.32E-05 | 7.47E-05 | 7.63E-05 | 1.02E-05 | 2.22E-04 | 1.79E-06 | 1.73E-06 | 1.66E-06 | 1.61E-06 | 5.36E-04 | 1.07E-04 |
| 167566.163909006 | 167566.16 | 3909006.64 | | 9.95E-05 | 9.40E-05 | 8.94E-05 | 8.73E-05 | 1.18E-05 | 2.06E-04 | 2.63E-06 | 2.49E-06 | 2.35E-06 | 2.24E-06 | 5.98E-04 | 1.20E-04 |
| 167539.753909198 | 167539.75 | 3909198.46 | | 4.09E-04 | 4.13E-04 | 4.22E-04 | 4.28E-04 | 1.45E-05 | 2.76E-04 | 3.05E-05 | 2.93E-05 | 2.79E-05 | 2.61E-05 | 2.08E-03 | 4.15E-04 |
| 167537.083909134 | 167537.08 | 3909134.72 | | 1.58E-04 | 1.53E-04 | 1.51E-04 | 1.48E-04 | 1.11E-05 | 2.59E-04 | 6.35E-06 | 5.43E-06 | 4.70E-06 | 4.23E-06 | 9.02E-04 | 1.80E-04 |
| 167535.553909092 | 167535.55 | 3909092.74 | | 7.65E-05 | 7.79E-05 | 8.03E-05 | 8.26E-05 | 1.00E-05 | 2.40E-04 | 2.00E-06 | 1.92E-06 | 1.84E-06 | 1.78E-06 | 5.75E-04 | 1.15E-04 |
| 167558.453909089 | 167558.45 | 3909089.69 | | 7.17E-05 | 7.24E-05 | 7.34E-05 | 7.41E-05 | 1.39E-05 | 2.56E-04 | 2.58E-06 | 2.45E-06 | 2.32E-06 | 2.21E-06 | 5.72E-04 | 1.14E-04 |
| 167553.493909032 | 167553.49 | 3909032.06 | | 7.56E-05 | 7.50E-05 | 7.52E-05 | 7.60E-05 | 1.10E-05 | 2.15E-04 | 2.12E-06 | 2.02E-06 | 1.92E-06 | 1.84E-06 | 5.36E-04 | 1.07E-04 |
| 167601.963909028 | 167601.96 | 3909028.24 | | 2.34E-04 | 1.83E-04 | 1.44E-04 | 1.24E-04 | 1.99E-05 | 2.80E-04 | 5.59E-06 | 5.14E-06 | 4.73E-06 | 4.39E-06 | 1.00E-03 | 2.01E-04 |

Cancer Risk Exposure Parameters

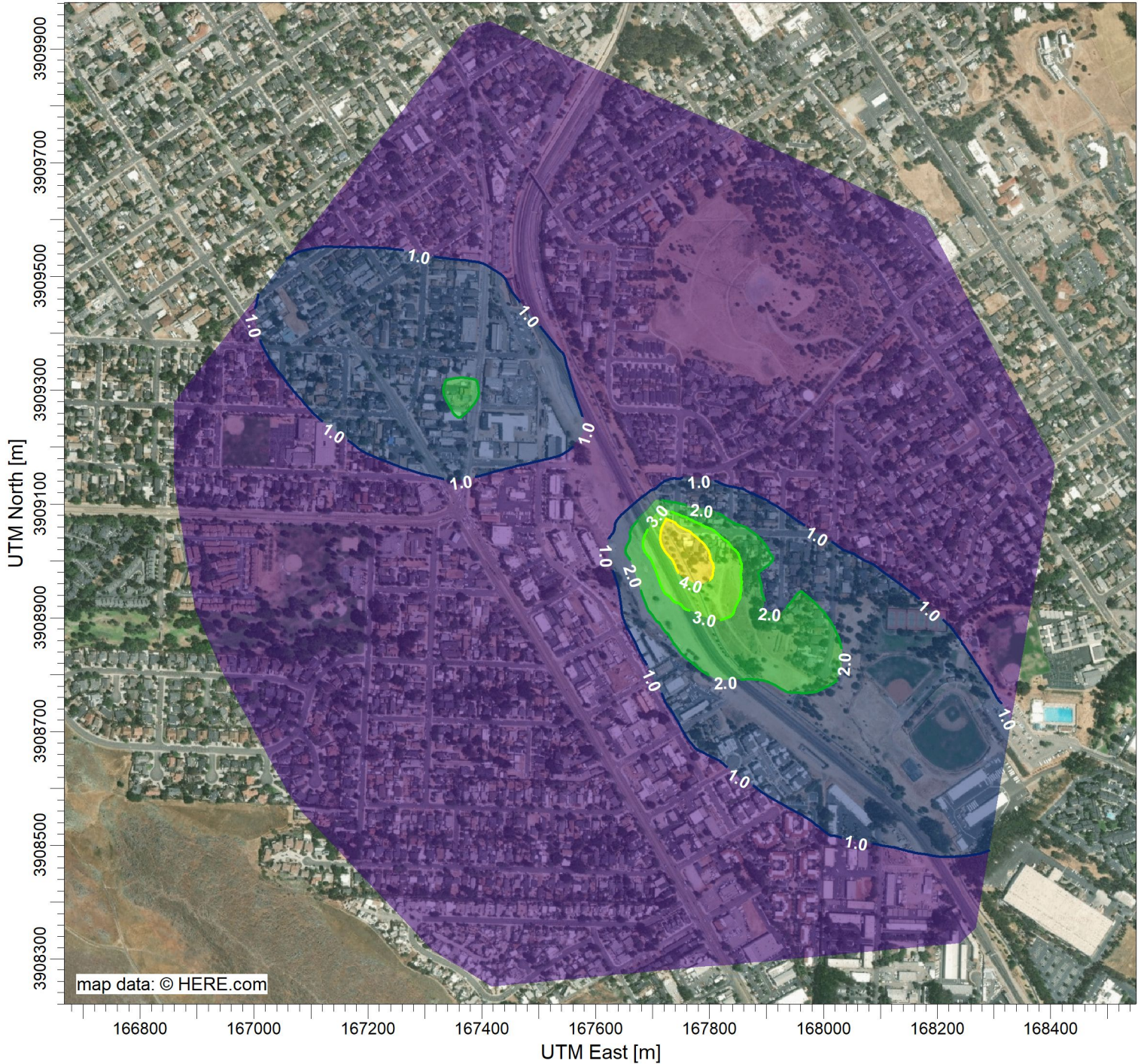
RESIDENTIAL EXPOSURE FACTORS

| Parameter | Abbr. | 3rd Tri | 0<2 | 2<16 | 16<30 |
|--|------------------|----------|----------|----------|----------|
| Daily Breathing Rate (mg/kg/day) ¹ | DBR | 361 | 1,090 | 745 | 335 |
| Inhalation Absorption Factor (unitless) | A | 1.0 | 1.0 | 1.0 | 1.0 |
| Exposure Frequency (unitless) ² | EF | 0.96 | 0.96 | 0.96 | 0.96 |
| Conversion Factor (ug to mg, L to m ³) | CF | 1.00E-06 | 1.00E-06 | 1.00E-06 | 1.00E-06 |
| Age Sensitivity Factor (unitless) ³ | ASF | 10 | 10 | 3 | 1 |
| Exposure Duration (years) | ED | 0.25 | 2 | 14 | 14 |
| Averaging Time for Lifetime (years) ⁴ | AT | 70 | 70 | 70 | 70 |
| Fraction of Time at Home (unitless) ⁵ | FAH | 0.85 | 0.85 | 0.72 | 0.73 |
| Worker Adjustment Factor (unitless) | WAF | n/a | n/a | n/a | n/a |
| Cancer Conversion Factor (unitless) ⁶ | CCF | 1.00E+06 | 1.00E+06 | 1.00E+06 | 1.00E+06 |
| Cancer Potency Factor (mg/kg/day) ⁻¹ | CPF ⁷ | 1.1 | 1.1 | 1.1 | 1.1 |

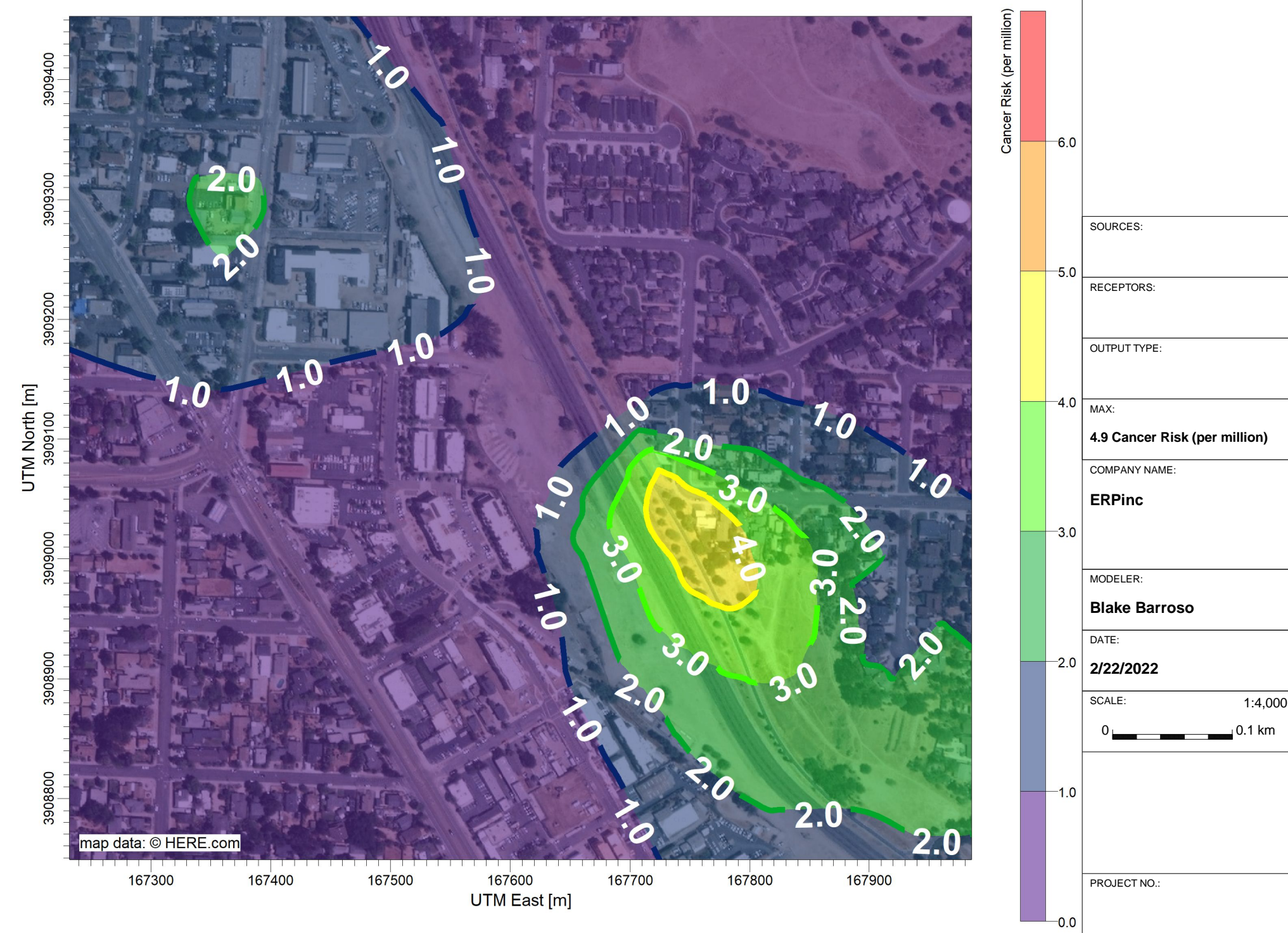
- 1. OEHHA Table 5.7, 95th percentile for all age groups.
- 2. Based on 350 days per year.
- 3. OEHHA 2015, Table 8.3.
- 4. Averaging time is always 70 years.
- 5. OEHHA 2015, Table 8.4.
- 6. Conversion factor used to convert cancer risk to chances per million.
- 7. OEHHA 2015, Table 7.1.

Cancer Risk Contour Maps

Model Domain View



Point of Maximum Impact View





LOSSAN

Los Angeles - San Diego - San Luis Obispo
Rail Corridor Agency

Noise and Vibration Technical Report

Central Coast Layover Facility Project

April 2022 ~~November 2021~~

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Appendices

Appendix A. Federal Transit Administration Acoustic Modeling Input Data

Appendix B. Monitoring Equipment Calibration Certificates

Appendix C. Detailed Modeling Results

Acronyms

| | |
|------------------|---|
| Agency | LOSSAN Rail Corridor Agency |
| CEQA | California Environmental Quality Act |
| CP | control point |
| dB | decibel |
| dBA | A-weighted decibels |
| FRA | Federal Railroad Administration |
| FTA | Federal Transit Administration |
| L _{dn} | day-night average sound level |
| L _{eq} | equivalent sound level |
| L _{max} | Maximum sound level |
| LOSSAN | Los Angeles – San Diego – San Luis Obispo |
| MP | mile post |
| PPV | peak particle velocity |
| Project | Central Coast Layover Facility |
| ROW | right-of-way |
| VdB | vibration decibels |

1 Introduction

At the request of the Los Angeles – San Diego – San Luis Obispo (LOSSAN) Rail Corridor Agency (Agency), HDR and HMMH conducted noise and vibration analysis for the proposed Central Coast Layover Facility (CCLF) Project (Project). The purpose of this report is to analyze the potential for noise and vibration impacts on sensitive land uses as a result of the Project. The analysis areas for this report include the noise analysis area defined as the area within 650 feet of the Project which is the screening distance identified by the Federal Transit Administration (FTA) (FTA, 2018), and vibration analysis area defined as the area within 200 feet, also the screening distance identified by FTA, of where intercity trains would operate.

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2 Project Description

2.1 Project Overview

The Los Angeles – San Diego – San Luis Obispo (LOSSAN) Rail Corridor Agency (Agency) is proposing the relocation and expansion of the existing Pacific Surfliner layover facility located at the northern end of the LOSSAN rail corridor in San Luis Obispo, California. The proposed facility would increase overnight layover and storage capacity to support the service goals and objectives outlined for the Pacific Surfliner in both the 2018 California State Rail Plan (State Rail Plan) and the LOSSAN Agency's Fiscal Year (FY) 2019-20 and 2020-21 Business Plan (Business Plan).

Currently, one Pacific Surfliner train overnights each day in San Luis Obispo for an early morning departure the following day. Both the State Rail Plan and the LOSSAN Agency Business Plan identify growth in the service levels of the Pacific Surfliner to San Luis Obispo. As currently configured, the existing single-track facility does not have the capacity to accommodate any growth in service levels beyond the current service. The proposed Project will facilitate the maintenance of equipment at the northern terminus of the LOSSAN rail corridor. It will allow additional passenger trains to be maintained, serviced, and stored in San Luis Obispo overnight with no impact to the operations of Union Pacific (UP), allowing a second, more convenient, morning departure from San Luis Obispo, subject to UP approval of the proposed schedule. It will also provide for the opportunity to store and service additional train sets used for further expansion of the Service.

2.2 Project Location

The Project site is located on approximately 13 acres of relatively undeveloped land in the City of San Luis Obispo, which is situated along the Central Coast region of California, approximately 190 miles north of Los Angeles (Figure 2-1). The existing Pacific Surfliner layover facility is located directly across from the San Luis Obispo Amtrak Station, located at 1011 Railroad Avenue. The Project site is located approximately 0.3-mile south of the San Luis Obispo Amtrak Station. The Project site extends from south of the San Luis Obispo Railroad Museum's parking lot to east of Lawrence Drive. The Project site is between the Union Pacific Main Tracks and existing commercial and residential development to the west.

As shown on Figure 2-2, the Project site is located entirely within the City of San Luis Obispo's Railroad Historic District (District). The District boundary covers approximately one-half square mile and extends along the railroad right-of-way (ROW) for a distance of about 1.7 miles in roughly a north-south axis. The District includes the original railroad yard, plus residential and commercial-zoned property on the west side of the railroad ROW (City of San Luis Obispo Community Development Department 1998).

Figure 2-1. Regional Location

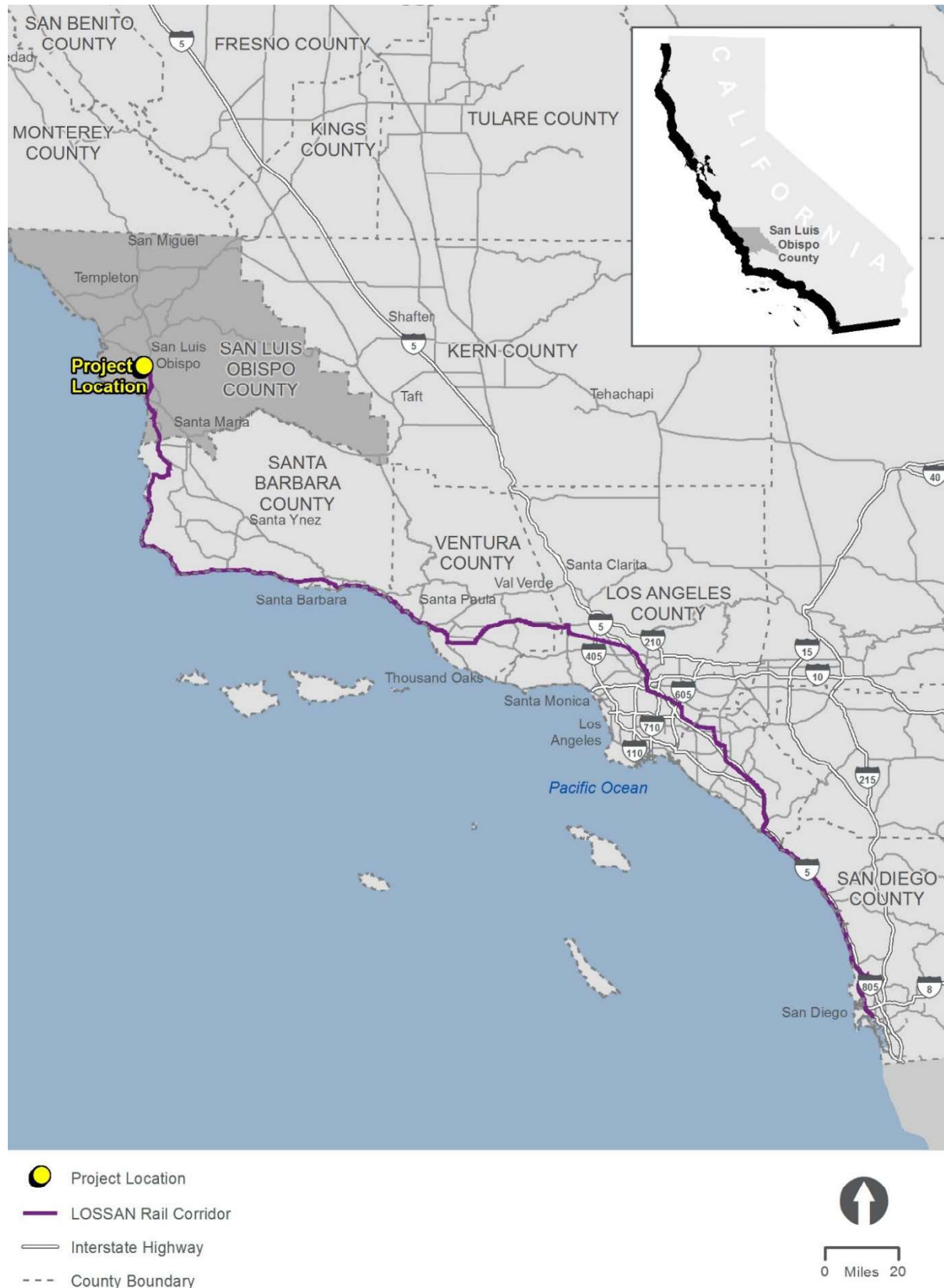
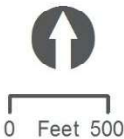


Figure 2-2. Project Site



- Project Site
- Railroad Historic District
- Existing San Luis Obispo Amtrak Station
- Existing Pacific Surfliner Layover Facility
- San Luis Obispo Railroad Museum
- LOSSAN Rail Corridor



2.3 Proposed Project

The proposed Project includes the construction of a new rail yard, storage and servicing tracks, operations and maintenance buildings, landscape improvements, and safety and security features. Perimeter fencing would be installed around the facility for site security and public safety.

2.3.1 Rail Yard and Tracks

The proposed Project would construct a new rail yard with up to five new tracks, with Track 1 positioned as the westernmost track and Track 5 positioned as the easternmost track.

- Track 1 – Bypass and wash track with train wash building
- Track 2 – Storage track with service and inspection (S&I) position
- Track 3 – Storage track
- Track 4 – Storage track
- Track 5 – Storage track

Trains would enter the site from the mainline switch at the north end of the site, passing through the Train Wash on Track 1. Trains would travel south, passing the train wash building onto the tail track and then reverse direction into either S&I position or to one of the other storage tracks. Upon reaching the S&I position or a storage track, the trains would park for the night, connecting to ground power to allow for the electric functions of the train to continue and connecting to a yard air compressor to keep the brake system charged. These connections allow for continuity of these functions without the locomotive engine running, minimizing engine idling within the facility.

From the S&I or storage positions, daily servicing and light maintenance can occur. Trains stored on the S&I track would also undergo additional safety, operational and reliability inspections.

Trains would exit the facility north toward the San Luis Obispo station at intervals based on the approved and published service schedules.

2.3.2 Buildings

The proposed CCLF would consist of a series of single-story structures housing a variety of functions including office space, storage space, workshops, train wash, train S&I and wheel truing.

Operations/Fleet Maintenance Building. The Operations Building would be an approximately 3,000 square foot (sf) one-story building, which would house administrative offices and restrooms for operations and maintenance staff.

Fleet Maintenance Shops Building. The Fleet Maintenance Shops Building would be a one-story building and approximately 2,900 sf, and would house a welding/fabrication shop, brake and coupler shop, and toolbox storage.

Parts Storeroom Building. The Parts Storeroom Building would be a one-story building, approximately 1,500 sf, located adjacent to the Fleet Maintenance Shops Building and Maintenance of Way Building. This building would store components and parts that are required on a frequent basis to support maintenance activities, and would include a dedicated secure area for shipping, receiving and storage.

Maintenance of Way (MOW) Building. The MOW Building would be a one-story building, approximately 2,200 sf, located adjacent to the Parts Storeroom Building. MOW is responsible for inspection and maintenance of track, roadbed, and buildings. MOW is also responsible for inspection and maintenance of non-revenue vehicles assigned to the CCLF.

Wash Building. The Wash Building would be a 9-10,000 sf one-story building, located at the center of the Project site on Track 1. An automatic, drive-through train wash would be enclosed in the Wash Building. As described above, trains entering the maintenance facility would pass through the Train Wash Building for cleaning prior to being placed on one of the storage tracks.

The train wash would operate 7 days per week. Each train arriving at the facility at the end of its service day will enter through the wash, requiring it to run for about 5-10 minutes for each train. The timing of the train wash operation will depend on the approved and published service schedule and would likely be during the evening hours.

Wheel Truing Building. The Wheel Truing Building would be a one-story building, approximately 1,900 sf in size and located at the north end of the Project site adjacent to the San Luis Obispo Railroad Museum parking lot. The Wheel Truing Building would house an underfloor pit-mounted wheel truing machine. Use of this facility is anticipated to be infrequent and not part of the daily operation.

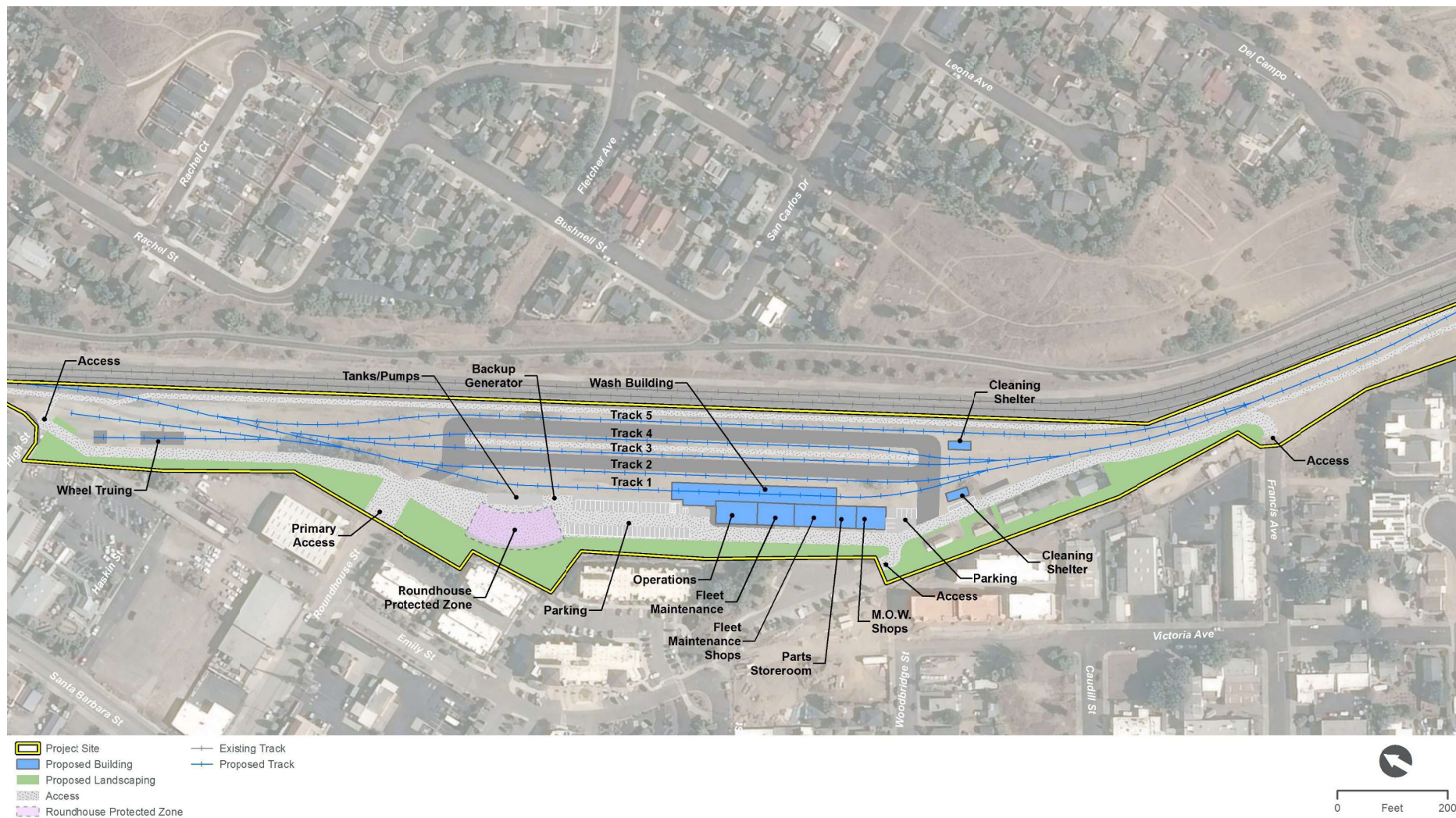
S&I Shelter

Track 2 would function as a storage track with an S&I position. The S&I track would be covered by a 24' high shelter. To provide access to the underside of a train for inspection and maintenance, a lower level work area or gauge pit would be installed.

Cleaning Shelters

Two cleaning shelters would be provided south of the Wash Building and storage tracks.

Figure 2-3. Site Plan



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Parking

The proposed Project would provide a total of 54 on-site parking spaces for employees and visitors. Most of the parking spaces would be located on the west end of the central yard in between the Roundhouse Site and Operations building. The other parking spaces would be located adjacent to the MOW Shops building.

Access

Primary employee and visitor access to the site would be from Roundhouse Avenue. Additional emergency access to the site would be available from the train museum parking lot (north end of site), from the parking lot off Alphonso Street (center of site), and from Francis Avenue (south end of site).

Landscape Plan

The proposed Project would install landscaping to buffer maintenance and servicing operations from adjacent neighboring residential and recreational uses. The Project's plant palette will be comprised of species native or fully adapted to San Luis Obispo's climate. The list of species will draw from the San Luis Obispo County-Approved Plant List and the Calscape, or California Native Plant Society, database of plants native to the area. Species will be selected to be relatively low maintenance, have minimal leaf litter, and be non-fruiting so as not to attract vectors or birds.

East Landscape Buffer

Single-family residences overlook the east edge of the Project site, with views toward the hills of the surrounding regional open space west of the city. A Class I bike trail traverses the Historic Railroad District, connecting to regional trails and other San Luis Obispo recreation sites.

Landscape material for the east buffer will be congruent with the existing plant palette – a diverse mix of native/adaptive species consistent with the California chaparral and foothill meadow plant communities. The main objective in enhancing the landscape buffer at the east edge is to frame views over the existing rail yard toward the distant hills, screening the Project site and its enhanced maintenance operations.

West Landscape Buffer and Class I Bike Trail

Multi-family condominiums and apartments are located adjacent to the Project site's western edge. The majority of the on-site landscape buffer area is to be established between the proposed rail improvements and maintenance program elements and these adjacent residences.

Additionally, a new segment of Class I bike trail, from approximately High Street to Francis Avenue, is identified in the City of San Luis Obispo's 2013 Bicycle Transportation Plan's Eastern Area Implementation Projects as a future Class I trail connecting existing Class I, II, and III segments to comprise the Railroad Safety Trail. This portion incorporates the *High to Roundhouse* segment and the majority of the *Roundhouse to McMillian* segment, approximately 1,750 linear feet of new Class I trail. Should Project conditions, land use, and right-of-way alignments allow, this segment could be constructed, to complete the connection to Francis Avenue.

The bike path would meander slightly through the landscape buffer, providing users distance from the rail yard operations and limiting the impact of trail activity noise on the adjacent residential communities. This

new connection would provide largely protected bike and pedestrian trail access from the Old Town Historic District through the Railroad Historic District, from the San Luis Obispo Railroad Museum, past the rail yard at Project site, and back into the urban fabric of housing and light commercial use.

Roundhouse Protected Zone

The new segment of Class I bike trail presents the opportunity to facilitate public view of the historic site of the Southern Pacific Railroad roundhouse, where the structure's remnant foundation remains visible. Hosting the last steam locomotive in 1956, the roundhouse was demolished in 1959, with the train depot following in 1971, and finally, the turntable in 1994. The unique historic relevance of the roundhouse continues the rail history narrative set by the Railroad Museum to the north, and reinforces the area's designation as the Railroad Historic District.

The Project's program elements would be arranged to avoid significant impact to the roundhouse footing, preserving as much exposed surface for view as possible. The proposed Project would install a transparent perimeter fence along the southwest edge of the roundhouse, where bench seating and interpretive signage will be sited to create an informational node along the active transportation corridor.

Site Security

The site perimeter would be secured with an 8-foot transparent anti-climb fence. Motorized vehicular gates would be provided at all egress/ingress points. Video surveillance cameras would also be installed along the perimeter of the site.

Phasing

Funding is currently not available to construct the entire facility at once. Instead a phased construction approach is intended, constructing an initial portion of the facility which includes the most immediately needed elements, and adding the remaining components as the need arises and additional funding becomes available. The following sections identify the components that would be constructed under Phase 1 and later phases of the proposed project.

Phase 1

Phase 1 intends to meet or exceed the functionality of the existing layover facility and add layover capacity for at least one additional train. This initial phase would include landscaping and trail enhancements around the Phase 1 footprint as well as water quality improvements and underground utility services to serve the ultimate facility. Phase 1 would include the following project components:

- North portions of West Landscape Buffer, 30 feet with pedestrian/bike path, 20-foot minimum setback plus 10 feet
- East Landscape Buffer, green space enhancement wrapping the existing bike path north-to-south
- Upper Yard/Lower Yard site improvements including:
 - Civil topography, grading, drainage, stormwater utilities
 - North-to-south 20-foot access drive, yard paving and service roads
 - Improvements at "Roundhouse Protected Zone"

- Yard perimeter fencing and gates at access points - one (1) main entry at Roundhouse Street (north end of Central Yard); three (3) emergency access points (north and south end of site, south end of Central Yard); fencing only around yard body
- All railroad maintenance roads and mainline east / west perimeter fencing; yard paving and site access roads
- Trackside shelters and services including waste / recycling enclosure
- Temporary portable buildings for essential work functions
- 1 Service & Inspection (S&I) Position, gage pit with canopy
- 2 storage tracks, including S&I track
- Yard / Exterior Area site improvements including partial build-out of parking and driveway

Later Phases

Later phases would include the remaining Master Plan components as dictated by operational needs and as allowed by available funding. Initially this would focus on all items identified as essential components of the ultimate facility, followed later by those features that would expand overall capacity of the facility, as well as enhance operations and efficiency, but which are not immediately mandatory. The following project components could be constructed on the project site based on operational needs and available funding:

- Remaining portions of West Landscape Buffer, 30 feet with pedestrian/bike path, 20-foot minimum setback plus 10 feet
- Yard/Exterior Area site improvements remaining from Phase 1 including parking, driveway, laydown and enclosed yard areas, emergency generator
- 1 wash track with Train Wash Building foundation and pit / infrastructure
- 1 south tail track and connection
- 3 locomotive storage tracks, including 1 extended-length storage track
- Facility Structures (core/shell, interior build-out, equipment installation)
 - Operations (administration)
 - Fleet Maintenance
 - Fleet Maintenance Shops
 - Parts Store Room
 - MOW Shops foundation/pad
 - Train Wash Building, structure/wash arch/canopy
 - Wheel Truing Building and Support Areas
 - Fueling structure and arch
- Wheel Truing Building trackwork and switch
- Retaining wall and grading to support wheel truing building and trackwork

2.3.3 Construction

As described above, funding is currently not available to construct the entire facility at once. Therefore, a phased construction approach is intended, constructing the Phase 1 project components first, and adding the remaining components as the need arises and additional funding becomes available. The following sections provide details regarding the project timeline and construction process.

Phase 1

Project construction for Phase 1 would begin as early as April 2024 and last for approximately 19 months. The work would begin with ground improvements to prepare the site for construction of buildings. Once the buildings are constructed the tracks would be installed. Construction may involve multiple crews working simultaneously and would include equipment such as track stabilizers, excavators, front-end loaders, rubber-tired dozers, cranes, haul trucks, and water trucks.

A summary of the construction activities associated with Phase 1 is provided below:

- Demolition and Rough Grading
- Utility Relocations
- West/East Landscape Buffer and Bike Path
- Access Drive, yard paving and service roads
- Fencing
- S&I Position, gage pit with canopy
- Storage track and 2 turnouts
- Exterior parking and driveway

Later Phases

Project construction for the later phases would be approximately 16 months in duration. Mobilization and demobilization time would add to the duration for later phases depending on how they end up being broken out, though breaking the remaining work into smaller phases would reduce the magnitude of impact for each smaller phase. A summary of the construction activities associated with later phases is provided below:

- West/East landscape buffer and bike path
- Exterior parking and driveway
- Track construction and 10 turnouts
- Operations building
- Fleet maintenance building
- Parts store room
- MOW shops foundation/pad
- Train wash building

- Wheel truing building
- Retaining wall
- Fueling structure

Material and equipment imports and construction personnel would access the Project study area via walking points from the nearest fence access or staging area. Most construction equipment would be brought to the project site at the beginning of the construction process during construction mobilization and would remain on-site throughout the duration of the construction activities for which they were needed.

Construction activities would be scheduled during time frames that allow for exclusive track occupancy by construction crews to minimize effects on LOSSAN operations. To the greatest extent possible, construction activities would be scheduled during the daytime. No weekend work is anticipated.

3 Regulatory Framework

3.1 Noise

3.1.1 Federal Regulations and Guidelines

Several federal laws and guidelines are relevant to the assessment of ground transportation noise and vibration impacts and apply to the Project:

- The Noise Control Act of 1972 (42 United States Code Section 4910) was the first comprehensive statement of national noise policy. It declared that “it is the policy of the United States to promote an environment for all Americans free from noise that jeopardizes their health or welfare.”
- The Federal Transit Administration (FTA) *Transit Noise and Vibration Impact Assessment Manual* (FTA 2018) provides the methodology and impact criteria applicable to conventional passenger rail and transit components associated with the Project.

FTA published a newly revised noise and vibration impact assessment manual in 2018. The impact criteria are based on the goal of maintaining a noise environment considered acceptable for land uses where noise may have an impact. The noise exposure is measured in terms of the day-night average sound level (L_{dn}) for residential land uses or in terms of the hourly equivalent sound level (L_{eq}) for other land uses.

FTA states that in cases where changes are proposed to an existing transit system, the cumulative noise criteria can be used (FTA 2018). In the case of this Project, the cumulative noise criteria are appropriate because the existing facility is being relocated and expanded within the railroad right-of-way where LOSSAN trains operate.

In FTA’s *Transit Noise and Vibration Impact Assessment Manual* (FTA 2018), noise impact criteria for the operation of rail facilities are based on the change in outdoor noise exposure using a sliding scale with three land use categories and three degrees of impact. The criteria were established to reflect a heightened community annoyance caused by late-night or early morning service, as well as communities’ varying sensitivity to noise from projects during different ambient noise conditions.

For operational rail noise, FTA’s three land use categories are as follows:

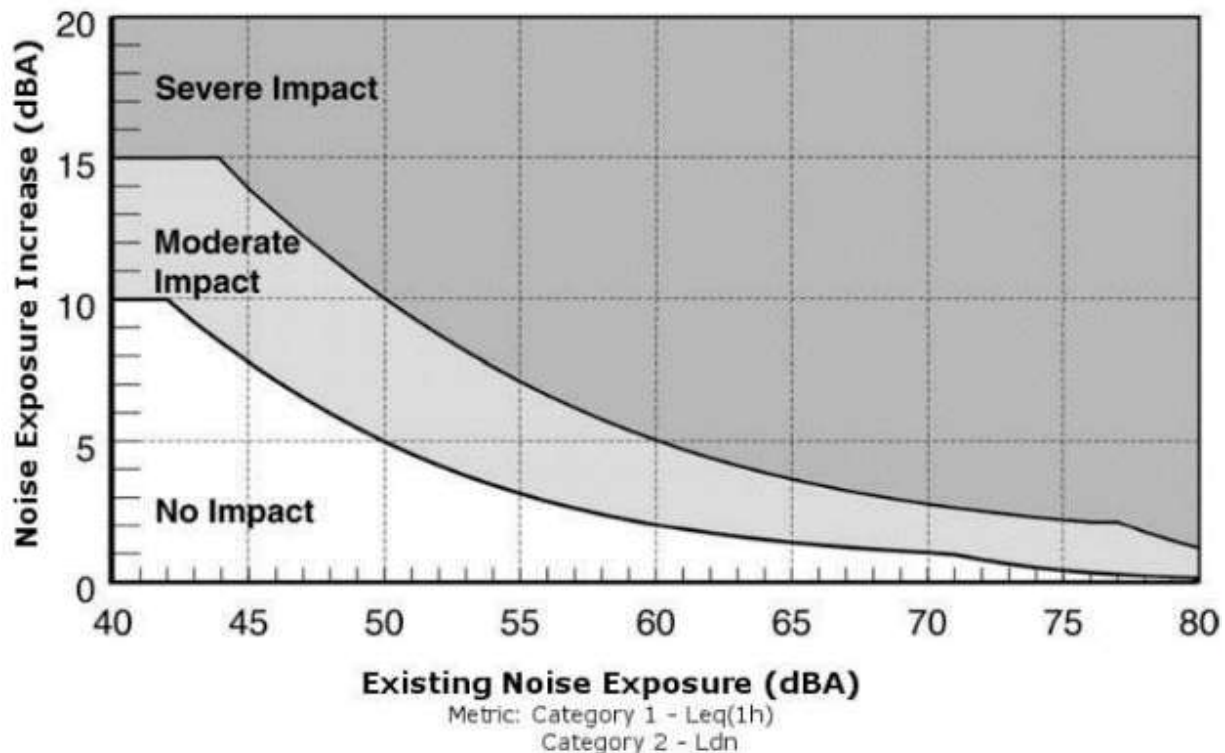
- **Noise Category 1** – Tracts of land where quiet is an essential element in their intended purpose, such as outdoor amphitheaters, concert pavilions, and national historic landmarks with significant outdoor use.
- **Noise Category 2** – Residences and buildings where people normally sleep, including homes, hospitals, and hotels.
- **Noise Category 3** – Institutional land uses (i.e., schools, places of worship, libraries) with use typically during the daytime and evening. Other uses in this category can include medical offices, conference rooms, recording studios, concert halls, cemeteries, monuments, museums, historical sites, parks, and recreational facilities.

The three categories are determined from general land use information about each receiver. No Category 1 receivers are located within 1 mile of the Project alignment, which is well beyond the typical FTA screening distance for noise or vibration impacts. Outdoor hourly L_{dn} applies to Category 2, whereas outdoor L_{eq} applies to Category 3.

Noise impacts on Category 2 and Category 3 land uses as a result of a project are assessed by comparing existing and future project-related outdoor noise levels. Figure 3-1 and Figure 3-2 illustrate the FTA noise impact criteria as they relate to each land use category. The criterion for each degree of impact is based on a sliding scale dependent on the existing noise exposure and the increase in noise exposure attributable to the project. Figure 3-1 and Figure 3-2 illustrate the cumulative noise impact criteria to be used on the Project. Based on FTA criteria, potential noise impacts fall into three types: no impact, moderate impact, and severe impact (FTA 2018). The impact categories are described further below:

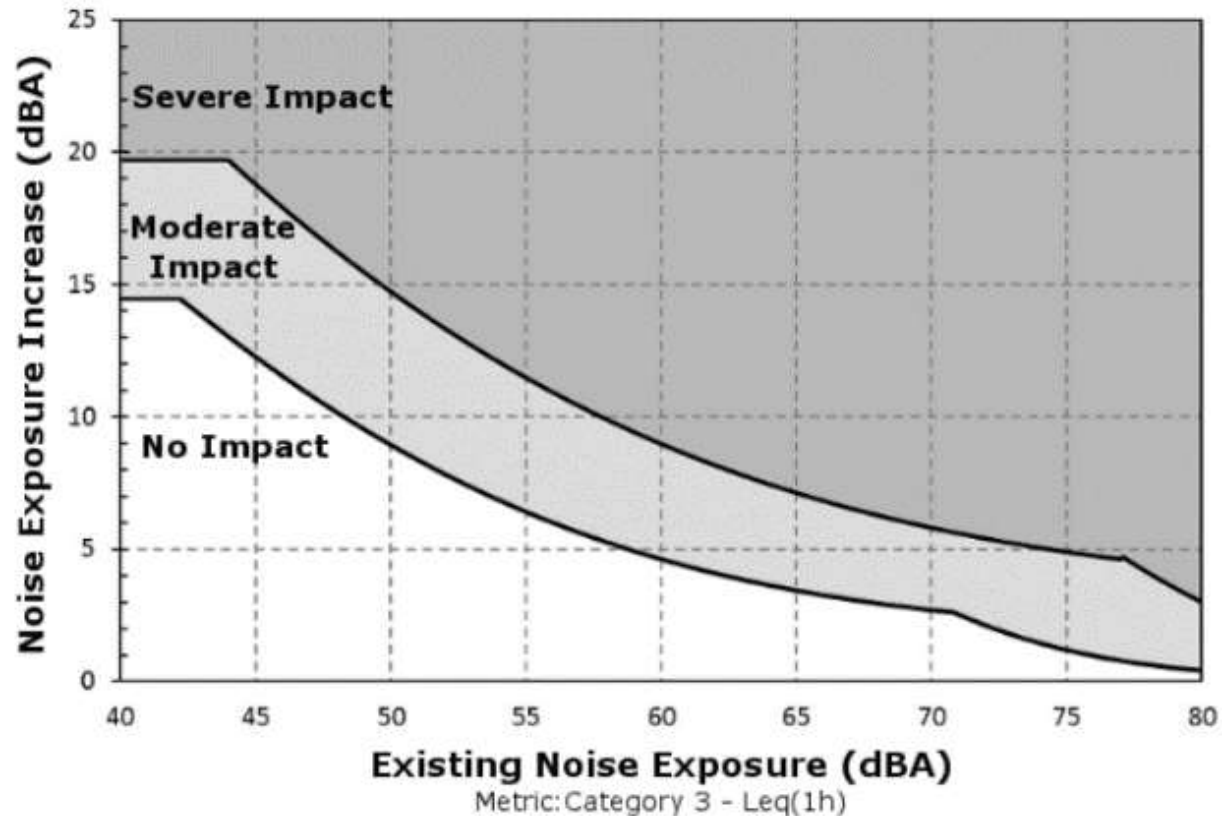
- **No impact** – A project on average would result in an insignificant increase in the number of instances where people are highly annoyed by new noise. This impact level would not require mitigation.
- **Moderate impact** – The change in cumulative noise is noticeable to most people but may not be enough to cause strong, adverse community reactions. The FTA manual indicates mitigation for this impact level should be considered but is not required.
- **Severe impact** – A significant percentage of people would be highly annoyed by the noise, possibly resulting in a strong, negative community reaction. The FTA manual indicates mitigation for this impact level is required.

Figure 3-1. Federal Transit Administration Cumulative Noise Levels Allowed by Criteria Category 2 Land Use



Source: FTA 2018

Figure 3-2. Federal Transit Administration Cumulative Noise Levels Allowed by Criteria Category 3 Land Use



Source: FTA 2018

The FTA manual contains tables listing suggested construction noise impact criteria depending upon the level of detail/understanding of the construction phase (FTA 2018). For the more detailed approach applicable to the Project, the FTA's guidelines for assessment of construction noise shown in Table 3-2 are suggested for use due to different noise levels for daytime and nighttime construction. Daytime is defined as 7:00 a.m. to 10:00 p.m., and nighttime is defined as 10:00 p.m. to 7:00 a.m.

Table 3-1. Prescriptive Federal Transit Administration Construction Noise Assessment Guidelines

| Land Use | 8-Hour L_{eq} (dBA) | | 30-Day Average L_{dn} (dBA) |
|-------------|-----------------------|-------|-------------------------------|
| | Day | Night | |
| Residential | 80 | 70 | 75 ^a |
| Commercial | 85 | 85 | 80 ^b |
| Industrial | 90 | 90 | 85 ^b |

Source: FTA 2018

Notes:

^a In urban areas with very high ambient noise levels (L_{dn} greater than 65 dB), L_{dn} from construction operations should not exceed existing ambient + 10 dB.

^b 24-hour L_{eq} , not L_{dn}

dB=decibel; dBA=A-weighted decibel; L_{eq} =equivalent noise level; L_{dn} =day-night average sound level

3.1.2 State Regulations

At the state level, the California Noise Control Act was enacted in 1973 (Health and Safety Code Section 46010, et seq.). It allows the Department of Health Services' Office of Noise Control to offer assistance to local communities that are developing local noise control programs and work with the Office of Planning and Research to provide guidance for the preparation of the required noise elements in city and county general plans, pursuant to Government Code Section 65302(f).

The California Environmental Quality Act (CEQA; Public Resources Code, section 21000, et seq.) is a state statute passed in 1970. CEQA requires state and local agencies to identify the significant environmental impacts of their actions, including potential impacts from noise and vibration, and avoid or mitigate those impacts when feasible.

The State of California has established land use compatibility criteria that provide guidance on the compatibility of different types of land uses based upon the existing community noise level. These guidelines are often adopted by city and county agencies for land use planning purposes. The State of California has not adopted specific noise criteria that are applicable to rail projects; therefore, the noise impact assessment is based on the guidelines provided by FTA.

3.1.3 Local Regulations

The Project would be in the City of San Luis Obispo, which has regulations that pertain to construction noise; however, the City does not have authority to regulate noise from railroads. Specifically, the City controls construction noise via Chapter 9.2 of its Code of Ordinances (City of San Luis Obispo 2010). This ordinance would allow the Project to be constructed between the hours of 7:00 a.m. and 7:00 p.m. so long as it does not exceed 66 A-weighted decibels (dBA) hourly equivalent sound level (L_{eq}) at single-family residences and 65 dBA L_{eq} at multi-family residences. An exemption would be needed with the City if the Project is required to construct outside of this time period or if exceeding these thresholds is unavoidable. The City's Code does provide an exemption for federally or state mandated projects, of which the Project qualifies since it operates under the authority of the state. In lieu of applicable local regulations, the Project would have an impact if it exceeds the FTA guidelines (see Table 3-1).

3.2 Vibration

3.2.1 Federal Regulations

The evaluation of vibration-impact levels, stated as vibration decibels (VdB), is based on the land use category and the number of vibration events per day. The impact level also depends on the type of analysis being conducted (i.e., ground-borne vibration or ground-borne noise).

The FTA manual provides guidelines to assess human response to different levels of ground-borne noise and vibration, as shown in Table 3-2. There are no Category 1 land uses considered within screening distance (Section 4.3) of the Project. All of vibration-sensitive land uses in the Project study area are Category 2 land uses. Frequent events are defined as more than 70 vibration events per day, while occasional events are defined as between 30 and 70 vibration events per day. Infrequent events are defined as being fewer than 30 events per day.

For areas where there are vibration events, such as those along existing shared railroad corridors, FTA defines a corridor as being heavily used if there are more than 12 trains per day, moderately used if there are 5 to 12 trains per day, and infrequently used if there are less than 5 trains per day. The Project rail corridor would be classified as being infrequently used. For these conditions, an impact would occur if Project operational vibration levels were to exceed the thresholds provided in Table 3-2 with the addition of the Project. For areas that already exceed the FTA criteria the FTA has identified that a potential impact would occur if the Project-related vibration levels resulted in an increase of 3 VdB or more.

Ground-borne noise is normally not a consideration when trains are at grade (i.e., not underground or where there are basements or human activity in spaces underground). In these situations, the air-borne noise is the major consideration. Ground-borne noise generally becomes an important consideration for subways or other projects in which part of the alignment includes a tunnel.

FTA construction-related vibration guidelines call for an investigation of the potential for vibration-induced damage to fragile or extremely fragile buildings (FTA 2018). Damage to a building is possible (but not necessarily probable) if ground-vibration levels exceed the following criteria:

- Exceeds 0.20-inch-per-second peak particle velocity (PPV; approximately 100 VdB) for fragile buildings
- Exceeds 0.12-inch-per-second PPV (approximately 95 VdB) for extremely fragile buildings

No fragile or extremely fragile buildings are located within screening distance (Section 4.4) of the Project study area. Table 3-2 presents the ground-borne vibration and noise impact criteria.

Construction vibration is assessed based on the potential for damage and the likelihood of annoyance. FTA indicates engineered concrete and masonry structures have damage criteria of 0.3 PPV (inches per second). To assess the potential for construction-vibration annoyance, the same vibration thresholds as those identified in Table 3-2 for operational vibration are applied.

Table 3-2. Ground-borne Vibration and Noise Impact Criteria

| Land Use Category | Ground-borne Vibration Impact Levels (VdB re 1 micro inch/second) | | | Ground-borne Noise Impact Levels (dB re 20 micropascals) | | |
|---|--|--------------------------------|--------------------------------|---|--------------------------------|--------------------------------|
| | Frequent Events ^a | Occasional Events ^b | Infrequent Events ^c | Frequent Events ^a | Occasional Events ^b | Infrequent Events ^c |
| Category 1: Buildings where vibration would interfere with interior operations | 65 VdB ^c | 65 VdB ^c | 65 VdB ^c | ___ ^d | ___ ^d | ___ ^d |
| Category 2: Residences and buildings where people normally sleep | 72 VdB | 75 VdB | 80 VdB | 35 dBA | 38 dBA | 43 dBA |
| Category 3: Institutional land uses with primarily daytime use | 75 VdB | 78 VdB | 83 VdB | 40 dBA | 43 dBA | 48 dBA |

Source: FTA 2018

Notes:

- ^a Frequent events is defined as more than 70 vibration events per day.
- ^b Occasional events is defined as between 30 and 70 vibration events of the same source per day.
- ^c Infrequent events is defined as fewer than 30 vibration events per day.
- ^d This criterion limit is based on levels that are acceptable for most moderately sensitive equipment, such as optical microscopes. Vibration-sensitive manufacturing or research would require detailed evaluation to define the acceptable vibration levels. Ensuring lower vibration levels in a building often requires special design of the heating, ventilation, and air-conditioning systems and stiffened floors. Vibration-sensitive equipment is not sensitive to ground-borne noise.

dB=decibel; dBA=A-weighted decibel; VdB=vibration decibels

3.2.2 State Regulations

Ground-borne vibration criteria pursuant to CEQA are provided in Section 6.

3.2.3 Local Regulations

The City of San Luis Obispo does not identify vibration standards or thresholds in their municipal code or other ordinances.

4 Approach

This section describes the overall approach to preparing the noise and vibration analysis for construction and operation. The approach includes acoustic terminology description; vibration terminology description; and methods for assessing operational noise sources, operational vibration, construction noise, and construction vibration.

FTA's *Transit Noise and Vibration Impact Assessment* (FTA 2018) was followed to evaluate the environmental impacts of the Project. Noise and vibration impacts were assessed using procedures followed by the FTA for regional/intercity rail improvements because FRA defers to FTA procedures for this type of evaluation.

4.1 Acoustic Terminology

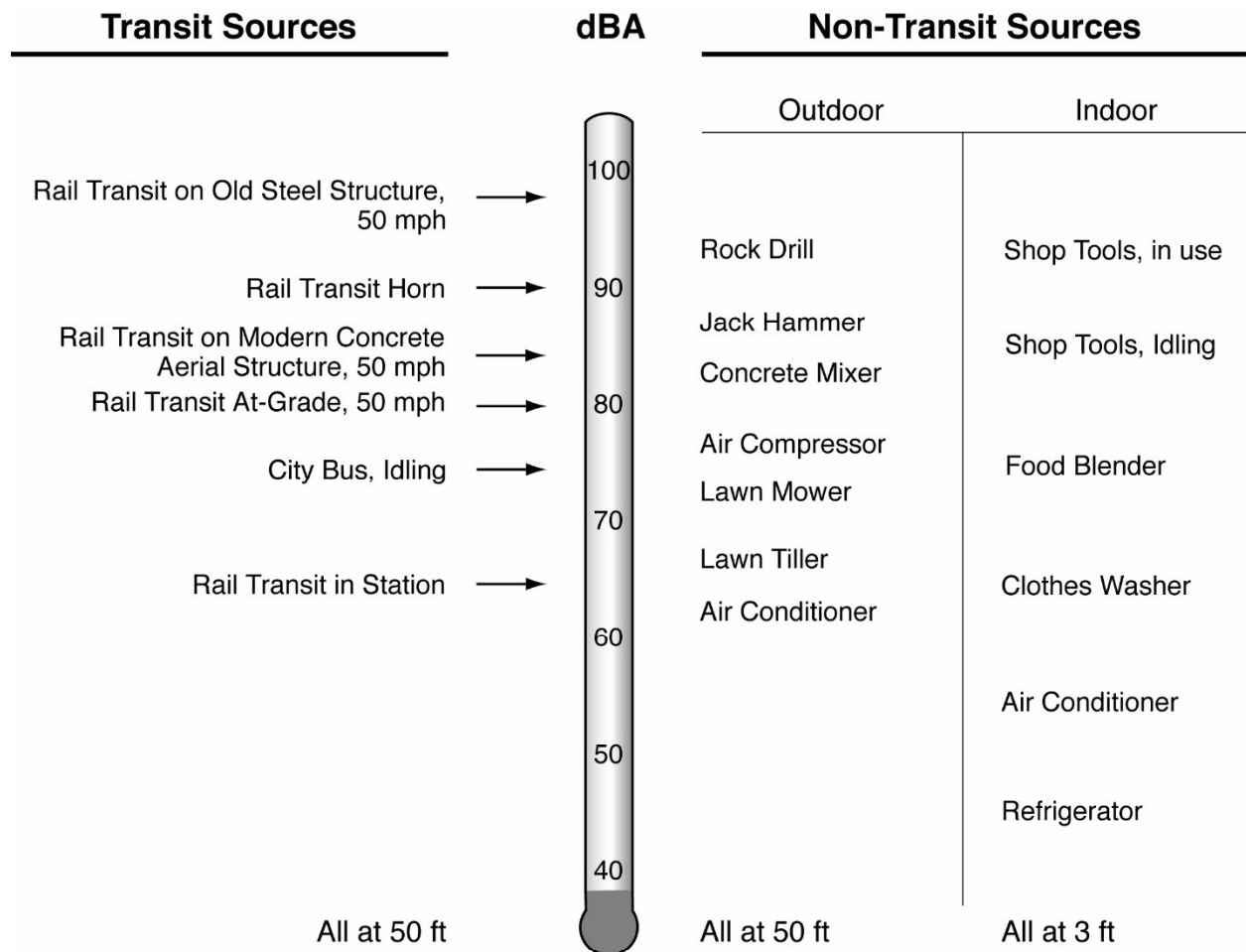
Noise levels are presented on a logarithmic scale to account for the large pressure response range of the human ear. This logarithmic scale is expressed in units of dB. A dB is defined as the ratio between a measured value and a reference value, usually corresponding to the lower threshold of human hearing. The lower threshold of human hearing is defined as 20 micropascals. Typically, a noise analysis examines 11 octave (or 33 1/3 octave) bands ranging from 16 hertz (low) to 16,000 hertz (high). This octave band encompasses the human audible frequency range. Because the human ear does not perceive every frequency with equal loudness, spectrally varying sounds are often adjusted with a weighting filter. The A-weighted filter is applied to compensate for the frequency response of the human auditory system, known as a dBA.

An inherent property of the logarithmic dB scale is that the sound pressure levels of two separate sources are not directly additive. For example, if a sound of 50 dBA is added to another sound of 50 dBA in the proximity, the result is a 3-dB increase, which is a total of 53 dBA and not an arithmetic doubling to 100 dBA. The human ear perceives changes in sound-pressure level relative to changes in loudness. Scientific research demonstrates the following general relationships between sound level and human perception for two sound levels with the same or very similar frequency characteristics:

- One dBA is the practical limit of accuracy for sound measurement systems and corresponds to an approximate 10 percent variation in the sound pressure level. A 1-dBA increase or decrease is a nonperceptible change in sound.
- A 3-dBA increase or decrease is a doubling (or halving) of acoustic pressure level, and it corresponds to the threshold of change in loudness perceptible in a laboratory environment. In practice, the average person is not able to distinguish a 3-dBA difference in environmental sound outdoors.
- A 5-dBA increase or decrease is described as a perceptible change in sound level and is a discernible change in an outdoor environment.
- A 10-dBA increase or decrease is a tenfold increase or decrease in acoustic pressure level but is perceived as a doubling or halving in loudness (e.g., the average person would judge a 10-dBA change in sound level to be twice or half as loud).

Figure 4-1 depicts the estimations of common noise sources and outdoor acoustic environments. It provides a comparison of relative loudness for each of these sources.

Figure 4-1. Relative Loudness



Source: FTA 2018

Noise levels can be measured, modeled, and presented in various formats. The noise metrics that were employed in this analysis have the following definitions:

- **L_{eq} :** Conventionally expressed in dBA, the L_{eq} is the energy-averaged, A-weighted sound level over a specified time period. It is defined as the steady, continuous sound level over a specified time, which has the same acoustic energy as the actual varying sound levels over the specified period. The daytime L_{eq} is the energy averaged sound level for the daytime period (7:00 a.m. to 10:00 p.m.), and the nighttime L_{eq} is the energy averaged sound level for the nighttime period (10:00 p.m. to 7:00 a.m.).
- **L_{dn} :** The L_{dn} is the average, hourly A-weighted L_{eq} for a 24-hour period, with a 10-dB penalty added to sound levels occurring during the nighttime hours (10:00 p.m. to 7:00 a.m.) to account for individuals' increased sensitivity to noise levels during nighttime hours.

- **Community noise equivalent level:** Community noise equivalent level is another average A-weighted L_{eq} sound level measured over a 24-hour period; however, this noise scale is adjusted to account for some individuals' increased sensitivity to noise levels during the evening and nighttime hours. A community noise equivalent level noise measurement is obtained after adding 5 dB to sound levels occurring during evening hours (7:00 p.m. to 10:00 p.m.) and 10 dB to noise levels occurring during nighttime hours (10:00 p.m. to 7:00 a.m.).

4.2 Vibration Terminology

As noted in the FTA's *Noise and Vibration Impact Assessment* (FTA 2018), both train operation and construction activities can be a source of ground-borne vibration. During the construction phase, activities such as driving piles and operating heavy equipment may cause ground-borne vibration. Due to the weight of train equipment, the operation of trains can also cause ground-borne vibration. Vibration is an oscillatory motion, which can be described in terms of displacement, velocity, or acceleration. Velocity or acceleration is typically used to describe vibration. The following two descriptors are frequently used when discussing quantification of vibration:

- **PPV:** the maximum instantaneous positive or negative peak of the vibration signal
- **Root mean square (rms):** the square root of the average of the squared amplitude of the vibration signal, which is typically calculated over a 1-second period
- **VdB:** vibration decibels are used to compress the range of rms values

4.3 Methods for Assessing Operational Noise Sources

4.3.1 Rail Noise

The steps described in FTA's *Transit Noise and Vibration Impact Assessment Manual* (FTA 2018) were followed to evaluate the potential noise and vibration impacts of the Project. FTA methodology identifies a noise screening procedure, a general noise assessment, and a detailed noise assessment, which are outlined below.

- **Noise Screening Procedure** – Following the FTA noise screening procedure, the Project type was identified (e.g., rail yard and shops). The Project-to-receiver screening distance is provided in the manual for this Project. Adjustments to the generic screening distances are made to suit a particular project using the methodology in Section 5 of the FTA manual (FTA 2018). For the Project, the Project-to-receiver screening distance identified is associated with the yard and shop activities. FTA indicated that the potential for noise impacts beyond 650 feet is minimal (FTA 2018). Receivers outside of this distance do not require further noise analysis. Receivers within the screening distance are carried forward for either the general noise assessment or detailed noise assessment. In this case, the Project was evaluated using the detailed noise assessment methods.
- **Detailed Noise Assessment** – Following FTA's detailed noise assessment methodology, the noise impacts associated with the Project were quantified through an in-depth analysis. The methodologies outlined in Section 4.5 of the FTA manual (FTA 2018) were used to calculate the noise levels attributable to train operation on the rail alignment under the existing, future-no-project, and future-with-project scenarios (Project-related contribution). Receivers of

interest (i.e., noise-sensitive receptors) were selected using the guidance provided in Section 4.5 of the FTA manual.

The Project would be built in two phases as described in Section 2, Project Description. During the first phase, operational noise would be associated with idling trains and train movements into and out of the layover facility. The second phase would include new sound sources from the train wash and wheel truing facility. The noise modeling effort associated with the detailed noise assessment accounted for the construction fleet and duration to construct the Project, as well as the number of train movements anticipated to pass through the yard, idle, and use the train wash during daytime and nighttime hours throughout operation. For construction-related impacts, the anticipated construction equipment mix and phases were used to identify potential impacts. The following assumptions were made as part of the operational detailed noise assessment.

Phase 1 Assumptions

- The typical train speed in the yard is 10 miles per hour with the speed of trains through the wash 5 miles per hour.
- Future train movements and consists (e.g., the number of locomotives and cars per train movement) is one locomotive and seven passenger cars for the Pacific Surfliner Train.
- Locomotive horn use was not included in the assessment since there are no at-grade train crossings.
- The future noise exposure would be the combination of the existing noise exposure and the additional Project-related noise exposure.
 - o Train movement volumes are projected to increase in the future, with a total of two trains accessing the CCLF daily. These train movements are incorporated into the noise modeling and the Project levels are logarithmically added to the existing levels, then the difference between the cumulative with Project conditions is compared with the existing levels to identify impact conditions.
- Locomotives would idle for up to ~~45~~50-minutes prior to departure or ~~25~~30-minutes after arriving.
- Source levels for the idling locomotives were based off of measurements conducted of the Pacific Surfliner locomotive using the existing layover facility.
- Special trackwork include an addition of 5 dB per the FTA Manual.

Later Phases Assumptions

- Includes all of the Phase 1 assumptions except there would be up to four trains accessing the CCLF rather than two.
- Locomotives would idle for up to 45-minutes prior to departure, 30-minutes after arriving during daytime hours (7:00 a.m. to 10:00 p.m.) or 25-minutes after arriving during nighttime hours (10:00 p.m. to 7:00 a.m.).
- —
- Trains would access the storage tracks according to the following approach to reduce community noise levels.

- The first train of each day accessing the CCLF would use the easternmost storage track and would not use the train wash. Having the train stored on this track acts as a noise barrier reducing sound levels at sensitive land uses east of the storage facility.
- The second train of each day accessing the CCLF would use the westernmost storage track (i.e., next to the service and inspection track) and would not use the train wash. Having the train stored on this track acts as a noise barrier reducing sound levels at sensitive land uses west of the storage facility.
- The third train each day accessing the CCLF will go through the wash and then access the storage tracks between the easternmost and westernmost storage tracks.
- The fourth train each day accessing the CCLF will go through the wash and then layover on the service and inspection track.
- Wash facility is included with the portals assumed to have a sound level of 74 dBA Leq (Sound Transit 2015).
- The wash facility would operate only during daytime hours.
- Wheel truing machine is expected to not exceed 85 dBA Leq for a 4 hour period to keep from potentially harming workers hearing per Occupational Safety and Health Administration. Additionally, the wheel truing machine would be located in a building to provide additional attenuation.
 - The wheel truing facility would be used infrequently for around 4 hours per day and 5 days per month.

Appendix A provides the noise model input detail for the operational rail noise analysis.

4.3.2 Three-Dimensional Predictive Model

Operational sound levels can be assessed using the FTA spreadsheet models; however, efficiencies can be gained by implementing off-the-shelf acoustic modeling software that implements the calculation methods of the FTA spreadsheets. For this assessment, the three-dimensional off-the-shelf predictive model (i.e., SoundPLAN) was used to calculate rail noise levels implementing the FTA methods for regional/intercity rail. This modeling program conforms to the FTA standard for rail noise sources. The SoundPLAN model includes an array of data inputs, such as sound sources, topography, buildings, and ground characteristics, such as paved areas and vegetated areas. The following steps were taken to implement the FTA standard for rail noise sources in SoundPLAN:

- Each train configuration and the number of train movements on a given track location were entered into SoundPLAN.
- Each source term was applied to specific rail lines based on estimates of train volumes.
- Modeling included terrain contours to capture terrain changes.
- Buildings were modeled as three-dimensional shapes to capture attenuation impacts.
- Ground type is assumed to be hard ground (i.e., acoustically reflective).

Operational noise levels were compared with the relevant noise impact criteria identified in Section 3.1. Noise levels associated with special track work, such as crossovers, were also included in this assessment for sensitive receptors.

4.3.3 Wheel/Rail Noise

There are no tight radius curves in the Project study area; therefore, wheel squeal is not a factor requiring consideration in the analysis.

4.3.4 Traffic Noise

Based on anticipated low trip generation during construction, no modeling of vehicular traffic noise during construction was undertaken as part of this analysis.

4.4 Operational Vibration

The FTA procedures for a general operational vibration assessment (as outlined in Section 6 of the FTA manual) were used for this analysis (FTA 2018). The FTA assessment procedure requires the following data:

- **Number of daily vibration events** – The number of daily events was classified as infrequent because there would be less than 30 vibration events of the same kind per day.
- **Receiver land use designation (categories specified above)** – Category 2 (for the residences) and no Category 1 or 3 land uses are present.
- **Vibration source levels** – The source levels were derived from Figure 6-4 of the FTA manual using the curve for locomotive-powered passenger or freight.
- **Distance from source to receiver (building) footprints** – The distance between the source (i.e., rail centerline) and the receiver was measured using a geographic information system.
- **Train speed, suspension, wheel condition (worn or flat-spots), and track condition** – Train speed estimates would be the same for vibration as stated for noise and the train's wheels were assumed to be in good condition (i.e., no flat spots).
- **Soil characteristics of ground between the vibration source and receiver** – Soil propagation characteristics were assumed to be normal (rather than efficient).
- **Receiver construction/foundation type and description, including whether it is fragile or extremely fragile** – Using the generalized ground surface vibration curve, the root mean square velocity level data at the receiver distance of interest were adjusted based on the factors affecting the source, factors affecting the vibration path, and factors affecting the receiver. Structure types and associated adjustments were also obtained from the FTA manual.

The potential for damage to adjacent sensitive resources because of Project-related operational vibration was analyzed in addition to the modeled noise- and vibration-sensitive receivers. Following FTA methodology, the potential for vibration damage and annoyance was assessed at sensitive land uses.

4.5 Construction Noise

Noise from construction activity is generated by the broad array of powered, noise-producing mechanical equipment used in the construction process. Examples of equipment used in the construction effort include hand-held pneumatic tools to excavators, loaders, a variety of trucks, and tie and rail handling equipment. To assess potential noise impacts from construction, this noise analysis used the methodology in Section 7 of the FTA manual (FTA 2018).

The noise exposure at a receiver location was calculated from the dB addition of all operating construction equipment using the equations and methodology described in the FTA manual (FTA 2018). For example, the attenuation rate used as a point source was 6 dB per doubling of distance. The intervening ground was assumed to be hard-surfaced; therefore, any additional reduction from ground effects was negligible. Shielding effects from intervening structures were ignored.

Construction equipment used in the analysis included compressors, welding machines, mobile cranes, front end loaders, rollers, dozers, graders, and excavators. The range in noise levels typically generated by the equipment assumed for the analysis ranges from 67 dBA L_{eq} (e.g., compressor) to 92 dBA L_{eq} (e.g., dump truck) at a distance of 50 feet, based on source levels from the Federal Highway Administration Roadway Construction Noise Model, Version 2.0 (Table 4-1). The equation (Eq. 7-1) from the FTA manual (FTA 2018) is provided below:

$$L_{eq, equip} = L_{emission} + 10 \log(Adj_{Usage}) - 20 \log\left(\frac{D}{50}\right) - 10G \log\left(\frac{D}{50}\right) \quad \text{Eq. 7-1}$$

where:

- $L_{eq, equip}$ = $L_{eq(t)}$ at a receiver from the operation of a single piece of equipment over a specified time period, dBA
- $L_{emission}$ = noise emission level of the particular piece of equipment at the reference distance of 50 ft, dBA
- Adj_{Usage} = usage factor to account for the fraction of time that the equipment is in use over the specified time period
- D = distance from the receiver to the piece of equipment, ft
- G = a constant that accounts for topography and ground effects

Ground effects were ignored in the analysis with an assumption made that propagation of construction noise occurs over flat terrain without intervening buildings providing attenuation. This assumption was made to be conservative.

Table 4-1. Typical Construction Equipment Noise Levels

| Equipment/Source | Load Factor (%) | dBA L _{max} at 50 Feet |
|--|-----------------|---------------------------------|
| Dump Truck | 40 | 92 |
| Compactor | 20 | 82 |
| Concrete Truck | 20 | 88 |
| Crane | 16 | 76 |
| Excavator | 40 | 87 |
| Sawcutting | 40 | 76 |
| Front end loader | 40 | 81 |
| Dozer | 40 | 86 |
| Skid steer loader | 20 | 73 |
| Water Truck | 20 | 72 |
| Backhoe | 40 | 84 |
| Flatbed Truck | 40 | 74 |
| Grader | 40 | 78 |
| Telehandler/Forklift | 20 | 88 |
| Compactor/Smooth Drum Roller | 20 | 82 |
| Paver | 50 | 82 |
| Welding Truck | 40 | 72 |
| Section Truck | 40 | 74 |
| Manlift | 20 | 73 |
| Other miscellaneous construction equipment | 40 | 74 |

Source: Federal Highway Administration 2019

Notes:

dBA=A-weighted decibel; L_{max}=maximum sound level

4.6 Construction Vibration

To assess potential vibration impacts from construction, this analysis used the methodology contained in Section 7.2 of the FTA manual (FTA 2018). The potential for damage to structures from Project-related construction vibration was analyzed for the sensitive receivers discussed above. Vibration source levels for a variety of typical construction equipment types are outlined in Table 7-4 of the FTA manual (reproduced in this report as Table 4-2) in terms of PPV in inches per second at a

reference distance of 25 feet from the source and VdB at 25 feet (FTA 2018). For this analysis, the source of typical vibration levels for a vibratory roller (0.210 inch per second PPV) and a large bulldozer (0.089 inch per second PPV) was utilized. The equation (Equation 7-2 from the FTA Manual) used to calculate vibration levels is provided below.

$$PPV_{equip} = PPV_{ref} \times \left(\frac{25}{D}\right)^{1.5} \quad \text{Eq. 7-2}$$

where:

PPV_{equip} = the peak particle velocity of the equipment
adjusted for distance, in/sec
 PPV_{ref} = the source reference vibration level at 25 ft,
in/sec
 D = distance from the equipment to the receiver, ft

Table 4-2. Typical Construction Equipment Vibration Levels

| Equipment/Source | | PPV at 25 Feet (inch/second) | Approximate Vibration Velocity Level at 25 Feet ^a |
|------------------|---|---------------------------------|--|
| Vibratory roller | — | 0.210 | 94 |
| Large bulldozer | — | 0.089 | 87 |
| Loaded Truck | — | 0.076 | 86 |

Source: FTA 2018

Notes:

^a Root mean square VdB reference 1 microinch per second

PPV=peak particle velocity; VdB=vibration decibels

5 Existing Conditions

Noise and vibration measurements were conducted to document existing conditions.

5.1 Noise Measurements

Noise measurements were conducted to identify existing sound levels throughout the analysis area and establish FTA impact thresholds. Table 5-1 provides the measured existing noise levels within the Project study area. Multiple residences are within the noise analysis study area (i.e., the screening distance of 650 feet). Due to the Project schedule, sound-level measurements occurred during COVID-19 pandemic conditions. To reduce the possibility of contracting or spreading the virus, measurements were completed from public ROWs that were representative of noise sensitive areas in the Project analysis area. Measurements at noise-sensitive land uses were taken on October 6 and 7, 2020. Appendix B provides the calibration sheets for the equipment used in the monitoring effort. Figure 5-1 is a map of the monitoring locations. The measured sound levels were assigned to each individual noise sensitive receptor analysis point and adjusted for distance from the dominant noise source such as the railroad corridor or major roadways. Attenuation effects from the presence of buildings were also included in the adjustments. These adjustments were completed following the procedures provided in the FTA manual.

Table 5-1. Existing Noise Levels

| Site Identification | Location | Noise Levels (dBA) | |
|---------------------|--|--------------------|--------------------------------|
| | | L _{dn} | L _{eq} (peak hour) |
| ML-1 | 2220 Emily Street (apartment building) | 52 | 56 |
| ML-2 | 881 Francis Ave (single-family home) | 48 | 56 |
| ML-3 | 2125 Rachel Street (single-family home) | 48 | 53 |
| ML-4 | 1011 San Carlos Dr (single-family home) | 52 | 62 |
| ML-5 | SLO Railroad Safety Trailhead at the southern end of Boulevard Del Campo | 42 | 47 |

Notes:

dBA=A-weighted decibel; L_{dn}=day-night average sound level; L_{eq}=equivalent noise level; ROW=right-of-way

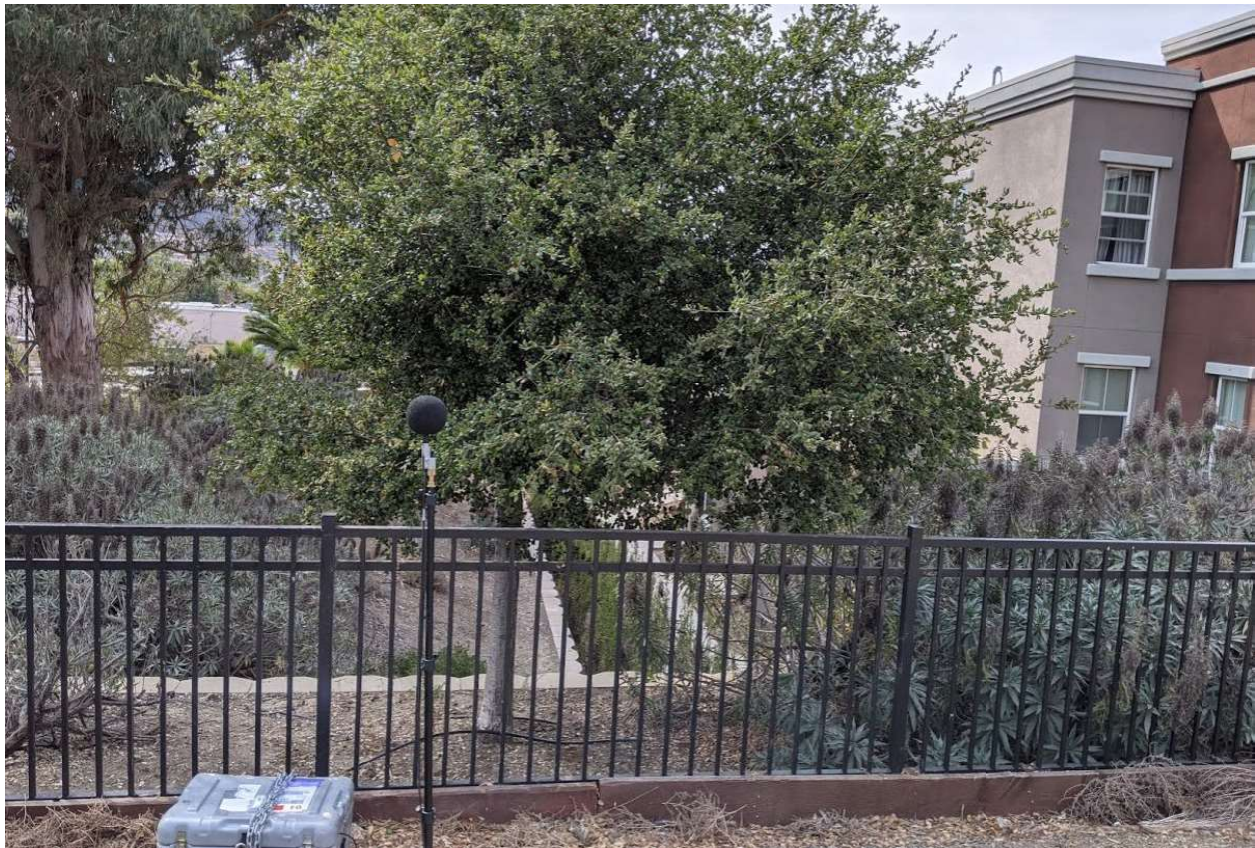
Figure 5-1. Noise and Vibration Measurement Locations



5.1.1 Monitoring Location – 1

Monitoring location 1 (ML-1) was located east of the southernmost building in the Roundhouse Place Apartments along the railroad right-of-way fence line, see Figure 5-1. The measurement was completed using Option 2 from the FTA Manual, which included deploying a noise monitor for at least 24-hours, and in this case, left out unattended. Monitoring began on October 6, 2020 and ended on October 7, 2020. A Brüel and Kjær 2270 meter was calibrated before and after the measurement to ensure that it operated within tolerances. The microphone was affixed to a tripod and positioned at a height of approximately 5 feet above the ground. Several observed sounds could be heard, including train wheels as they operate on the track, train bells, and roadway traffic noise. Secondary observed sound sources included periodic sounds of bird chirping. Figure 5-1 and Figure 5-2 are pictures of ML-1. The results of monitoring at the ML-1 were 52 dBA Ldn and 56 dBA Leq (peak daytime hour).

Figure 5-2. Monitoring Location 1 – Noise Meter Location



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Figure 5-3. Monitoring Location 1 – Noise Meter Location



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5.1.2 Monitoring Location – 2

Monitoring location 2 (ML-2) was completed at the end of Francis Avenue, near a residence at 881 Francis Avenue, at approximately the same distance from the tracks as the residence, see Figure 5-1. The measurement was completed using Option 3 which involves conducting three 1-hour measurements during peak hour (roadway traffic noise peak), midday (off-peak), and late night (12:00 a.m. to 4:00 a.m.) from the FTA Manual. Measurements were completed on October 6, 2020 and October 7, 2020. A Brüel and Kjær 2245 meter was calibrated before and after the measurement to ensure that it operated within tolerances. The sound-level meter was affixed to a tripod with the microphone positioned at a height of approximately 5 feet above the ground (Figure 5-3 and Figure 5-4). Several observed sounds could be heard, including rolling trains, train bells, and their wheels on the track. Secondary sources of noise included roadway traffic and occasional birds. The results of the measurement effort were 48 dBA Ldn and 56 dBA Leq (daytime peak).

Figure 5-4. Monitoring Location 2 – Noise Meter Location



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Figure 5-5. Monitoring Location 2 – Noise Meter Location



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5.1.3 Monitoring Location – 3

Monitoring location 3 (ML-3) was located northeast of the SLO Safety Trail and southwest of a home located 2125 Rachel Street along the trail right-of-way, see Figure 5-1. The measurement was completed using Option 2 from the FTA Manual, which included deploying a noise monitor for at least 24-hours, and in this case, left out unattended. Monitoring began on October 6, 2020 and ended on October 7, 2020. A Brüel and Kjær 2270 meter was calibrated before and after the measurement to ensure that it operated within tolerances. The microphone was affixed to a tripod and positioned at a height of approximately 5 feet above the ground. Several observed sounds could be heard, including train wheels as they operate on the track, train bells, local roadway traffic noise. Secondary observed sound sources included periodic sounds of bird chirping. Figure 5-6 and Figure 5-7 are pictures of ML-3. The results of the measurement effort were 48 dBA Ldn and 53 dBA Leq (daytime peak hour).

Figure 5-6. Monitoring Location 3 – Noise Meter Location



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Figure 5-7. Monitoring Location 3 – Noise Meter Location



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5.1.4 Monitoring Location – 4

Monitoring location 4 (ML-4) was completed at a residence near the intersection of Bushnell Street and San Carlos Drive, at approximately the same distance from the tracks as the residence, see Figure 5-1. The measurement was completed using Option 3 from the FTA Manual. Measurements were completed on October 6, 2020 and October 7, 2020. A Brüel and Kjær 2245 meter was calibrated before and after the measurement to ensure that it operated within tolerances. The sound-level meter was affixed to a tripod with the microphone positioned at a height of approximately 5 feet above the ground (Figure 5-8 and Figure 5-9). Several observed sounds could be heard, including rolling trains, train bells, and their wheels on the track. Secondary sources of noise included roadway traffic and occasional birds. Results of the measurement effort were 52 dBA Ldn and 62 dBA Leq (daytime peak hour).

Figure 5-8. Monitoring Location 4 – Noise Meter Location



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Figure 5-9. Monitoring Location 4 – Noise Meter Location



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5.1.5 Monitoring Location – 5

Monitoring location 5 (ML-5) was completed at the trail head at the end of Boulevard Del Campo at a distance roughly the same as the residences located across from the trail head, see Figure 5-1. The measurement was completed using Option 3 from the FTA Manual. Measurements were completed on October 6, 2020 and October 7, 2020. A Brüel and Kjær 2245 meter was calibrated before and after the measurement to ensure that it operated within tolerances. The sound-level meter was affixed to a tripod with the microphone positioned at a height of approximately 5 feet above the ground (Figure 5-10 and Figure 5-11). Several observed sounds could be heard, including rolling trains, train bells, and their wheels on the track. Secondary sources of noise included roadway traffic and occasional birds. Results of the measurement effort were 42 dBA Ldn and 47 dBA Leq (daytime peak hour).

Figure 5-10. Monitoring Location 5 – Noise Meter Location



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Figure 5-11. Monitoring Location 5 – Noise Meter Location



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5.2 Vibration Measurements

Vibration measurements were completed to document vibration levels from existing train pass-by events. Measurements were completed with Brüel and Kjær 2270 data loggers paired with seismic accelerometers. Appendix B includes monitoring equipment calibration sheets. The measurement data was used to confirm that the locomotive curve in the FTA manual was appropriate for use in the analysis. An array of vibration sensors was set up near the noise monitoring location ML-1 on October 6, 2020, at distances of 63 feet, 88 feet, 188 feet, and 263 feet from the existing track. On October 7, 2020, the vibration array was redeployed at ML-4 at distances of 25 feet, 50 feet, 175 feet, and 223 feet. Table 5-2 provides the vibration measurement results. When normalized to 50 miles per hour the monitored levels are generally 2 VdB lower than the passenger train diesel locomotive curves in the FTA manual. Therefore, use of the locomotive curve in the FTA manual is considered conservative for assessing vibration impacts.

Table 5-2. Existing Vibration Levels

| Location | Train Pass-by Event | Speed (miles per hour) | Distance from Existing Track (feet) | Measured VdB |
|----------|---------------------|---------------------------|---|--------------|
| ML-1 | Amtrak Surfliner | 15 | 63 | 70 |
| | | | 88 | 64 |
| | | | 188 | 61 |
| | | | 263 | 57 |
| ML-4 | Amtrak Surfliner | 15 | 25 | 73 |
| | | | 50 | 68 |
| | | | 175 | 66 |
| | | | 223 | 62 |

Notes:

VdB=Vibration decibels

6 California Environmental Quality Act Thresholds of Significance

For the purposes of this noise and vibration study, the Project would have a significant impact on noise and vibration if:

- A. Project construction and operation would generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies.
- B. Project construction and operation would generate excessive groundborne vibration or groundborne noise levels.
- C. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, the Project would expose people residing or working in the Project study area to excessive noise levels.

These thresholds of significance are considered in the noise and vibration impact assessment.

6.1 Issues Requiring No Further Consideration

Threshold C. The Project site is located approximately 1.60 miles north of the San Luis Obispo County Regional Airport. According to Figure 4-1: San Luis Obispo County Regional Airport Noise Contours of the San Luis Obispo County Regional Airport –Airport Land Use Plan, the Project site is not located within any airport noise impact contours (RS&H 2021). Therefore, the proposed Project would not expose residents or workers to excessive noise levels from airport or private air strip operations and no impact would occur. No further discussion is required.

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7 Noise- and Vibration-Sensitive Land Uses and Sensitive Receptors

The following discussion provides a description of the noise- and vibration-sensitive land uses where sensitive receptors (Category 2 and 3 land uses) in the Project study area occur. The receiver locations are used for predictions and either represent an individual sensitive receptor or a cluster of sensitive receptors, which is consistent with the FTA guidance and regulations. The noise analysis area includes those noise-sensitive areas within screening distance (1,000-feet unobstructed and 650-feet obstructed) of the Project. The 650-foot screening distance applies to the Project since existing first row buildings are present. Additionally, because vibration attenuates more quickly with distance, the vibration analysis area is substantially smaller; therefore, it includes only those vibration-sensitive land uses and structures within 200 feet of the Project.

Noise- and vibration-sensitive land uses include single-family and multi-family residential areas. No schools or other Category 3 (such as parks where passive use occurs) land uses are located within the analysis area.

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8 Environmental Impacts

8.1 Operational Noise

| | |
|-----------------------|---|
| CRITERIA A | Generation of a substantial permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? |
|-----------------------|---|

8.1.1 Phase 1

The results of the rail noise impact assessment for Phase 1 are summarized in Table 8-1 and the locations are depicted on Figure 8-1. For the future Project conditions, the Project would introduce new sources of noise where there presently are none, specifically train movements on two tracks and idling locomotives. The new sources of noise would increase noise levels in the analysis area. As shown in Table 8-1, the Project is predicted to result in no severe impacts and moderate impacts at ~~3540~~ Category 2 land uses (residences) in the absence of mitigation.

Table 8-1. Project Operational Noise Conditions

| Impact Type | Number of Category 2 Land Use Impacts |
|-------------|---------------------------------------|
| Severe | 0 |
| Moderate | 3540 * |
| No impact | 2884 |

Note: * See Table 8-2 for the noise calculation results at moderately impacted receptors.

Moderate impacts would occur throughout the neighborhood north of the proposed layover facility in part because of idling trains. The moderate impacts are considered significant in the absence of mitigation. Moderately impacted receptor noise levels are provided in Table 8-2. Section 9 identifies mitigation measures that would minimize and/or avoid these impacts. Detailed noise calculation results at all receptors are provided in Appendix C.

Table 8-2. Phase 1 Operational Noise Impacts

| Receptor | Land Use Category | Units | Existing L_{dn}/L_{eq} | Impact Threshold | | Proposed Project (L_{dn}/L_{eq}) | Proposed Project Cumulative (L_{dn}/L_{eq}) | Increase (dB) | Impact Category |
|-----------------|-------------------|------------|--------------------------|------------------|-----------------|------------------------------------|---|-----------------|-------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R43R43</u> | <u>22</u> | <u>11</u> | <u>47.547.5</u> | <u>6.36.3</u> | <u>11.911.9</u> | <u>54.854.3</u> | <u>55.555.1</u> | <u>8.07.6</u> | <u>ModerateModerate</u> |
| <u>R44R44</u> | <u>22</u> | <u>11</u> | <u>47.547.5</u> | <u>6.36.3</u> | <u>11.911.9</u> | <u>5554.5</u> | <u>55.755.3</u> | <u>8.27.8</u> | <u>ModerateModerate</u> |
| <u>R51R51</u> | <u>22</u> | <u>11</u> | <u>47.047.0</u> | <u>6.66.6</u> | <u>12.312.3</u> | <u>56.355.5</u> | <u>56.856.1</u> | <u>9.89.1</u> | <u>ModerateModerate</u> |
| <u>R52R52</u> | <u>22</u> | <u>11</u> | <u>46.946.9</u> | <u>6.66.6</u> | <u>12.312.3</u> | <u>57.556.4</u> | <u>57.956.9</u> | <u>11.010.0</u> | <u>ModerateModerate</u> |
| <u>R53R53</u> | <u>22</u> | <u>11</u> | <u>46.846.8</u> | <u>6.76.7</u> | <u>12.412.4</u> | <u>58.156.9</u> | <u>58.457.3</u> | <u>11.610.5</u> | <u>ModerateModerate</u> |
| <u>R54R54</u> | <u>22</u> | <u>11</u> | <u>46.646.6</u> | <u>6.86.8</u> | <u>12.612.6</u> | <u>57.756.7</u> | <u>58.057.1</u> | <u>11.410.5</u> | <u>ModerateModerate</u> |
| <u>R55R55</u> | <u>22</u> | <u>11</u> | <u>46.546.5</u> | <u>6.96.9</u> | <u>12.712.7</u> | <u>58.857.8</u> | <u>59.058.1</u> | <u>12.511.6</u> | <u>ModerateModerate</u> |
| <u>R56R56</u> | <u>22</u> | <u>11</u> | <u>46.346.3</u> | <u>7.07.0</u> | <u>12.812.8</u> | <u>58.357.3</u> | <u>58.657.6</u> | <u>12.311.3</u> | <u>ModerateModerate</u> |
| <u>R57R57</u> | <u>22</u> | <u>11</u> | <u>46.246.2</u> | <u>7.07.0</u> | <u>12.912.9</u> | <u>58.657.5</u> | <u>58.857.8</u> | <u>12.611.6</u> | <u>ModerateModerate</u> |
| <u>R61R65</u> | <u>22</u> | <u>11</u> | <u>45.745.7</u> | <u>7.37.3</u> | <u>13.313.3</u> | <u>52.854.7</u> | <u>53.655.2</u> | <u>7.99.5</u> | <u>ModerateModerate</u> |
| <u>R62R107</u> | <u>22</u> | <u>11</u> | <u>45.851.2</u> | <u>7.34.5</u> | <u>13.29.3</u> | <u>52.454.7</u> | <u>53.356.3</u> | <u>7.55.1</u> | <u>ModerateModerate</u> |
| <u>R65R176</u> | <u>22</u> | <u>121</u> | <u>45.752.2</u> | <u>7.34.1</u> | <u>13.38.6</u> | <u>55.957.1</u> | <u>56.358.3</u> | <u>10.66.1</u> | <u>ModerateModerate</u> |
| <u>R80R198</u> | <u>22</u> | <u>11</u> | <u>43.946.2</u> | <u>8.57.0</u> | <u>14.812.9</u> | <u>52.856.4</u> | <u>53.356.8</u> | <u>9.410.6</u> | <u>ModerateModerate</u> |
| <u>R107R200</u> | <u>22</u> | <u>11</u> | <u>51.246.2</u> | <u>4.57.0</u> | <u>9.312.9</u> | <u>55.557.4</u> | <u>56.957.7</u> | <u>5.711.5</u> | <u>ModerateModerate</u> |
| <u>R108</u> | <u>2</u> | <u>1</u> | <u>51.2</u> | <u>4.5</u> | <u>9.3</u> | <u>54.1</u> | <u>55.9</u> | <u>4.7</u> | <u>Moderate</u> |
| <u>R110</u> | <u>2</u> | <u>1</u> | <u>50.8</u> | <u>4.6</u> | <u>9.5</u> | <u>54.9</u> | <u>56.3</u> | <u>5.5</u> | <u>Moderate</u> |
| <u>R176</u> | <u>2</u> | <u>21</u> | <u>52.2</u> | <u>4.1</u> | <u>8.6</u> | <u>58.2</u> | <u>59.2</u> | <u>7.0</u> | <u>Moderate</u> |
| <u>R198</u> | <u>2</u> | <u>1</u> | <u>46.2</u> | <u>7.0</u> | <u>12.9</u> | <u>57.8</u> | <u>58.1</u> | <u>11.9</u> | <u>Moderate</u> |
| <u>R200</u> | <u>2</u> | <u>1</u> | <u>46.2</u> | <u>7.0</u> | <u>12.90</u> | <u>58.6</u> | <u>58.8</u> | <u>12.6</u> | <u>Moderate</u> |

Table 8-2. Phase 1 Operational Noise Impacts

| Receptor | Land Use Category | Units | Existing L _{dn} /L _{eq} | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|-----------------------------|-------------------------|-------------------------|--|---------------------------|-----------------------------|--|--|-----------------------------|-------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R201</u> R201 | <u>22</u> 22 | <u>11</u> 11 | <u>46.2</u> 46.2 | <u>7.0</u> 7.0 | <u>12.9</u> 12.9 | <u>58.2</u> 57.2 | <u>58.5</u> 57.5 | <u>12.3</u> 11.3 | <u>Moderate</u> Moderate |
| TOTAL | -- | <u>3540</u> | -- | -- | -- | -- | -- | -- | -- |

8.1.2 Later Phases

The results of the rail noise impact assessment for the Later Phases condition are summarized in Table 8-3 and the locations are depicted on Figure 8-2. For the future Project conditions, the Project would introduce new sources of noise where there presently are none, specifically train movements, idling locomotives, the train wash and wheel truing facility. The wheel truing facility and the train wash would not be present in Phase 1, nor would the building that house these components of the CCLF. The new sources of noise would increase noise levels in the analysis area. As shown in Table 8-3, the Project is predicted to result in no severe impacts and moderate impacts at ~~44~~55 Category 2 land uses (residences) in the absence of mitigation.

Table 8-3. Later Phases - Project Operational Noise Conditions

| Impact Type | Number of Category 2 Land Use Impacts |
|-------------|---------------------------------------|
| Severe | 0 |
| Moderate | 44 <u>55</u> * |
| No impact | 279 <u>68</u> |

Note: * See Table 8-4 for the noise calculation results at moderately impacted receptors.

The moderate impacts are predicted at single-family residences north of the Project and at a multi-family apartment building to the south. Moderate impacts would also occur throughout the neighborhood north of the proposed maintenance facility. The moderate impacts are considered significant in the absence of mitigation. Moderately impacted receptor noise levels are provided in Table 8-4. Section 9 identifies mitigation measures that would minimize and/or avoid these impacts. Detailed noise calculation results at all receptors are provided in Appendix C.

Table 8-4. Later Phases Operational Noise Impacts

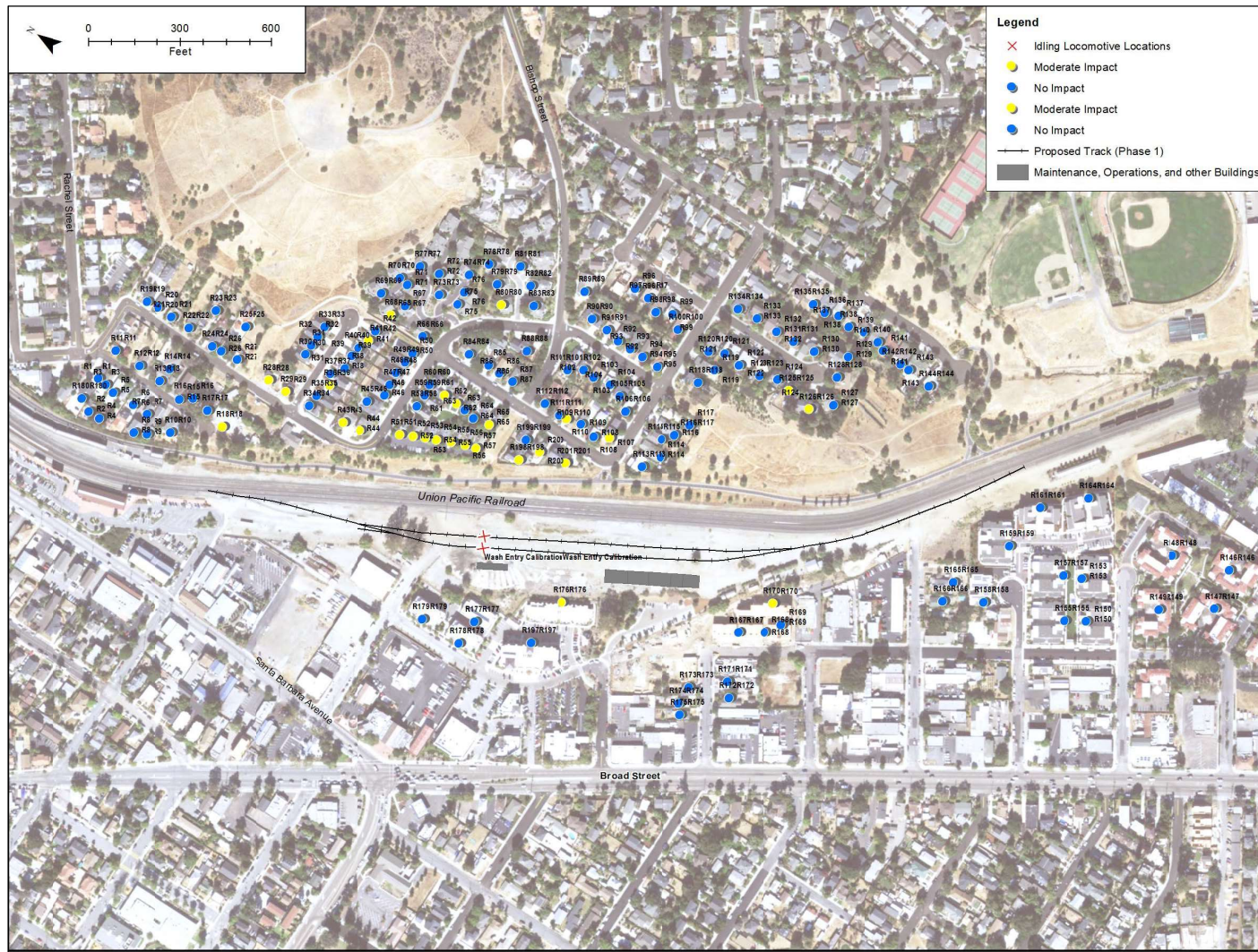
| Receptor | Land Use Category | Units | Existing L_{dn}/L_{eq} | Impact Threshold | | Proposed Project (L_{dn}/L_{eq}) | Proposed Project Cumulative (L_{dn}/L_{eq}) | Increase (dB) | Impact Category |
|----------------|-------------------|------------|--------------------------|------------------|-----------------|------------------------------------|---|-----------------|-------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R18R18</u> | <u>22</u> | <u>11</u> | <u>49.949.9</u> | <u>5.05.0</u> | <u>10.110.1</u> | <u>54.654.6</u> | <u>55.955.9</u> | <u>6.06.0</u> | <u>ModerateModerate</u> |
| <u>R28R29</u> | <u>22</u> | <u>11</u> | <u>48.047.9</u> | <u>6.06.1</u> | <u>11.511.6</u> | <u>53.153.6</u> | <u>54.354.6</u> | <u>6.36.7</u> | <u>ModerateModerate</u> |
| <u>R29R43</u> | <u>22</u> | <u>11</u> | <u>47.947.5</u> | <u>6.16.3</u> | <u>11.611.9</u> | <u>54.256.9</u> | <u>55.257.3</u> | <u>7.39.8</u> | <u>ModerateModerate</u> |
| <u>R36R44</u> | <u>22</u> | <u>11</u> | <u>47.147.5</u> | <u>6.56.3</u> | <u>12.211.9</u> | <u>53.257.1</u> | <u>54.257.5</u> | <u>7.110.0</u> | <u>ModerateModerate</u> |
| <u>R41R51</u> | <u>22</u> | <u>11</u> | <u>45.847.0</u> | <u>7.36.6</u> | <u>13.212.3</u> | <u>52.357.4</u> | <u>53.257.7</u> | <u>7.410.7</u> | <u>ModerateModerate</u> |
| <u>R43R52</u> | <u>22</u> | <u>11</u> | <u>47.546.9</u> | <u>6.36.6</u> | <u>11.912.3</u> | <u>57.557.7</u> | <u>57.958.0</u> | <u>10.411.1</u> | <u>ModerateModerate</u> |
| <u>R44R53</u> | <u>22</u> | <u>11</u> | <u>47.546.8</u> | <u>6.36.7</u> | <u>11.912.4</u> | <u>57.857.5</u> | <u>58.257.8</u> | <u>10.711.0</u> | <u>ModerateModerate</u> |
| <u>R51R54</u> | <u>22</u> | <u>11</u> | <u>47.046.6</u> | <u>6.66.8</u> | <u>12.312.6</u> | <u>58.457.4</u> | <u>58.757.7</u> | <u>11.711.1</u> | <u>ModerateModerate</u> |
| <u>R52R55</u> | <u>22</u> | <u>11</u> | <u>46.946.5</u> | <u>6.66.9</u> | <u>12.312.7</u> | <u>58.857.5</u> | <u>59.157.8</u> | <u>12.211.3</u> | <u>ModerateModerate</u> |
| <u>R53R56</u> | <u>22</u> | <u>11</u> | <u>46.846.3</u> | <u>6.77.0</u> | <u>12.412.8</u> | <u>58.757.1</u> | <u>59.057.5</u> | <u>12.211.2</u> | <u>ModerateModerate</u> |
| <u>R54R57</u> | <u>22</u> | <u>11</u> | <u>46.646.2</u> | <u>6.87.0</u> | <u>12.612.9</u> | <u>58.657.2</u> | <u>58.957.5</u> | <u>12.311.3</u> | <u>ModerateModerate</u> |
| <u>R55R65</u> | <u>22</u> | <u>11</u> | <u>46.545.7</u> | <u>6.97.3</u> | <u>12.713.3</u> | <u>58.853.4</u> | <u>59.154.1</u> | <u>12.68.4</u> | <u>ModerateModerate</u> |
| <u>R56R170</u> | <u>22</u> | <u>18</u> | <u>46.349.0</u> | <u>7.05.5</u> | <u>12.810.7</u> | <u>58.555.5</u> | <u>58.856.4</u> | <u>12.57.4</u> | <u>ModerateModerate</u> |
| <u>R57R176</u> | <u>22</u> | <u>121</u> | <u>46.252.2</u> | <u>7.04.1</u> | <u>12.98.6</u> | <u>58.758.5</u> | <u>58.959.4</u> | <u>12.77.2</u> | <u>ModerateModerate</u> |
| <u>R61R198</u> | <u>22</u> | <u>11</u> | <u>45.746.2</u> | <u>7.37.0</u> | <u>13.312.9</u> | <u>52.454.4</u> | <u>53.255.0</u> | <u>7.58.8</u> | <u>ModerateModerate</u> |
| <u>R62R200</u> | <u>22</u> | <u>11</u> | <u>45.846.2</u> | <u>7.37.0</u> | <u>13.212.9</u> | <u>53.055.2</u> | <u>53.755.7</u> | <u>7.99.5</u> | <u>ModerateModerate</u> |
| <u>R65R201</u> | <u>22</u> | <u>11</u> | <u>45.746.2</u> | <u>7.37.0</u> | <u>13.312.9</u> | <u>55.355.4</u> | <u>55.755.9</u> | <u>10.09.7</u> | <u>ModerateModerate</u> |
| <u>R68</u> | <u>2</u> | <u>1</u> | <u>45.1</u> | <u>7.7</u> | <u>13.8</u> | <u>52.7</u> | <u>53.4</u> | <u>8.3</u> | <u>Moderate</u> |
| <u>R80</u> | <u>2</u> | <u>1</u> | <u>43.9</u> | <u>8.5</u> | <u>14.8</u> | <u>52.6</u> | <u>53.1</u> | <u>9.2</u> | <u>Moderate</u> |

Table 8-4. Later Phases Operational Noise Impacts

| Receptor | Land Use Category | Units | Existing L _{dn} /L _{eq} | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|--------------|-------------------|-------------|---|------------------|-------------|--|---|---------------|-----------------|
| | | | | Moderate | Severe | | | | |
| <u>R107</u> | <u>2</u> | <u>1</u> | <u>51.2</u> | <u>4.5</u> | <u>9.3</u> | <u>54.0</u> | <u>55.8</u> | <u>4.6</u> | <u>Moderate</u> |
| <u>R110</u> | <u>2</u> | <u>1</u> | <u>50.8</u> | <u>4.6</u> | <u>9.5</u> | <u>53.7</u> | <u>55.5</u> | <u>4.7</u> | <u>Moderate</u> |
| <u>R125</u> | <u>2</u> | <u>1</u> | <u>41.5</u> | <u>10.0</u> | <u>15.0</u> | <u>51.2</u> | <u>51.6</u> | <u>10.1</u> | <u>Moderate</u> |
| <u>R126</u> | <u>2</u> | <u>1</u> | <u>41.9</u> | <u>10.0</u> | <u>15.0</u> | <u>51.9</u> | <u>52.3</u> | <u>10.4</u> | <u>Moderate</u> |
| <u>R170</u> | <u>2</u> | <u>8</u> | <u>49.0</u> | <u>5.5</u> | <u>10.7</u> | <u>55.6</u> | <u>56.5</u> | <u>7.5</u> | <u>Moderate</u> |
| <u>R176</u> | <u>2</u> | <u>21</u> | <u>52.2</u> | <u>4.1</u> | <u>8.6</u> | <u>59.9</u> | <u>60.5</u> | <u>8.3</u> | <u>Moderate</u> |
| <u>R198</u> | <u>2</u> | <u>1</u> | <u>46.2</u> | <u>7.0</u> | <u>12.9</u> | <u>56.7</u> | <u>57.1</u> | <u>10.9</u> | <u>Moderate</u> |
| <u>R200</u> | <u>2</u> | <u>1</u> | <u>46.2</u> | <u>7.0</u> | <u>12.9</u> | <u>57.6</u> | <u>57.9</u> | <u>11.7</u> | <u>Moderate</u> |
| <u>R201</u> | <u>2</u> | <u>1</u> | <u>46.2</u> | <u>7.0</u> | <u>12.9</u> | <u>57.0</u> | <u>57.4</u> | <u>11.2</u> | <u>Moderate</u> |
| TOTAL | -- | 4455 | -- | -- | -- | -- | -- | -- | -- |

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Figure 8-1. Noise- and Vibration-Sensitive Land Uses, Community Noise and Vibration Monitoring Locations, and Phase 1 Operational Noise Impacts

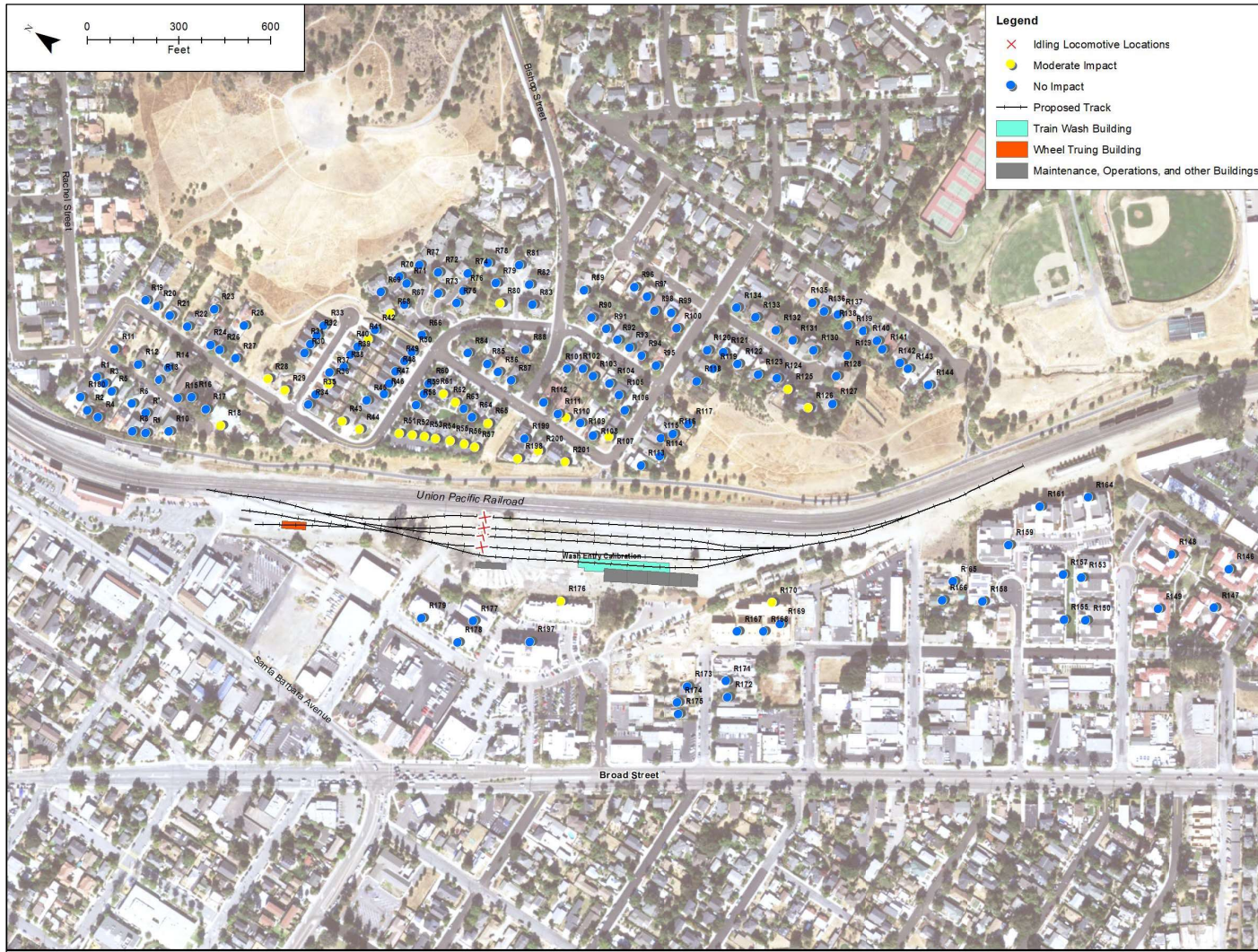




Note: Receptor 176 is a multi-family residential complex. Although only one yellow dot representing a moderate impact is shown in this graphic, this dot is intended to represent 21 residential units that would be moderately impacted in the multi-family residential complex.

Figure 8-2. Noise- and Vibration-Sensitive Land Uses, Community Noise and Vibration Monitoring Locations, and Later Phases Operational Noise Impacts





Note: Receptor 176 is a multi-family residential complex. Although only one yellow dot representing a moderate impact is shown in this graphic, this dot is intended to represent 21 residential units that would be moderately impacted in the multi-family residential complex. Receptor 170 is a multi-family residential complex. Although only one yellow dot representing a moderate impact is shown in this graphic, this dot is intended to represent 8 residential units that would be moderately impacted in the multi-family residential complex.

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8.2 Operational Vibration

| | |
|------------------------|--|
| CRITERION B | Exposure of persons to, or generation of, excessive ground-borne vibration or ground-borne noise levels during operations? |
|------------------------|--|

Vibration levels were predicted for operation of the Project. The Project corridor would be characterized as one that is infrequently used, per FTA. Project vibration levels are evaluated against the FTA criteria for infrequently used railroad lines (80 VdB). The analysis evaluated the Later Phases conditions because this has the highest potential for vibration impacts since trains would operate in closest proximity to sensitive structures.

Under the Later Phases operational scenario, no vibration impacts are predicted from the Project based on the vibration. Table 8-5 provides the predicted vibration levels for the sensitive areas with the highest predicted levels based on the proposed track configuration for the Project. As shown in Table 8-5, Project vibration would not exceed FTA's criteria.

Ground-borne noise levels are assumed to be 35 dB lower than ground-borne vibration levels analyzed per the FTA Manual for the Project. Applying this adjustment results in a maximum ground-borne noise level of 33 dBA, a level that is lower than the FTA impact criteria of 43 dBA. This demonstrates that there would be no ground-borne noise impacts from the Project.

Table 8-5. Operational Ground-borne Vibration and Noise Results

| Receptor | FTA Category | Impact Threshold | Distance (feet) | Speed (mph) | VdB Base Curve | Speed Adjustment | Special Trackwork Adjustment | Building Adjustment | VdB Adjusted | Impact |
|----------|--------------|------------------|-----------------|-------------|----------------|------------------|------------------------------|---------------------|--------------|-----------|
| R113 | 2 | 80 | 204 | 10 | 71 | -14 | 0 | -2 | 55 | No Impact |
| R114 | 2 | 80 | 230 | 10 | 70 | -14 | 0 | -2 | 54 | No Impact |
| R198 | 2 | 80 | 192 | 10 | 72 | -14 | 0 | -2 | 56 | No Impact |
| R200 | 2 | 80 | 204 | 10 | 71 | -14 | 0 | -2 | 55 | No Impact |
| R201 | 2 | 80 | 194 | 10 | 72 | -14 | 0 | -2 | 56 | No Impact |
| R159 | 2 | 80 | 197 | 10 | 72 | -14 | 0 | -2 | 56 | No Impact |
| R160 | 2 | 80 | 133 | 10 | 76 | -14 | 5 | -2 | 65 | No Impact |
| R161 | 2 | 80 | 130 | 10 | 76 | -14 | 0 | -2 | 60 | No Impact |
| R162 | 2 | 80 | 149 | 10 | 75 | -14 | 0 | -2 | 59 | No Impact |
| R163 | 2 | 80 | 204 | 10 | 71 | -14 | 0 | -2 | 55 | No Impact |
| R169 | 2 | 80 | 237 | 10 | 70 | -14 | 0 | -2 | 54 | No Impact |
| R170 | 2 | 80 | 164 | 10 | 74 | -14 | 5 | -2 | 63 | No Impact |
| R179 | 2 | 80 | 189 | 10 | 72 | -14 | 5 | -2 | 61 | No Impact |
| R167 | 2 | 80 | 190 | 10 | 72 | -14 | 0 | -2 | 56 | No Impact |
| R168 | 2 | 80 | 213 | 10 | 71 | -14 | 0 | -2 | 55 | No Impact |
| R176 | 2 | 80 | 144 | 10 | 75 | -14 | 0 | -2 | 59 | No Impact |
| R177 | 2 | 80 | 167 | 10 | 73 | -14 | 5 | -2 | 62 | No Impact |
| R178 | 2 | 80 | 235 | 10 | 70 | -14 | 0 | -2 | 54 | No Impact |

8.3 Construction Noise

| | |
|-----------------------|---|
| CRITERIA C | Generation of a substantial temporary increase in ambient noise levels in the vicinity of the Project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? |
|-----------------------|---|

Construction noise levels were predicted using each piece of equipment planned for each phase and subphase of construction. The maximum equipment noise levels (L_{max}) at 50 feet, obtained from the Federal Highway Administration's Roadway Construction Noise Model 2.0, were used in the predictions.

Project construction would be conducted during daytime hours. As stipulated in the City's code, LOSSAN and the Project are exempted from the City's code since it is a Project by a state-run agency. In the absence of numerical limits at the local level applicable to the Project, a construction noise impact would occur if construction noise exceeds the FTA guideline of 80 dBA L_{eq} . The 10 receptors with the highest predicted construction noise levels are provided in Table 8-6. The range of predicted construction noise levels are provided in Table 8-7. Exceedances of the FTA daytime guideline would occur at 3 receptors and would be significant absent mitigation. Construction noise mitigation is described in Section 9.2. Figure 8-3 is a map that shows where the construction noise impacts would be located.

Table 8-6. Construction Noise Results

| Receptor | Distance to Construction (feet) | FTA Daytime Guideline (dBA L_{eq}) | Highest Construction Noise Level (dBA L_{eq}) any Phase | Impact (Yes/No) |
|----------|---------------------------------|---------------------------------------|--|-----------------|
| R113 | 204 | 80 | 79 | No |
| R159 | 197 | 80 | 79 | No |
| R161 | 130 | 80 | 83 | Yes |
| R163 | 204 | 80 | 79 | No |
| R167 | 190 | 80 | 79 | No |
| R170 | 164 | 80 | 81 | Yes |
| R176 | 144 | 80 | 82 | Yes |
| R177 | 167 | 80 | 80 | No |
| R179 | 189 | 80 | 79 | No |
| R198 | 192 | 80 | 79 | No |

Notes:

FTA=Federal Transit Administration; VdB=vibration decibels, PPV=peak particle velocity in inches per second

Figure 8-3. Noise- and Vibration-Sensitive Land Uses, Community Noise and Vibration Monitoring Locations, and Construction Noise Impacts Phase 1 or Later Phases

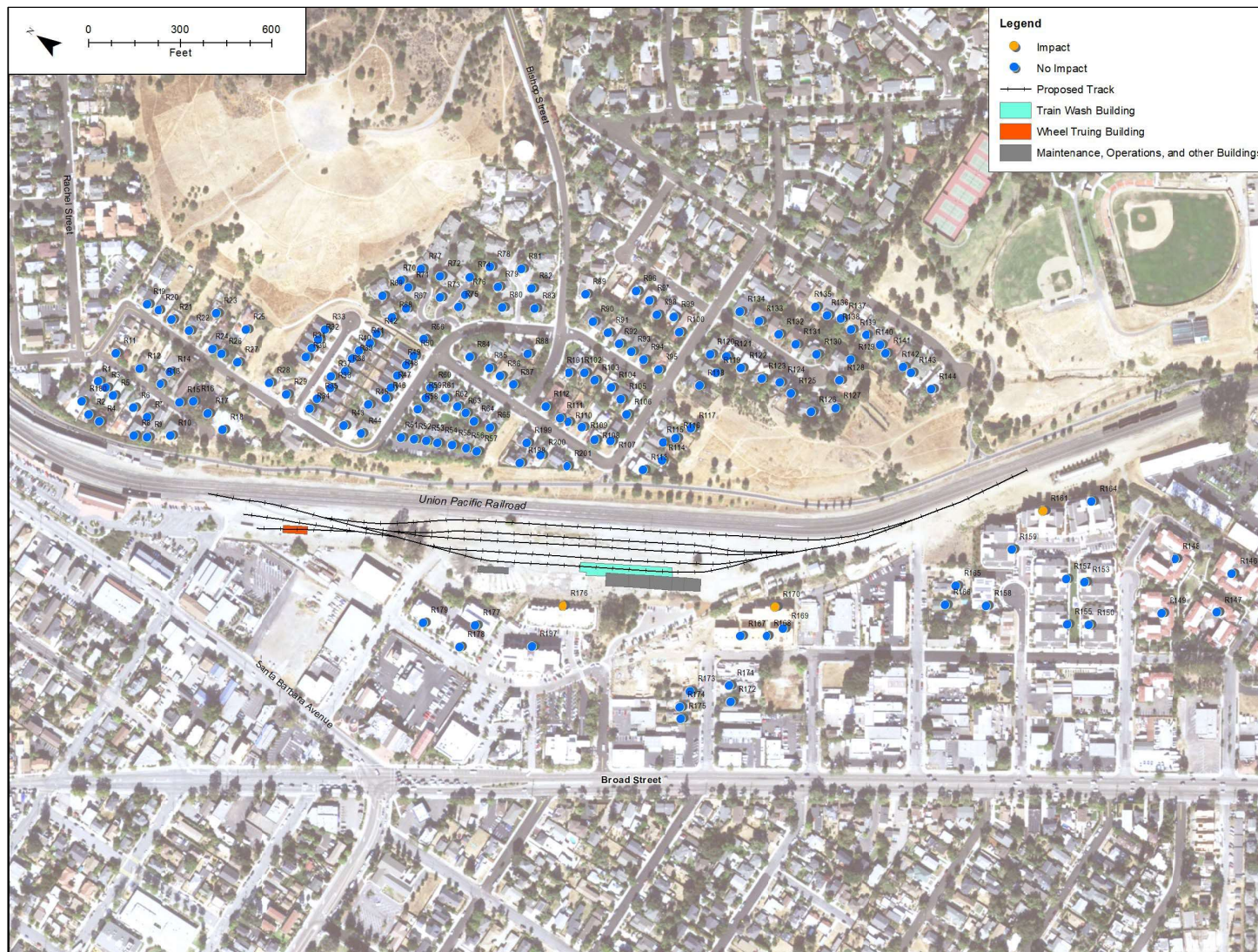


Table 8-7. Construction Noise Summary

| Phase | Equipment | dBA Lmax at 50ft | Composite dBA Leq at 50ft | FTA Daytime Guideline Exceedances | Range of Sound Levels | Potential Impact Type |
|--|---|------------------|---------------------------|-----------------------------------|-----------------------|-----------------------|
| Phase 1 | | | | | | |
| Phase 1a Demolition and Rough Grading | Rubber Tire Front Loaders (972K or 988) | 81 | 80 | none | 54 - 77 | none |
| | Backhoe | 84 | 80 | | | |
| | CAT Scraper | 78 | 75 | | | |
| | Water Truck | 72 | 65 | | | |
| | Dump Truck | 73 | 72 | | | |
| | Skid Steer Loader | 73 | 66 | | | |
| | Motor Grader (CAT 140) | 78 | 75 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 76 | | | |
| Phase 1b Utility Relocations | Backhoe with Concrete Breaker | 84 | 83 | Daytime | 59 - 81 | none |
| | Sawcutting | 76 | 75 | | | |
| | Dump Truck | 73 | 72 | | | |
| | Rubber Tire Front Loaders (972K or 988) | 81 | 80 | | | |
| | Concrete Truck | 88 | 87 | | | |
| | Flatbed Material Delivery Trucks | 74 | 77 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 78 | | | |
| Phase 1c West/East Landscape Buffer and Bike Path | Concrete Truck | 88 | 84 | none | 55 - 77 | none |
| | Motor Grader (CAT 140) | 78 | 75 | | | |
| | Compactor/Smooth Drum Roller | 82 | 75 | | | |
| | Skid Steer Loader | 73 | 66 | | | |
| | Dump Truck | 73 | 69 | | | |
| | Flatbed Material Delivery Truck | 74 | 75 | | | |
| | Water Truck | 72 | 65 | | | |

Table 8-7. Construction Noise Summary

| Phase | Equipment | dBA Lmax at 50ft | Composite dBA Leq at 50ft | FTA Daytime Guideline Exceedances | Range of Sound Levels | Potential Impact Type |
|--|---|------------------|---------------------------|-----------------------------------|-----------------------|-----------------------|
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 76 | | | |
| Phase 1d | Concrete Truck | 88 | 87 | none | 57 - 79 | none |
| Access drive, yard paving and service roads | Motor Grader (CAT 140) | 78 | 75 | | | |
| | Compactor/Smooth Drum Roller | 82 | 75 | | | |
| | Skid Steer Loader | 73 | 66 | | | |
| | Dump Truck | 73 | 69 | | | |
| | Water Truck | 72 | 65 | | | |
| | Other Construction Equipment | 74 | 76 | | | |
| Phase 1e | Backhoe | 84 | 80 | none | 51 - 74 | none |
| Fencing | Flatbed Material Delivery Truck | 74 | 76 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 73 | | | |
| Phase 1f | Rubber Tire Front Loaders (972K or 988) | 81 | 77 | Daytime | 60 - 83 | none |
| S&I Position, gage pit with Canopy | Backhoe | 84 | 80 | | | |
| | Concrete Truck | 88 | 90 | | | |
| | Crane | 76 | 68 | | | |
| | Manlift | 73 | 66 | | | |
| | Telehandler/Forklift | 88 | 81 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 73 | | | |
| Phase 1g | Tamper | 73 | 66 | none | 55 - 77 | none |
| Storage Track Approx 2,750 TF and 2 Turnouts | Regulator | 82 | 78 | | | |
| | Rubber Tire Front Loaders (972K or 988) | 81 | 80 | | | |
| | Backhoe | 84 | 80 | | | |
| | Welding Truck | 72 | 68 | | | |

Table 8-7. Construction Noise Summary

| Phase | Equipment | dBA Lmax at 50ft | Composite dBA Leq at 50ft | FTA Daytime Guideline Exceedances | Range of Sound Levels | Potential Impact Type |
|---|---|------------------|---------------------------|-----------------------------------|-----------------------|-----------------------|
| | Section Truck | 74 | 70 | | | |
| | Ballast Delivery Truck (aka dump truck) | 73 | 69 | | | |
| | Flatbed Material Delivery Truck | 74 | 75 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 76 | | | |
| Phase 1h Exterior Parking and Driveway | Concrete Truck | 88 | 84 | none | 56 - 79 | none |
| | Motor Grader (CAT 140) | 78 | 75 | | | |
| | Compactor/Smooth Drum Roller | 82 | 75 | | | |
| | Skid Steer Loader | 73 | 66 | | | |
| | Asphalt Dump Truck | 73 | 72 | | | |
| | Asphalt Paver | 82 | 79 | | | |
| | Smooth Drum/Vibratory Roller | 80 | 76 | | | |
| | Dump Truck | 73 | 74 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 76 | | | |
| Later Phases | | | | | | |
| Phase a West/East Landscape Buffer and Bike Path | Concrete Truck | 88 | 84 | none | 55 - 77 | none |
| | Motor Grader (CAT 140) | 78 | 75 | | | |
| | Compactor/Smooth Drum Roller | 82 | 75 | | | |
| | Skid Steer Loader | 73 | 66 | | | |
| | Dump Truck | 73 | 69 | | | |
| | Flatbed Material Delivery Truck | 74 | 75 | | | |
| | Water Truck | 72 | 65 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 76 | | | |
| Phase b | Concrete Truck | 88 | 84 | none | 56 - 78 | none |
| | Motor Grader (CAT 140) | 78 | 75 | | | |

Table 8-7. Construction Noise Summary

| Phase | Equipment | dBA Lmax at 50ft | Composite dBA Leq at 50ft | FTA Daytime Guideline Exceedances | Range of Sound Levels | Potential Impact Type |
|---|---|------------------|---------------------------|-----------------------------------|-----------------------|-----------------------|
| Exterior Parking and Driveway | Compactor/Smooth Drum Roller | 82 | 75 | | | |
| | Skid Steer Loader | 73 | 66 | | | |
| | Asphalt Dump Truck | 73 | 72 | | | |
| | Asphalt Paver | 82 | 79 | | | |
| | Smooth Drum/Vibratory Roller | 80 | 73 | | | |
| | Dump Truck | 73 | 74 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 76 | | | |
| Phase c Track Construction Approx 5,500 TF and 10 Turnout | Tamper | 73 | 69 | none | 56 - 78 | none |
| | Regulator | 82 | 78 | | | |
| | Rubber Tire Front Loaders (972K or 988) | 81 | 82 | | | |
| | Backhoe | 84 | 80 | | | |
| | Welding Truck | 72 | 68 | | | |
| | Section Truck | 74 | 70 | | | |
| | Ballast Delivery Truck (aka dump truck) | 73 | 69 | | | |
| | Flatbed Material Delivery Truck | 74 | 78 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 76 | | | |
| Phase d Operations Building | Rubber Tire Front Loaders (972K or 988) | 81 | 77 | none | 55 - 78 | none |
| | Backhoe | 84 | 80 | | | |
| | Concrete Truck | 88 | 81 | | | |
| | Crane | 76 | 68 | | | |
| | Manlift | 73 | 66 | | | |
| | Telehandler/Forklift | 88 | 81 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 73 | | | |

Table 8-7. Construction Noise Summary

| Phase | Equipment | dBA Lmax at 50ft | Composite dBA Leq at 50ft | FTA Daytime Guideline Exceedances | Range of Sound Levels | Potential Impact Type |
|---|---|------------------|---------------------------|-----------------------------------|-----------------------|-----------------------|
| Phase e Fleet Maintenance Building | Rubber Tire Front Loaders (972K or 988) | 81 | 77 | none | 55 - 78 | none |
| | Backhoe | 84 | 80 | | | |
| | Concrete Truck | 88 | 81 | | | |
| | Crane | 76 | 68 | | | |
| | Manlift | 73 | 66 | | | |
| | Telehandler | 88 | 81 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 73 | | | |
| Phase f Parts Store Room | Rubber Tire Front Loaders (972K or 988) | 81 | 77 | none | 54 - 76 | none |
| | Backhoe | 84 | 80 | | | |
| | Concrete Truck | 88 | 81 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 73 | | | |
| Phase g MOW Shops Foundation/Pad | Rubber Tire Front Loaders (972K or 988) | 81 | 77 | none | 54 - 76 | none |
| | Backhoe | 84 | 80 | | | |
| | Concrete Truck | 88 | 81 | | | |
| | Crane | 76 | 68 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 73 | | | |
| Phase h Train Wash Building | Rubber Tire Front Loaders (972K or 988) | 81 | 77 | none | 54 - 76 | none |
| | Backhoe | 84 | 80 | | | |
| | Concrete Truck | 88 | 81 | | | |
| | Crane | 76 | 68 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 73 | | | |
| Phase i | Rubber Tire Front Loaders (972K or 988) | 81 | 77 | none | 55 - 78 | none |

Table 8-7. Construction Noise Summary

| Phase | Equipment | dBA Lmax at 50ft | Composite dBA Leq at 50ft | FTA Daytime Guideline Exceedances | Range of Sound Levels | Potential Impact Type |
|----------------------------------|---|------------------|---------------------------|-----------------------------------|-----------------------|-----------------------|
| Wheel Truing Building | Backhoe | 84 | 80 | | | |
| | Concrete Truck | 88 | 81 | | | |
| | Crane | 76 | 68 | | | |
| | Manlift | 73 | 66 | | | |
| | Telehandler | 88 | 81 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 73 | | | |
| Phase j Retaining Wall | Rubber Tire Front Loaders (972K or 988) | 81 | 77 | none | 57 - 79 | none |
| | Dump Trucks | 73 | 72 | | | |
| | Flatbed Material Delivery Truck | 74 | 73 | | | |
| | Concrete Truck | 88 | 87 | | | |
| | Skid Steer Loader | 73 | 66 | | | |
| | Water Truck | 72 | 65 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 76 | | | |
| Phase k Fueling Structure | Rubber Tire Front Loaders (972K or 988) | 81 | 77 | none | 54 - 76 | none |
| | Backhoe | 84 | 80 | | | |
| | Concrete Truck | 88 | 81 | | | |
| | Crane | 76 | 71 | | | |
| | Other Miscellaneous Construction Equipment and Labor (i.e. work trucks) | 74 | 73 | | | |

8.4 Construction Vibration

| | |
|------------------------|--|
| CRITERION D | Exposure of persons to, or generation of, excessive ground-borne vibration or ground-borne noise levels during construction? |
|------------------------|--|

Vibration levels were analyzed at sensitive-receptor locations within the screening distances of the Project. To be conservative, the vibration-damage analysis assumes the most vibration-sensitive structures are FTA Category III structures, which are nonengineered timber and masonry buildings (Table 3-2). For vibration annoyance, the land use category most sensitive to construction vibration includes places where people typically sleep, such as residences.

Construction of the Project includes activities that have the potential to cause construction vibration impacts. These activities include the use of vibratory rollers and bulldozers to place track ballast and lay down railroad ties and tracks. Out of the two main pieces of equipment, vibratory rollers produce the highest levels of vibration; therefore, Category III structures located within 25 feet of vibratory roller activities would be the most susceptible to vibration damage impacts. However, based on the existing setback between these Category III structure locations and the proposed Project, the highest vibration levels are predicted at 0.018 PPV at the nearest receptor to construction. This level is below the damage impact criteria; therefore, no significant damage impact is predicted from the Project.

Vibration annoyance predictions were also calculated at each receptor and assessed against the threshold for Category 2 uses of 80 VdB because construction vibration would not be present in any location for extended periods of time. Construction vibration annoyances can be anticipated at sensitive receptors located within approximately 73 feet of the proposed construction. The closest sensitive receptor is located 130-feet from construction; therefore, no significant impacts are predicted. Table 8-8 provides results of the construction vibration analysis at all receptors analyzed.

Table 8-8. Construction Vibration Results

| Receptor | FTA Category | Distance (feet) | Roller PPV | Roller VdB | Dozer PPV | Dozer VdB | Loaded Truck PPV | Loaded Truck VdB | Damage Threshold PPV | Annoyance Threshold VdB | Roller Damage Impact | Roller Annoyance Impact | Dozer Damage Impact | Dozer Annoyance Impact | Loaded Truck Damage Impact | Loaded Truck Annoyance Impact |
|----------|--------------|-----------------|------------|------------|-----------|-----------|------------------|------------------|----------------------|-------------------------|----------------------|-------------------------|---------------------|------------------------|----------------------------|-------------------------------|
| R113 | 2 | 204 | 0.009 | 67 | 0.004 | 60 | 0.003 | 59 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R114 | 2 | 230 | 0.008 | 65 | 0.003 | 58 | 0.003 | 57 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R198 | 2 | 192 | 0.010 | 67 | 0.004 | 60 | 0.004 | 59 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R200 | 2 | 204 | 0.009 | 67 | 0.004 | 60 | 0.003 | 59 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R201 | 2 | 194 | 0.010 | 67 | 0.004 | 60 | 0.004 | 59 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R159 | 2 | 197 | 0.009 | 67 | 0.004 | 60 | 0.003 | 59 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R160 | 2 | 133 | 0.017 | 72 | 0.007 | 65 | 0.006 | 64 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R161 | 2 | 130 | 0.018 | 73 | 0.007 | 66 | 0.006 | 65 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R162 | 2 | 149 | 0.015 | 71 | 0.006 | 64 | 0.005 | 63 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R163 | 2 | 204 | 0.009 | 67 | 0.004 | 60 | 0.003 | 59 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R169 | 2 | 237 | 0.007 | 65 | 0.003 | 58 | 0.003 | 57 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R170 | 2 | 164 | 0.013 | 70 | 0.005 | 63 | 0.005 | 62 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R179 | 2 | 189 | 0.010 | 68 | 0.004 | 61 | 0.004 | 60 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R167 | 2 | 190 | 0.010 | 68 | 0.004 | 61 | 0.004 | 60 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R168 | 2 | 213 | 0.008 | 66 | 0.004 | 59 | 0.003 | 58 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R176 | 2 | 144 | 0.015 | 71 | 0.006 | 64 | 0.005 | 63 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R177 | 2 | 167 | 0.012 | 69 | 0.005 | 62 | 0.004 | 61 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |
| R178 | 2 | 235 | 0.007 | 65 | 0.003 | 58 | 0.003 | 57 | 0.2 | 80 | No Impact | No Impact | No Impact | No Impact | No Impact | No Impact |

Notes:

FTA=Federal Transit Administration; VdB=vibration decibels, PPV=peak particle velocity in inches per second

9 Mitigation

9.1 Operational Noise Mitigation

Moderate impacts are predicted under Phase 1 and Later Phases operation of the Project. FTA's guidance requires that mitigation be strongly considered for severe impacts and considered for moderate impacts.

LOSSAN does not have a formal noise mitigation policy; however, their goal is to substantially reduce noise levels at severe impacts and implement noise mitigation at moderate impacts where feasible and reasonable. The following are considered by LOSSAN when determining whether noise mitigation for moderate impacts is feasible and reasonable for implementation in a project:

- **The number of noise-sensitive receptors impacted** – Clusters of impacts in a given location increase the likelihood that noise mitigation would be considered feasible and cost reasonable on a per receptor basis. LOSSAN follows the California Department of Transportation noise policy for identifying if mitigation is feasible and cost reasonable (California Department of Transportation 2020).
- **Effectiveness of a mitigation measure** - Mitigation is feasible if it achieves a 5 dB reduction at impacted receptors
 - A receptor is considered benefitted if a 5 dB reduction is achieved by a mitigation measure at a receptor whether it is impacted or not.
- **Implementation costs** – Mitigation is cost reasonable if the noise mitigation measure on a per receptor basis is less than the amount allotted for mitigation for each receptor.
- **The predicted increase over existing noise levels** – Increases in noise levels of 5 dB and greater are generally noticeable to average human hearing and 10-dB increases are perceived as a doubling in noise. Changes of 3 dB or less are generally not perceptible to average human hearing; therefore, for mitigation to be considered, an increase of at least 3 dB is required.
- **Community opinions on the mitigation measure** – If more than 50 percent of the benefitted receptors vote to implement a feasible mitigation measure, it is considered reasonable for an area that shares a given mitigation measure. For example, if a noise wall is under consideration for a series of impacted receptors in a neighborhood, more than 50 percent of the benefitted receptors behind the sound wall would need to approve of the mitigation measure for it to be implemented. Voting typically occurs during final design.

Implementation of the following mitigation measures would reduce the potentially significant impacts as a result of Project operation to a level less than significant.

NV-1 Operational Restrictions. LOSSAN is committed to developing the facility operational plan with the following approaches to ensure community noise is reduced:

- Under the Phase 1 operations ~~C~~connect to ground power within ~~45~~30-minutes of arrival at the facility to reduce noise from idling locomotives.
 - Under the Phase 1 operations ~~D~~disconnect from ground power no sooner than ~~45~~50-minutes prior to reduce noise from idling locomotives.
 - Under the Later Phases operations connect to ground power within 30-minutes of daytime (7:00 a.m. to 10:00 p.m.) arrivals and within 25-minutes of nighttime (10:00 p.m. to 7:00 a.m.) arrivals at the facility to reduce noise from idling locomotives.
 - Under the Phase 1 operations disconnect from ground power no sooner than 50-minutes prior to reduce noise from idling locomotives.
 - Under the Later Phases operations disconnect from ground power no sooner than 45-minutes prior to reduce noise from idling locomotives.
- —
- ~~Under the the later phases~~ Later Phases of the project trains will access storage tracks using the following approach: The first train of each day accessing the CCLF would use the easternmost storage track and would not use the train wash. Having the train stored on this track acts as a noise barrier reducing sound levels at sensitive land uses east of the storage facility.
 - The second train of each day accessing the CCLF will use the westernmost storage track (i.e., next to the service and inspection track) and will not use the train wash. Having the train stored on this track acts as a noise barrier reducing sound levels at sensitive land uses west of the storage facility.
 - The third train each day accessing the CCLF will go through the wash and then access the storage tracks between the easternmost and westernmost storage tracks.
 - The fourth train each day accessing the CCLF will go through the wash and then layover on the service and inspection track. In this way it will act as a barrier blocking noise from other train movements and noise sources reducing sound levels at sensitive land uses east of the storage facility.

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9.2 Construction Noise Mitigation

General Project construction noise and vibration would exceed the FTA's construction guidelines at receptors nearest to the construction efforts. The Project would implement the following mitigation to reduce construction-related noise levels:

NV-2 Employ noise- and vibration-reducing measures during construction. The construction contractor will employ measures to minimize and reduce construction noise. Noise reduction measures that will be implemented include, but are not limited to, the following:

- Place site equipment on the construction site as far away from noise sensitive sites as possible.
- Combine noisy operations to have them occur in the same time period.
 - The total noise level produced would not be significantly greater than the level produced if the operations were performed separately.
- Nighttime construction will not be allowed.
- Use specially quieted equipment, such as quieted and enclosed air compressors and properly working mufflers on all engines.
- Select quieter demolition methods, where feasible.

NV-3 Prepare a community notification plan for Project construction. To proactively address community concerns related to construction noise, prior to construction, the LOSSAN Rail Corridor Agency and/or the construction contractor will prepare and maintain a community notification plan. Components of the plan will include initial information packets prepared and mailed to all residences within a 500-foot radius of Project construction. Updates to the plan will be prepared as necessary to indicate changes to the construction schedule or other processes. The LOSSAN Rail Corridor Agency will identify a Project liaison to be available to respond to questions from the community or other interested groups.

9.3 Impacts after Mitigation

9.3.1 Operational Noise

Mitigation is strongly recommended for severe impacts and considered for the moderate operational noise impacts, per FTA. Operational adjustments at the facility would reduce noise levels at remaining moderate impacts. For these reasons, after mitigation, these impacts would be less than significant. No long-term significant impacts would result with the proposed mitigation.

9.3.2 Construction

With implementation of the construction noise mitigation measures, including restricting the loudest activities to daytime periods, noise levels would be maintained below the FTA guideline. By

implementing the noise reduction measures and compliance monitoring, no residual significant impact would remain.

10 References

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Appendix A. Federal Transit Administration Acoustic Modeling Input Data

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Noise emissions of railway traffic

| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
|---------------------|---------------------------|-------------|-------|--------------------|----------------------|------------------------------|--------------------------|-------|----------------|----------------|
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 713421.180 | 3906478.587 | - | - | - | - | - | - | | |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | |
| | | | | day | night | | | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 714213.752 | 3904656.125 | 71.85 | - | - | - | - | - | | |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | |
| | | | | day | night | | | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 713328.338 | 3906194.066 | - | - | - | - | - | - | | |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | |
| | | | | day | night | | | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 713332.187 | 3906192.003 | - | - | - | - | - | - | | |

| | | |
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Noise emissions of railway traffic

| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
|------------------|---------------------------|-------------|-------|------------------|-------------------|---------------------------|------------------|--------------------------|----------------|-------|
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day | night |
| | | | | | | | | | dB(A) | dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713302.215 | 3906110.787 | - | - | - | | | - | - | - |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day | night |
| | | | | | | | | | dB(A) | dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713280.138 | 3905879.985 | 78.85 | - | - | | | - | - | - |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day | night |
| | | | | | | | | | dB(A) | dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713301.897 | 3905775.090 | 77.79 | - | - | | | - | - | - |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day | night |
| | | | | | | | | | dB(A) | dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713372.444 | 3906247.341 | - | - | - | | | - | - | - |

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Noise emissions of railway traffic

| Rail track: Direction: Section: 1 Km: 0+000 | | | | | | | | |
|--|---------------------------|-------------|-------|------------------|-------------------|---------------------------|--------------------------|-------|
| Train type | | | | Number of trains | | Speed | Length per train | Max |
| | | | | day | night | km/h | m | |
| 0 | | | | 0 | 0 | 225 | - | yes |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713332.187 | 3906192.003 | - | - | - | - | - | - |
| Rail track: Direction: Section: 1 Km: 0+000 | | | | | | | | |
| Train type | | | | Number of trains | | Speed | Length per train | Max |
| | | | | day | night | km/h | m | |
| 0 | | | | 0 | 0 | 225 | - | yes |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713328.338 | 3906194.066 | - | - | - | - | - | - |
| North entry/exit to CCMF (special track) Rail track: Direction: Section: 1 Km: 0+000 | | | | | | | | |
| Train type | | | | Number of trains | | Speed | Length per train | Max |
| | | | | day | night | km/h | m | |
| 0 | | | | 3 | 1 | 16 | 177 | yes |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713300.327 | 3905777.883 | 77.74 | 5.0 | - | - | - | - |
| Track 1 (special track) Rail track: Direction: Section: 1 Km: 0+000 | | | | | | | | |
| Train type | | | | Number of trains | | Speed | Length per train | Max |
| | | | | day | night | km/h | m | |
| 0 | | | | 2 | 1 | 16 | 177 | yes |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713345.921 | 3905670.924 | 74.90 | 5.0 | - | - | - | - |

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Noise emissions of railway traffic

| South entrance/exit CCMF | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
|--------------------------------------|---------------------------|-------------|-------|------------------|-------------------|---------------------------|--------------------------|------------|----------------|-------|-----------|--|
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713676.518 | 3905186.934 | 79.65 | - | - | - | - | - | | | | |
| to Track 2, 3, 4 & 5 (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| | | | | km/h | | m | yes | 57.3 | 54.7 | | | |
| 0 | | | | 3 | 1 | 16 | 177 | yes | 57.3 | 54.7 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713345.921 | 3905670.924 | 74.90 | 5.0 | - | - | - | - | | | | |
| to Track 2 & 3 (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| | | | | km/h | | m | yes | 54.3 | 51.7 | | | |
| 0 | | | | 2 | 1 | 16 | 177 | yes | 54.3 | 51.7 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713357.774 | 3905636.894 | 74.02 | 5.0 | - | - | - | - | | | | |
| Track 3 | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| | | | | km/h | | m | yes | 54.3 | 51.7 | | | |
| 0 | | | | 2 | 1 | 16 | 177 | yes | 54.3 | 51.7 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713372.273 | 3905607.948 | 73.76 | 5.0 | - | - | - | - | | | | |

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Noise emissions of railway traffic

| Tracks 2, 3, 4 & 5 | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
|--|---------------------------|-------------|-------|-----------------------|-------------------------|---------------|---------------------------------|-----------------------------|----------------|----------------|-----------|--|
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | | | |
| | | | | day | night | | | | day dB(A) | night dB(A) | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | | Multiple reflections [dB] | Corrected Emission level | | | | |
| | X | Y | Z | | | | | day | night | | | |
| 0+000 | 713584.787 | 3905263.937 | 75.70 | - | | - | - | - | - | | - | |
| Track 2 | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | | | |
| | | | | day | night | | | | day dB(A) | night dB(A) | | |
| 0 | | | | 2 | 1 | 16 | 177 | yes | 54.3 | 51.7 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | | Multiple reflections [dB] | Corrected Emission level | | | | |
| | X | Y | Z | | | | | day | night | | | |
| 0+000 | 713372.273 | 3905607.948 | 73.76 | 5.0 | | - | - | - | - | | - | |
| Track 5 (train wash) & Track 4 (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | | | |
| | | | | day | night | | | | day dB(A) | night dB(A) | | |
| 0 | | | | 2 | 1 | 16 | 177 | yes | 54.3 | 51.7 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | | Multiple reflections [dB] | Corrected Emission level | | | | |
| | X | Y | Z | | | | | day | night | | | |
| 0+000 | 713357.774 | 3905636.894 | 74.02 | 5.0 | | - | - | - | - | | - | |
| To Track 4 & 5 (wash) (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | | | |
| | | | | day | night | | | | day dB(A) | night dB(A) | | |
| 0 | | | | 2 | 1 | 16 | 177 | yes | 54.3 | 51.7 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | | Multiple reflections [dB] | Corrected Emission level | | | | |
| | X | Y | Z | | | | | day | night | | | |
| 0+000 | 713370.663 | 3905600.190 | 73.51 | 5.0 | | - | - | - | - | | - | |

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| Noise emissions of railway traffic |
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| Track 4 (service & inspection) (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
|--|---------------------------|-------------|-------|------------------|-------------------|---------------------------|--------------------------|------------|----------------|-------|-----------|--|
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| | | | | km/h | m | | dB(A) | dB(A) | | | | |
| 0 | | | | 2 | 1 | 16 | 177 | yes | 54.3 | 51.7 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713380.929 | 3905571.826 | 73.64 | 5.0 | - | - | - | - | | | | |
| Track 4 & 5 (wash) (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| | | | | km/h | m | dB(A) | dB(A) | | | | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713556.401 | 3905292.511 | 75.56 | 5.0 | - | - | - | - | | | | |
| Track 5 (Train Wash Track) (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| | | | | km/h | m | dB(A) | dB(A) | | | | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713380.929 | 3905571.826 | 73.64 | 5.0 | - | - | - | - | | | | |
| Track 2 (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| | | | | km/h | m | dB(A) | dB(A) | | | | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713573.463 | 3905278.912 | 75.92 | 5.0 | - | - | - | - | | | | |

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Noise emissions of railway traffic

| Track 3 (special track) | | | | | | | | |
|--------------------------|---------------------------|-------------|------------|------------------|-------------------|---------------------------|--------------------------|----------------|
| Rail track: | | | Direction: | | Section: 1 | | | Km: 0+000 |
| Train type | | | | Number of trains | | Speed | Length per train | Emission level |
| | | | | day | night | km/h | m | Max |
| | | | | | | | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713563.197 | 3905291.824 | 75.86 | 5.0 | - | - | - | - |
| North entry/exit to CCMF | | | | | | | | |
| Rail track: | | | Direction: | | Section: 1 | | | Km: 0+000 |
| Train type | | | | Number of trains | | Speed | Length per train | Emission level |
| | | | | day | night | km/h | m | Max |
| | | | | | | | | |
| 0 | 3 | 2 | 16 | 177 | yes | 56.4 | 56.4 | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713313.244 | 3905749.638 | 77.71 | - | - | - | - | - |
| North entry/exit to CCMF | | | | | | | | |
| Rail track: | | | Direction: | | Section: 1 | | | Km: 0+000 |
| Train type | | | | Number of trains | | Speed | Length per train | Emission level |
| | | | | day | night | km/h | m | Max |
| | | | | | | | | |
| 0 | 3 | 2 | 16 | 177 | yes | 56.4 | 56.4 | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713334.411 | 3905702.872 | 76.06 | - | - | - | - | - |
| Track 3 | | | | | | | | |
| Rail track: | | | Direction: | | Section: 1 | | | Km: 0+000 |
| Train type | | | | Number of trains | | Speed | Length per train | Emission level |
| | | | | day | night | km/h | m | Max |
| | | | | | | | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713533.775 | 3905334.474 | 75.48 | - | - | - | - | - |

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Noise emissions of railway traffic

| Track 4 (service & inspection) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
|--------------------------------|---------------------------|-------------|-------|------------------|-------|-------------------|--|---------------------------|-----|--------------------------|-----------|--|
| Train type | | | | Number of trains | | Speed | | Length per train | | Emission level | | |
| | | | | day | night | km/h | | m | Max | day | night | |
| | | | | | | | | | | | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | | Curve radius [dB] | | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | | | day | night | |
| 0+000 | 713518.725 | 3905338.336 | 74.62 | - | | - | | - | | - | - | |
| North entry/exit to CCMF | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | | Length per train | | Emission level | | |
| | | | | day | night | km/h | | m | Max | day | night | |
| | | | | | | | | | | | | |
| 0 | | | | 3 | 2 | 16 | | 177 | yes | 56.4 | 56.4 | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | | Curve radius [dB] | | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | | | day | night | |
| 0+000 | 713302.586 | 3905773.115 | 77.79 | - | | - | | - | | - | - | |
| to Track 2, 3, 4 & 5 | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | | Length per train | | Emission level | | |
| | | | | day | night | km/h | | m | Max | day | night | |
| | | | | | | | | | | | | |
| 0 | | | | 2 | 1 | 16 | | 177 | yes | 54.2 | 51.6 | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | | Curve radius [dB] | | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | | | day | night | |
| 0+000 | 713348.224 | 3905664.952 | 74.71 | - | | - | | - | | - | - | |
| To Track 4 & 5 (wash) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | | Length per train | | Emission level | | |
| | | | | day | night | km/h | | m | Max | day | night | |
| | | | | | | | | | | | | |
| 0 | | | | 2 | 1 | 16 | | 177 | yes | 54.2 | 51.6 | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | | Curve radius [dB] | | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | | | day | night | |
| 0+000 | 713371.746 | 3905597.200 | 73.50 | - | | - | | - | | - | - | |

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| Noise emissions of railway traffic |
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| to Track 2 & 3 | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
|--------------------------------|---------------------------|-------------|-------|------------------|-------------------|---------------------------|--------------------------|------------|----------------|-------|-----------|--|
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| | | | | km/h | m | | dB(A) | dB(A) | | | | |
| 0 | | | | 2 | 1 | 16 | 177 | yes | 54.2 | 51.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713359.683 | 3905632.986 | 73.98 | - | - | - | - | - | | | | |
| Track 5 (train wash) & Track 4 | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| | | | | km/h | m | dB(A) | dB(A) | | | | | |
| 0 | | | | 2 | 1 | 16 | 177 | yes | 54.2 | 51.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713359.281 | 3905632.584 | 73.94 | - | - | - | - | - | | | | |
| Track 3 | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| | | | | km/h | m | dB(A) | dB(A) | | | | | |
| 0 | | | | 2 | 1 | 16 | 177 | yes | 54.2 | 51.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713374.561 | 3905603.030 | 73.90 | - | - | - | - | - | | | | |
| Track 4 (service & inspection) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| | | | | km/h | m | dB(A) | dB(A) | | | | | |
| 0 | | | | 2 | 1 | 16 | 177 | yes | 54.2 | 51.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713382.804 | 3905567.847 | 73.77 | - | - | - | - | - | | | | |

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Noise emissions of railway traffic

| South entrance/exit CCMF (special track) | | | | Rail track: | | Direction: | | Section: 1 | | Km: 0+000 | |
|--|---------------------------|-------------|-------|-----------------------|-------------------------|---------------------------------|-----------------------------|------------|----------------|----------------|--|
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | | |
| | | | | day | night | | | | day dB(A) | night dB(A) | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | |
| | X | Y | Z | | | | day | night | | | |
| 0+000 | 713777.546 | 3905124.250 | 80.60 | 5.0 | - | - | - | - | | | |
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Noise emissions of railway traffic

| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
|---------------------|---------------------------|-------------|-------|--------------------|----------------------|------------------------------|--------------------------|-------|----------------|----------------|
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 713421.180 | 3906478.587 | - | - | - | - | - | - | | |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | |
| | | | | day | night | | | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 714213.752 | 3904656.125 | 71.85 | - | - | - | - | - | | |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | |
| | | | | day | night | | | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 713328.338 | 3906194.066 | - | - | - | - | - | - | | |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | |
| | | | | day | night | | | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 713332.187 | 3906192.003 | - | - | - | - | - | - | | |

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Noise emissions of railway traffic

| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
|------------------|---------------------------|-------------|-------|------------------|-------------------|---------------------------|------------------|--------------------------|----------------|-------|
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day | night |
| | | | | | | | | | dB(A) | dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713302.215 | 3906110.787 | - | - | - | - | | - | - | - |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day | night |
| | | | | | | | | | dB(A) | dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713280.138 | 3905879.985 | 78.85 | - | - | - | | - | - | - |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day | night |
| | | | | | | | | | dB(A) | dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713301.897 | 3905775.090 | 77.79 | - | - | - | | - | - | - |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day | night |
| | | | | | | | | | dB(A) | dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713372.444 | 3906247.341 | - | - | - | - | | - | - | - |

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Noise emissions of railway traffic

| Rail track: Direction: Section: 1 Km: 0+000 | | | | | | | | |
|---|---------------------------|-------------|-------|------------------|-------------------|---------------------------|--------------------------|-------|
| Train type | | | | Number of trains | | Speed | Length per train | Max |
| | | | | day | night | km/h | m | |
| 0 | | | | 0 | 0 | 225 | - | yes |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713332.187 | 3906192.003 | - | - | - | - | - | - |
| Rail track: Direction: Section: 1 Km: 0+000 | | | | | | | | |
| Train type | | | | Number of trains | | Speed | Length per train | Max |
| | | | | day | night | km/h | m | |
| 0 | | | | 0 | 0 | 225 | - | yes |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713328.338 | 3906194.066 | - | - | - | - | - | - |
| Track 1 Rail track: Direction: Section: 1 Km: 0+000 | | | | | | | | |
| Train type | | | | Number of trains | | Speed | Length per train | Max |
| | | | | day | night | km/h | m | |
| 0 | | | | 2 | 0 | 16 | 177 | yes |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713349.028 | 3905664.952 | 74.76 | - | - | - | - | - |

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Noise emissions of railway traffic

| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
|---------------------|---------------------------|-------------|-------|--------------------|----------------------|------------------------------|--------------------------|-------|----------------|----------------|
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 713421.180 | 3906478.587 | - | - | - | - | - | - | | |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | |
| | | | | day | night | | | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 714213.752 | 3904656.125 | 71.85 | - | - | - | - | - | | |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | |
| | | | | day | night | | | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 713328.338 | 3906194.066 | - | - | - | - | - | - | | |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | |
| | | | | day | night | | | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 713332.187 | 3906192.003 | - | - | - | - | - | - | | |

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Noise emissions of railway traffic

| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
|------------------|---------------------------|-------------|-------|------------------|-------------------|---------------------------|------------------|--------------------------|----------------|-------------|
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713302.215 | 3906110.787 | - | - | - | - | | - | - | - |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713280.138 | 3905879.985 | 78.85 | - | - | - | | - | - | - |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713301.897 | 3905775.090 | 77.79 | - | - | - | | - | - | - |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713372.444 | 3906247.341 | - | - | - | - | | - | - | - |

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Noise emissions of railway traffic

| Rail track: Direction: Section: 1 Km: 0+000 | | | | | | | | |
|--|------------|-------------|-------|------------------|-------|--------------|----------------------|--------------------------|
| Train type | | | | Number of trains | | Speed | Length per train | Max |
| | | | | day | night | km/h | m | |
| 0 | | | | 0 | 0 | 225 | - | yes |
| Coordinates of track axis | | | | Track type | | Curve radius | Multiple reflections | Corrected Emission level |
| Track Station km | X | Y | Z | [dB] | [dB] | [dB] | [dB] | day night |
| 0+000 | 713332.187 | 3906192.003 | - | - | - | - | - | - |
| Rail track: Direction: Section: 1 Km: 0+000 | | | | | | | | |
| Train type | | | | Number of trains | | Speed | Length per train | Max |
| | | | | day | night | km/h | m | |
| 0 | | | | 0 | 0 | 225 | - | yes |
| Coordinates of track axis | | | | Track type | | Curve radius | Multiple reflections | Corrected Emission level |
| Track Station km | X | Y | Z | [dB] | [dB] | [dB] | [dB] | day night |
| 0+000 | 713328.338 | 3906194.066 | - | - | - | - | - | - |
| North entry/exit to CCMF (special track) Rail track: Direction: Section: 1 Km: 0+000 | | | | | | | | |
| Train type | | | | Number of trains | | Speed | Length per train | Max |
| | | | | day | night | km/h | m | |
| 0 | | | | 6 | 2 | 16 | 177 | yes |
| Coordinates of track axis | | | | Track type | | Curve radius | Multiple reflections | Corrected Emission level |
| Track Station km | X | Y | Z | [dB] | [dB] | [dB] | [dB] | day night |
| 0+000 | 713300.327 | 3905777.883 | 77.74 | 5.0 | - | - | - | - |
| Track 1 (special track) Rail track: Direction: Section: 1 Km: 0+000 | | | | | | | | |
| Train type | | | | Number of trains | | Speed | Length per train | Max |
| | | | | day | night | km/h | m | |
| 0 | | | | 2 | 0 | 16 | 177 | yes |
| Coordinates of track axis | | | | Track type | | Curve radius | Multiple reflections | Corrected Emission level |
| Track Station km | X | Y | Z | [dB] | [dB] | [dB] | [dB] | day night |
| 0+000 | 713345.921 | 3905670.924 | 74.90 | 5.0 | - | - | - | - |

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Noise emissions of railway traffic

| South entrance/exit CCMF | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
|--------------------------------------|---------------------------|-------------|-------|------------------|-------|-------------------|--|---------------------------|--|-----|--------------------------|-------|
| Train type | | | | Number of trains | | Speed | | Length per train | | Max | Emission level | |
| | | | | day | night | km/h | | m | | | day | night |
| Track Station km | Coordinates of track axis | | | Track type [dB] | | Curve radius [dB] | | Multiple reflections [dB] | | | Corrected Emission level | |
| | X | Y | Z | | | | | | | | day | night |
| 0+000 | 713676.518 | 3905186.934 | 79.65 | - | | - | | - | | | - | - |
| to Track 2, 3, 4 & 5 (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | | Length per train | | Max | Emission level | |
| | | | | day | night | km/h | | m | | | day | night |
| 0 | | | | 4 | 2 | 16 | | 177 | | yes | 58.5 | 57.7 |
| Track Station km | Coordinates of track axis | | | Track type [dB] | | Curve radius [dB] | | Multiple reflections [dB] | | | Corrected Emission level | |
| | X | Y | Z | | | | | | | | day | night |
| 0+000 | 713345.921 | 3905670.924 | 74.90 | 5.0 | | - | | - | | | - | - |
| to Track 2 & 3 (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | | Length per train | | Max | Emission level | |
| | | | | day | night | km/h | | m | | | day | night |
| 0 | | | | 2 | 2 | 16 | | 177 | | yes | 55.5 | 57.7 |
| Track Station km | Coordinates of track axis | | | Track type [dB] | | Curve radius [dB] | | Multiple reflections [dB] | | | Corrected Emission level | |
| | X | Y | Z | | | | | | | | day | night |
| 0+000 | 713357.774 | 3905636.894 | 74.02 | 5.0 | | - | | - | | | - | - |
| Track 3 | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | | Length per train | | Max | Emission level | |
| | | | | day | night | km/h | | m | | | day | night |
| 0 | | | | 1 | 1 | 16 | | 177 | | yes | 52.5 | 54.7 |
| Track Station km | Coordinates of track axis | | | Track type [dB] | | Curve radius [dB] | | Multiple reflections [dB] | | | Corrected Emission level | |
| | X | Y | Z | | | | | | | | day | night |
| 0+000 | 713372.273 | 3905607.948 | 73.76 | 5.0 | | - | | - | | | - | - |

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Noise emissions of railway traffic

| Tracks 2, 3, 4 & 5 | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
|--|---------------------------|-------------|-------|-----------------------|-------------------------|---------------------------------|-----------------------------|------------|----------------|----------------|-----------|--|
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | | | |
| | | | | day | night | | | | day dB(A) | night dB(A) | | |
| 0 | | | | 1 | 1 | 16 | 177 | yes | 52.4 | 54.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713584.787 | 3905263.937 | 75.70 | - | - | - | - | - | | | | |
| Track 2 | | | | | | | | | | | | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | | | |
| | | | | day | night | | | | day dB(A) | night dB(A) | | |
| 0 | | | | 1 | 0 | 16 | 177 | yes | 52.5 | - | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713372.273 | 3905607.948 | 73.76 | 5.0 | - | - | - | - | | | | |
| Track 5 (train wash) & Track 4 (special track) | | | | | | | | | | | | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | | | |
| | | | | day | night | | | | day dB(A) | night dB(A) | | |
| 0 | | | | 3 | 1 | 16 | 177 | yes | 57.3 | 54.7 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713357.774 | 3905636.894 | 74.02 | 5.0 | - | - | - | - | | | | |
| To Track 4 & 5 (wash) (special track) | | | | | | | | | | | | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | | | |
| | | | | day | night | | | | day dB(A) | night dB(A) | | |
| 0 | | | | 3 | 1 | 16 | 177 | yes | 57.3 | 54.7 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713370.663 | 3905600.190 | 73.51 | 5.0 | - | - | - | - | | | | |

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| Noise emissions of railway traffic |
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| Track 4 (service & inspection) (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
|--|---------------------------|-------------|-------|------------------|-------------------|---------------------------|--------------------------|------------|----------------|-------|-----------|--|
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| 0 | | | | 2 | 0 | 16 | 177 | yes | 55.5 | - | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713380.929 | 3905571.826 | 73.64 | 5.0 | - | - | - | - | | | | |
| Track 4 & 5 (wash) (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| 0 | | | | 1 | 1 | 16 | 177 | yes | 52.5 | 54.7 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713556.401 | 3905292.511 | 75.56 | 5.0 | - | - | - | - | | | | |
| Track 5 (Train Wash Track) (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| 0 | | | | 1 | 1 | 16 | 177 | yes | 52.5 | 54.7 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713380.929 | 3905571.826 | 73.64 | 5.0 | - | - | - | - | | | | |
| Storage tracks? | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| 0 | | | | 1 | 1 | 16 | 177 | yes | 52.4 | 54.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713303.089 | 3905738.334 | 76.70 | - | - | - | - | - | | | | |

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| Noise emissions of railway traffic |
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| Wheel Truing Tracks | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
|--|---------------------------|-------------|-------|------------------|-------------------|---------------------------|--------------------------|------------|----------------|-------|-----------|--|
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| 0 | | | | 1 | 1 | 16 | 177 | yes | 52.4 | 54.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713299.120 | 3905719.491 | 75.98 | - | - | - | - | - | | | | |
| entrance/exit wheel truing/storage track | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| 0 | | | | 1 | 1 | 16 | 177 | yes | 52.4 | 54.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713353.730 | 3905634.639 | 73.67 | - | - | - | - | - | | | | |
| Track 2 (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| 0 | | | | 0 | 1 | 16 | 177 | yes | - | 54.7 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713573.463 | 3905278.912 | 75.92 | 5.0 | - | - | - | - | | | | |
| Track 3 (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| 0+000 | | | | 5.0 | - | - | - | - | | | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713563.197 | 3905291.824 | 75.86 | 5.0 | - | - | - | - | | | | |

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| Noise emissions of railway traffic |
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| North entry/exit to CCMF | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
|--------------------------|---------------------------|-------------|-------|-----------------------|-------------------------|---------------------------------|-----------------------------|------------|----------------|----------------|-----------|--|
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | | | |
| | | | | day | night | | | | day dB(A) | night dB(A) | | |
| 0 | | | | 6 | 2 | 16 | 177 | yes | 60.2 | 57.7 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713313.244 | 3905749.638 | 77.71 | - | - | - | - | - | | | | |
| North entry/exit to CCMF | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | | | |
| | | | | day | night | | | | day dB(A) | night dB(A) | | |
| 0 | | | | 6 | 2 | 16 | 177 | yes | 60.2 | 57.7 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713334.411 | 3905702.872 | 76.06 | - | - | - | - | - | | | | |
| Track 1 | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | | | |
| | | | | day | night | | | | day dB(A) | night dB(A) | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713552.164 | 3905340.458 | 76.52 | - | - | - | - | - | | | | |
| Track 2 | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | | | |
| | | | | day | night | | | | day dB(A) | night dB(A) | | |
| 0 | | | | 0 | 1 | 16 | 177 | yes | - | 54.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713538.643 | 3905339.343 | 75.79 | - | - | - | - | - | | | | |

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Noise emissions of railway traffic

| Track 3 | | | | | | | | |
|--------------------------------|---------------------------|-------------|------------|------------------|-------------------|---------------------------|--------------------------|----------------|
| Rail track: | | | Direction: | | Section: 1 | | | Km: 0+000 |
| Train type | | | | Number of trains | | Speed | Length per train | Emission level |
| | | | | day | night | km/h | m | Max |
| | | | | | | | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713533.775 | 3905334.474 | 75.48 | - | - | - | - | - |
| Track 4 (service & inspection) | | | | | | | | |
| Rail track: | | | Direction: | | Section: 1 | | | Km: 0+000 |
| Train type | | | | Number of trains | | Speed | Length per train | Emission level |
| | | | | day | night | km/h | m | Max |
| | | | | | | | | |
| 0 | 1 | 0 | 16 | 177 | yes | 52.4 | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713518.725 | 3905338.336 | 74.62 | - | - | - | - | - |
| North entry/exit to CCMF | | | | | | | | |
| Rail track: | | | Direction: | | Section: 1 | | | Km: 0+000 |
| Train type | | | | Number of trains | | Speed | Length per train | Emission level |
| | | | | day | night | km/h | m | Max |
| | | | | | | | | |
| 0 | 6 | 2 | 16 | 177 | yes | 60.2 | 57.7 | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713302.586 | 3905773.115 | 77.79 | - | - | - | - | - |
| to Track 2, 3, 4 & 5 | | | | | | | | |
| Rail track: | | | Direction: | | Section: 1 | | | Km: 0+000 |
| Train type | | | | Number of trains | | Speed | Length per train | Emission level |
| | | | | day | night | km/h | m | Max |
| | | | | | | | | |
| 0 | 2 | 2 | 16 | 177 | yes | 55.4 | 57.7 | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713348.224 | 3905664.952 | 74.71 | - | - | - | - | - |

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| Noise emissions of railway traffic |
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| To Track 4 & 5 (wash) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
|--------------------------------|---------------------------|-------------|-------|------------------|-------------------|---------------------------|--------------------------|------------|----------------|-------|-----------|--|
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| 0 | | | | 3 | 1 | 16 | 177 | yes | 57.2 | 54.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713371.746 | 3905597.200 | 73.50 | - | - | - | - | - | | | | |
| to Track 2 & 3 | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| 0 | | | | 1 | 1 | 16 | 177 | yes | 52.4 | 54.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713359.683 | 3905632.986 | 73.98 | - | - | - | - | - | | | | |
| Track 5 (train wash) & Track 4 | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| 0 | | | | 3 | 1 | 16 | 177 | yes | 57.2 | 54.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713359.281 | 3905632.584 | 73.94 | - | - | - | - | - | | | | |
| Track 2 | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| 0 | | | | 1 | 1 | 16 | 177 | yes | 52.4 | 54.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713375.164 | 3905603.633 | 73.98 | - | - | - | - | - | | | | |

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| Noise emissions of railway traffic |
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| Track 4 (service & inspection) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
|--|---------------------------|-------------|-------|------------------|-------------------|---------------------------|--------------------------|------------|----------------|-------|-----------|--|
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| 0 | | | | 1 | 1 | 16 | 177 | yes | 52.4 | 54.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713382.804 | 3905567.847 | 73.77 | - | - | - | - | - | | | | |
| Track 5 (Train Wash Track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| 0 | | | | 1 | 1 | 16 | 177 | yes | 52.4 | 54.6 | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713382.348 | 3905567.697 | 73.72 | - | - | - | - | - | | | | |
| South entrance/exit CCMF (special track) | | | | Rail track: | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | | | |
| | | | | day | night | | | | day | night | | |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | | | |
| | X | Y | Z | | | | day | night | | | | |
| 0+000 | 713777.546 | 3905124.250 | 80.60 | 5.0 | - | - | - | - | | | | |

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| | | 3/10/2022 |
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Noise emissions of railway traffic

| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
|---------------------|---------------------------|-------------|-------|--------------------|----------------------|------------------------------|--------------------------|-------|----------------|----------------|
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 713421.180 | 3906478.587 | - | - | - | - | - | - | - | |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | |
| | | | | day | night | | | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 714213.752 | 3904656.125 | 71.85 | - | - | - | - | - | - | |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | |
| | | | | day | night | | | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 713328.338 | 3906194.066 | - | - | - | - | - | - | - | |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | |
| | | | | day | night | | | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 713332.338 | 3906192.066 | - | - | - | - | - | - | - | |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed km/h | Length per train m | Max | Emission level | |
| | | | | day | night | | | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | | | |
| | X | Y | Z | | | | day | night | | |
| 0+000 | 713332.187 | 3906192.003 | - | - | - | - | - | - | - | |

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| | | 3/10/2022 |
|--|--|-----------|

Noise emissions of railway traffic

| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
|------------------|---------------------------|-------------|-------|------------------|-------------------|---------------------------|------------------|--------------------------|----------------|-------------|
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713302.215 | 3906110.787 | - | - | - | - | | - | - | - |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713280.138 | 3905879.985 | 78.85 | - | - | - | | - | - | - |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713301.897 | 3905775.090 | 77.79 | - | - | - | | - | - | - |
| Rail track: | | | | Direction: | | Section: 1 | | | Km: 0+000 | |
| Train type | | | | Number of trains | | Speed | Length per train | Max | Emission level | |
| | | | | day | night | km/h | m | | day dB(A) | night dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes | - | - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | | Corrected Emission level | | |
| | X | Y | Z | | | | | day | night | |
| 0+000 | 713372.444 | 3906247.341 | - | - | - | - | | - | - | - |

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| | | 3/10/2022 |
|--|--|-----------|

Noise emissions of railway traffic

| Rail track: Direction: Section: 1 Km: 0+000 | | | | | | | | |
|---|---------------------------|-------------|-------|------------------|-------------------|---------------------------|--------------------------|----------------|
| Train type | | | | Number of trains | | Speed | Length per train | Emission level |
| | | | | day | night | km/h | m | Max |
| | | | | | | | | day night |
| | | | | | | | | dB(A) dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes - - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713332.187 | 3906192.003 | - | - | - | - | - | - |
| Rail track: Direction: Section: 1 Km: 0+000 | | | | | | | | |
| Train type | | | | Number of trains | | Speed | Length per train | Emission level |
| | | | | day | night | km/h | m | Max |
| | | | | | | | | day night |
| | | | | | | | | dB(A) dB(A) |
| 0 | | | | 0 | 0 | 225 | - | yes - - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713328.338 | 3906194.066 | - | - | - | - | - | - |
| Track 3 Rail track: Direction: Section: 1 Km: 0+000 | | | | | | | | |
| Train type | | | | Number of trains | | Speed | Length per train | Emission level |
| | | | | day | night | km/h | m | Max |
| | | | | | | | | day night |
| | | | | | | | | dB(A) dB(A) |
| 0 | | | | 2 | 0 | 16 | 177 | yes 55.4 - |
| Track Station km | Coordinates of track axis | | | Track type [dB] | Curve radius [dB] | Multiple reflections [dB] | Corrected Emission level | |
| | X | Y | Z | | | | day | night |
| 0+000 | 713374.561 | 3905603.030 | 73.90 | - | - | - | - | - |

| | | |
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| | | 3/10/2022 |
|--|--|-----------|

Appendix B. Monitoring Equipment Calibration Certificates

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MANUFACTURER'S CERTIFICATE OF CONFORMANCE

We certify that Brüel & Kjær **-2245---** Serial No. **2245-100486**
has been tested and passed all production tests, confirming compliance with
the manufacturer's published specification at the date of the test.

The final test has been performed using calibrated equipment, traceable to national
or international standards or by ratio measurements.

Brüel & Kjær is certified under ISO 9001 assuring that all test data is retained
on file and is available for inspection upon request.

Nærum 29-apr-2020

A handwritten signature in blue ink, appearing to read 'Torben Bjørn'.

Torben Bjørn
Vice President, Operations

Please note that this document is not a calibration certificate.
For information on our calibration services please go to www.bksv.com/service.



MANUFACTURER'S CERTIFICATE OF CONFORMANCE

We certify that Brüel & Kjær **-2245---** Serial No. **2245-100485**
has been tested and passed all production tests, confirming compliance with
the manufacturer's published specification at the date of the test.

The final test has been performed using calibrated equipment, traceable to national
or international standards or by ratio measurements.

Brüel & Kjær is certified under ISO 9001 assuring that all test data is retained
on file and is available for inspection upon request.

Nærum 29-apr-2020

A handwritten signature in blue ink, appearing to read 'Torben Bjørn'.

Torben Bjørn
Vice President, Operations

Please note that this document is not a calibration certificate.
For information on our calibration services please go to www.bksv.com/service.

Scantek, Inc.

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP[®]
CALIBRATION
NVLAP Lab Code: 200625-0

Calibration Certificate No.44453

Instrument: Sound Level Meter
Model: 2270
Manufacturer: Brüel and Kjær
Serial number: 3024719_KIT#3
Tested with: Microphone 4189 s/n 2578556
4189 s/n 2021340
Preamplifier ZC0032 s/n 6630
ZC0032 s/n 29400

Date Calibrated: 3/9/2020 **Cal Due:**
Status: Received Sent
In tolerance: X X
Out of tolerance:
See comments:

Contains non-accredited tests: Yes ☒ No
Calibration service: Basic ☒ Standard

Type (class): 1
Customer: Harris Miller Miller & Hanson Inc.
Tel/Fax: 781-229-0707 x3148 / 781-859-8940

Address: 700 District Avenue, Suite 800,
Burlington, MA 01803

Tested in accordance with the following procedures and standards:
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/26/2015
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

| Instrument - Manufacturer | Description | S/N | Cal. Date | Traceability evidence | Cal. Due |
|-----------------------------|----------------------|---------------|--------------------|--------------------------|--------------|
| | | | | Cal. Lab / Accreditation | |
| 483B-Norsonic | SME Cal Unit | 31052 | Oct 31, 2019 | Scantek, Inc./ NVLAP | Oct 31, 2020 |
| DS-360-SRS | Function Generator | 33584 | Oct 23, 2019 | ACR Env./ A2LA | Oct 23, 2021 |
| 34401A-Agilent Technologies | Digital Voltmeter | MY47011118 | Oct 22, 2019 | ACR Env. / A2LA | Oct 22, 2020 |
| HM30-Thommen | Meteo Station | 1040170/39633 | Oct 24, 2019 | ACR Env./ A2LA | Oct 24, 2020 |
| PC Program 1019 Norsonic | Calibration software | v.6.1T | Validated Nov 2014 | Scantek, Inc. | - |
| 1251-Norsonic | Calibrator | 30878 | Oct 23, 2019 | Scantek, Inc./ NVLAP | Oct 23, 2020 |

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

| Temperature (°C) | Barometric pressure (kPa) | Relative Humidity (%) |
|------------------|---------------------------|-----------------------|
| 23.7 | 101.42 | 42.3 |

| | | | |
|-----------------------|----------------------|------------------------------|---------------------------|
| Calibrated by: | Lydon Dawkins | Authorized signatory: | Steven E. Marshall |
| Signature | <i>Lydon Dawkins</i> | Signature | <i>Steven E. Marshall</i> |
| Date | 3/9/2020 | Date | 3/10/2020 |

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
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Scantek, Inc.

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP[®]
CALIBRATION
NVLAP Lab Code: 200625-0

Calibration Certificate No.44438

Instrument: Acoustical Calibrator

Model: 4231

Manufacturer: Brüel and Kjær

Serial number: 2579292

Class (IEC 60942): 1

Barometer type:

Barometer s/n:

Customer: Harris Miller Miller & Hanson Inc.

Tel/Fax: 781-229-0707 x3148 / 781-859-8940

Date Calibrated: 2/27/2020 **Cal Due:**

Status:

| Received | Sent |
|----------|------|
| X | X |

In tolerance:

Out of tolerance:

See comments:

Contains non-accredited tests: Yes ☒ No

Tested in accordance with the following procedures and standards:

Calibration of Acoustical Calibrators, Scantek Inc., Rev. 10/1/2010

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

| Instrument - Manufacturer | Description | S/N | Cal. Date | Traceability evidence | Cal. Due |
|-----------------------------|----------------------|---------------|--------------------|--------------------------|--------------|
| | | | | Cal. Lab / Accreditation | |
| 4838-Norsonic | SME Cal Unit | 31052 | Oct 31, 2019 | Scantek, Inc./ NVLAP | Oct 31, 2020 |
| DS-360-SRS | Function Generator | 33584 | Oct 23, 2019 | ACR Env./ A2LA | Oct 23, 2021 |
| 34401A-Agilent Technologies | Digital Voltmeter | MY47011118 | Oct 22, 2019 | ACR Env. / A2LA | Oct 22, 2020 |
| HM30-Thommen | Meteo Station | 1040170/39633 | Oct 24, 2019 | ACR Env./ A2LA | Oct 24, 2020 |
| 140-Norsonic | Real Time Analyzer | 1406423 | Oct 31, 2019 | Scantek / NVLAP | Oct 31, 2020 |
| PC Program 1018 Norsonic | Calibration software | v.6.1T | Validated Nov 2014 | Scantek, Inc. | - |
| 4134-Brüel&Kjær | Microphone | 173368 | Oct 23, 2019 | Scantek, Inc. / NVLAP | Oct 23, 2020 |
| 1203-Norsonic | Preamplifier | 14059 | Feb 28, 2019 | Scantek, Inc./ NVLAP | Feb 28, 2020 |

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK)

| | | | |
|-----------------------|----------------------|------------------------------|---------------------------|
| Calibrated by: | Lydon Dawkins | Authorized signatory: | Steven E. Marshall |
| Signature | <i>Lydon Dawkins</i> | Signature | <i>Steven E. Marshall</i> |
| Date | 2/27/2020 | Date | 3/3/2020 |

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Scantek, Inc.

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP[®]
CALIBRATION
NVLAP Lab Code: 200625-0

Calibration Certificate No.44459

Instrument: Sound Level Meter

Model: 2270

Manufacturer: Brüel and Kjær

Serial number: 3024729_KIT#5

Tested with: Microphone 4189 s/n 2616506

4189 s/n 2386155

Preamplifier ZC0032 s/n 11159

ZC0032 s/n 29416

Type (class): 1

Customer: Harris Miller Miller & Hanson Inc.

Tel/Fax: 781-229-0707 x3148 / 781-859-8940

Date Calibrated: 3/10/2020 **Cal Due:**

Status:

| Received | Sent |
|----------|------|
| X | X |

In tolerance:

| | |
|---|---|
| X | X |
|---|---|

Out of tolerance:

| | |
|--|--|
| | |
|--|--|

See comments:

Contains non-accredited tests: Yes ☒ No

Calibration service: Basic ☒ Standard

Address: 700 District Avenue, Suite 800,
Burlington, MA 01803

Tested in accordance with the following procedures and standards:

Calibration of Sound Level Meters, Scantek Inc., Rev. 6/26/2015

SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

| Instrument - Manufacturer | Description | S/N | Cal. Date | Traceability evidence | Cal. Due |
|-----------------------------|----------------------|---------------|--------------------|--------------------------|--------------|
| | | | | Cal. Lab / Accreditation | |
| 483B-Norsonic | SME Cal Unit | 31052 | Oct 31, 2019 | Scantek, Inc. / NVLAP | Oct 31, 2020 |
| DS-360-SRS | Function Generator | 33584 | Oct 23, 2019 | ACR Env. / A2LA | Oct 23, 2021 |
| 34401A-Agilent Technologies | Digital Voltmeter | MY47011118 | Oct 22, 2019 | ACR Env. / A2LA | Oct 22, 2020 |
| HM30-Thommen | Meteo Station | 1040170/39633 | Oct 24, 2019 | ACR Env. / A2LA | Oct 24, 2020 |
| PC Program 1019 Norsonic | Calibration software | v.6.1T | Validated Nov 2014 | Scantek, Inc. | - |
| 1251-Norsonic | Calibrator | 30878 | Oct 23, 2019 | Scantek, Inc. / NVLAP | Oct 23, 2020 |

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

| Temperature (°C) | Barometric pressure (kPa) | Relative Humidity (%) |
|------------------|---------------------------|-----------------------|
| 24.4 | 100.57 | 40.6 |

| | | | |
|-----------------------|----------------------|------------------------------|---------------------------|
| Calibrated by: | Lydon Dawkins | Authorized signatory: | Steven E. Marshall |
| Signature | <i>Lydon Dawkins</i> | Signature | <i>Steven E. Marshall</i> |
| Date | 3/10/2020 | Date | 3/10/2020 |

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Scantek, Inc.

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP[®]
CALIBRATION
NVLAP Lab Code: 200625-0

Calibration Certificate No.44441

Instrument: Acoustical Calibrator

Model: 4231

Manufacturer: Brüel and Kjær

Serial number: 2579294

Class (IEC 60942): 1

Barometer type:

Barometer s/n:

Customer: Harris Miller Miller & Hanson Inc.

Tel/Fax: 781-229-0707 x3148 / 781-859-8940

Date Calibrated: 2/27/2020 **Cal Due:**

Status:

| Received | Sent |
|----------|------|
| X | X |

In tolerance:

Out of tolerance:

See comments:

Contains non-accredited tests: Yes ☒ No

Address: 700 District Avenue, Suite 800,
Burlington, MA 01803

Tested in accordance with the following procedures and standards:

Calibration of Acoustical Calibrators, Scantek Inc., Rev. 10/1/2010

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

| Instrument - Manufacturer | Description | S/N | Cal. Date | Traceability evidence | Cal. Due |
|-----------------------------|----------------------|---------------|--------------------|--------------------------|--------------|
| | | | | Cal. Lab / Accreditation | |
| 483B-Norsonic | SME Cal Unit | 31052 | Oct 31, 2019 | Scantek, Inc. / NVLAP | Oct 31, 2020 |
| DS-360-SRS | Function Generator | 33584 | Oct 23, 2019 | ACR Env. / A2LA | Oct 23, 2021 |
| 34401A-Agilent Technologies | Digital Voltmeter | MY47011118 | Oct 22, 2019 | ACR Env. / A2LA | Oct 22, 2020 |
| HM30-Thommen | Meteo Station | 1040170/39633 | Oct 24, 2019 | ACR Env. / A2LA | Oct 24, 2020 |
| 140-Norsonic | Real Time Analyzer | 1406423 | Oct 31, 2019 | Scantek / NVLAP | Oct 31, 2020 |
| PC Program 1018 Norsonic | Calibration software | v.6.1T | Validated Nov 2014 | Scantek, Inc. | - |
| 4134-Brüel&Kjær | Microphone | 173368 | Oct 23, 2019 | Scantek, Inc. / NVLAP | Oct 23, 2020 |
| 1203-Norsonic | Preamplifier | 14059 | Feb 28, 2019 | Scantek, Inc. / NVLAP | Feb 28, 2020 |

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK)

| | | | |
|-----------------------|----------------------|------------------------------|---------------------------|
| Calibrated by: | Lydon Dawkins | Authorized signatory: | Steven E. Marshall |
| Signature | <i>Lydon Dawkins</i> | Signature | <i>Steven E. Marshall</i> |
| Date | 2/27/2020 | Date | 3/3/2020 |

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Scantek, Inc.

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP[®]
CALIBRATION
NVLAP Lab Code: 200625-0

Calibration Certificate No.44462

Instrument: Sound Level Meter

Model: 2270

Manufacturer: Brüel and Kjær

Serial number: 3024993_KIT#6

Tested with: Microphone 4189 s/n 2616507

4189 s/n 3180986

Preamplifier ZC0032 s/n 18967

ZC0032 s/n 29417

Type (class): 1

Customer: Harris Miller Miller & Hanson Inc.

Tel/Fax: 781-229-0707 x3148 / 781-859-8940

Date Calibrated: 3/10/2020 **Cal Due:**

Status:

| Received | Sent |
|----------|------|
| X | X |

In tolerance:

Out of tolerance:

See comments:

Contains non-accredited tests: Yes ☒ No

Calibration service: Basic ☒ Standard

Address: 700 District Avenue, Suite 800,
Burlington, MA 01803

Tested in accordance with the following procedures and standards:

Calibration of Sound Level Meters, Scantek Inc., Rev. 6/26/2015

SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

| Instrument - Manufacturer | Description | S/N | Cal. Date | Traceability evidence | Cal. Due |
|-----------------------------|----------------------|---------------|--------------------|--------------------------|--------------|
| | | | | Cal. Lab / Accreditation | |
| 483B-Norsonic | SME Cal Unit | 31052 | Oct 31, 2019 | Scantek, Inc./ NVLAP | Oct 31, 2020 |
| DS-360-SRS | Function Generator | 33584 | Oct 23, 2019 | ACR Env./ A2LA | Oct 23, 2021 |
| 34401A-Agilent Technologies | Digital Voltmeter | MY47011118 | Oct 22, 2019 | ACR Env. / A2LA | Oct 22, 2020 |
| HM30-Thommen | Meteo Station | 1040170/39633 | Oct 24, 2019 | ACR Env./ A2LA | Oct 24, 2020 |
| PC Program 1019 Norsonic | Calibration software | v.6.1T | Validated Nov 2014 | Scantek, Inc. | - |
| 1251-Norsonic | Calibrator | 30878 | Oct 23, 2019 | Scantek, Inc./ NVLAP | Oct 23, 2020 |

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

| Temperature (°C) | Barometric pressure (kPa) | Relative Humidity (%) |
|------------------|---------------------------|-----------------------|
| 23.0 | 100.28 | 49.5 |

| | | | |
|-----------------------|----------------------|------------------------------|---------------------------|
| Calibrated by: | Lydon Dawkins | Authorized signatory: | Steven E. Marshall |
| Signature | <i>Lydon Dawkins</i> | Signature | <i>Steven E. Marshall</i> |
| Date | 3/10/2020 | Date | 3/10/2020 |

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This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

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Scantek, Inc.

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP[®]
CALIBRATION
NVLAP Lab Code: 200625-0

Calibration Certificate No.44437

Instrument: Acoustical Calibrator

Model: 4231

Manufacturer: Brüel and Kjær

Serial number: 2579295

Class (IEC 60942): 1

Barometer type:

Barometer s/n:

Customer: Harris Miller Miller & Hanson Inc.

Tel/Fax: 781-229-0707 x3148 / 781-229-7939

Date Calibrated: 2/27/2020 **Cal Due:**

Status:

| Received | Sent |
|----------|------|
| X | X |

In tolerance:

Out of tolerance:

See comments:

Contains non-accredited tests: Yes ☒ No

Address: 700 District Avenue, Suite 800,
Burlington, MA 01803

Tested in accordance with the following procedures and standards:

Calibration of Acoustical Calibrators, Scantek Inc., Rev. 10/1/2010

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

| Instrument - Manufacturer | Description | S/N | Cal. Date | Traceability evidence | Cal. Due |
|-----------------------------|----------------------|---------------|--------------------|--------------------------|--------------|
| | | | | Cal. Lab / Accreditation | |
| 483B-Norsonic | SME Cal Unit | 31052 | Oct 31, 2019 | Scantek, Inc. / NVLAP | Oct 31, 2020 |
| DS-360-SRS | Function Generator | 33584 | Oct 23, 2019 | ACR Env. / A2LA | Oct 23, 2021 |
| 34401A-Agilent Technologies | Digital Voltmeter | MY47011118 | Oct 22, 2019 | ACR Env. / A2LA | Oct 22, 2020 |
| HM30-Thommen | Meteo Station | 1040170/39633 | Oct 24, 2019 | ACR Env. / A2LA | Oct 24, 2020 |
| 140-Norsonic | Real Time Analyzer | 1406423 | Oct 31, 2019 | Scantek / NVLAP | Oct 31, 2020 |
| PC Program 1018 Norsonic | Calibration software | v.6.1T | Validated Nov 2014 | Scantek, Inc. | - |
| 4134-Brüel&Kjær | Microphone | 173368 | Oct 23, 2019 | Scantek, Inc. / NVLAP | Oct 23, 2020 |
| 1203-Norsonic | Preamplifier | 14059 | Feb 28, 2019 | Scantek, Inc. / NVLAP | Feb 28, 2020 |

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK)

| | | | |
|-----------------------|----------------------|------------------------------|---------------------------|
| Calibrated by: | Lydon Dawkins | Authorized signatory: | Steven E. Marshall |
| Signature | <i>Lydon Dawkins</i> | Signature | <i>Steven E. Marshall</i> |
| Date | 2/27/2020 | Date | 3/3/2020 |

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Appendix C. Detailed Modeling Results

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Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|---------------------------|-------------------|-----------|--|---------------------------|-----------------------------|--|---|---------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R1</u> R1 | <u>22</u> | <u>11</u> | <u>51.3</u> 51.3 | <u>4.4</u> 4.4 | <u>9.2</u> 9.2 | <u>35.4</u> 34.9 | <u>51.4</u> 51.4 | <u>0.1</u> 0.1 | <u>No Impact</u> No Impact |
| <u>R2</u> R2 | <u>22</u> | <u>11</u> | <u>52.9</u> 52.9 | <u>3.8</u> 3.8 | <u>8.2</u> 8.2 | <u>35.8</u> 35.3 | <u>53.0</u> 53.0 | <u>0.1</u> 0.1 | <u>No Impact</u> No Impact |
| <u>R3</u> R3 | <u>22</u> | <u>11</u> | <u>51.3</u> 51.3 | <u>4.4</u> 4.4 | <u>9.2</u> 9.2 | <u>35.7</u> 35.3 | <u>51.4</u> 51.4 | <u>0.1</u> 0.1 | <u>No Impact</u> No Impact |
| <u>R4</u> R4 | <u>22</u> | <u>11</u> | <u>52.7</u> 52.7 | <u>3.9</u> 3.9 | <u>8.3</u> 8.3 | <u>37.1</u> 36.6 | <u>52.8</u> 52.8 | <u>0.1</u> 0.1 | <u>No Impact</u> No Impact |
| <u>R5</u> R5 | <u>22</u> | <u>11</u> | <u>51.2</u> 51.2 | <u>4.5</u> 4.5 | <u>9.3</u> 9.3 | <u>38.8</u> 38.4 | <u>51.4</u> 51.4 | <u>0.2</u> 0.2 | <u>No Impact</u> No Impact |
| <u>R6</u> R6 | <u>22</u> | <u>11</u> | <u>51.4</u> 51.4 | <u>4.4</u> 4.4 | <u>9.1</u> 9.1 | <u>40.2</u> 39.8 | <u>51.7</u> 51.7 | <u>0.3</u> 0.3 | <u>No Impact</u> No Impact |
| <u>R7</u> R7 | <u>22</u> | <u>11</u> | <u>51.2</u> 51.2 | <u>4.5</u> 4.5 | <u>9.3</u> 9.3 | <u>40</u> 39.5 | <u>51.5</u> 51.5 | <u>0.3</u> 0.3 | <u>No Impact</u> No Impact |
| <u>R8</u> R8 | <u>22</u> | <u>11</u> | <u>52.3</u> 52.3 | <u>4.0</u> 4.0 | <u>8.6</u> 8.6 | <u>40.2</u> 40 | <u>52.5</u> 52.5 | <u>0.3</u> 0.2 | <u>No Impact</u> No Impact |
| <u>R9</u> R9 | <u>22</u> | <u>11</u> | <u>52.1</u> 52.1 | <u>4.1</u> 4.1 | <u>8.7</u> 8.7 | <u>47.5</u> 47.5 | <u>53.4</u> 53.4 | <u>1.3</u> 1.3 | <u>No Impact</u> No Impact |
| <u>R10</u> R10 | <u>22</u> | <u>11</u> | <u>51.3</u> 51.3 | <u>4.4</u> 4.4 | <u>9.2</u> 9.2 | <u>50.8</u> 50.7 | <u>54.0</u> 54.0 | <u>2.8</u> 2.7 | <u>No Impact</u> No Impact |
| <u>R11</u> R11 | <u>22</u> | <u>11</u> | <u>49.8</u> 49.8 | <u>5.1</u> 5.1 | <u>10.2</u> 10.2 | <u>43</u> 42.7 | <u>50.6</u> 50.6 | <u>0.8</u> 0.8 | <u>No Impact</u> No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|---------------------------|-------------------------|-------------------------|--|----------------------------|-----------------------------|--|---|---------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R12</u> R12 | <u>22</u> 22 | <u>11</u> 11 | <u>49.8</u> 49.8 | <u>5.15</u> 5.1 | <u>10.2</u> 10.2 | <u>44.5</u> 44.4 | <u>50.9</u> 50.9 | <u>1.1</u> 1.1 | <u>No Impact</u> No Impact |
| <u>R13</u> R13 | <u>22</u> 22 | <u>11</u> 11 | <u>49.8</u> 49.8 | <u>5.15</u> 5.1 | <u>10.2</u> 10.2 | <u>45.3</u> 45.3 | <u>51.1</u> 51.1 | <u>1.3</u> 1.3 | <u>No Impact</u> No Impact |
| <u>R14</u> R14 | <u>22</u> 22 | <u>11</u> 11 | <u>49.3</u> 49.3 | <u>5.35</u> 5.3 | <u>10.5</u> 10.5 | <u>40.1</u> 39.7 | <u>49.8</u> 49.8 | <u>0.5</u> 0.5 | <u>No Impact</u> No Impact |
| <u>R15</u> R15 | <u>22</u> 22 | <u>11</u> 11 | <u>49.8</u> 49.8 | <u>5.15</u> 5.1 | <u>10.2</u> 10.2 | <u>49.2</u> 49.1 | <u>52.5</u> 52.5 | <u>2.7</u> 2.7 | <u>No Impact</u> No Impact |
| <u>R16</u> R16 | <u>22</u> 22 | <u>11</u> 11 | <u>49.8</u> 49.8 | <u>5.15</u> 5.1 | <u>10.2</u> 10.2 | <u>50.5</u> 50.5 | <u>53.2</u> 53.2 | <u>3.4</u> 3.4 | <u>No Impact</u> No Impact |
| <u>R17</u> R17 | <u>22</u> 22 | <u>11</u> 11 | <u>49.8</u> 49.8 | <u>5.15</u> 5.1 | <u>10.2</u> 10.2 | <u>48.9</u> 48.8 | <u>52.4</u> 52.3 | <u>2.6</u> 2.5 | <u>No Impact</u> No Impact |
| <u>R18</u> R18 | <u>22</u> 22 | <u>11</u> 11 | <u>49.9</u> 49.9 | <u>5.05</u> 5.0 | <u>10.1</u> 10.1 | <u>52.6</u> 52.6 | <u>54.5</u> 54.5 | <u>4.6</u> 4.6 | <u>No Impact</u> No Impact |
| <u>R19</u> R19 | <u>22</u> 22 | <u>11</u> 11 | <u>48.0</u> 48.0 | <u>6.06</u> 6.0 | <u>11.5</u> 11.5 | <u>44.4</u> 43.3 | <u>49.6</u> 49.3 | <u>1.6</u> 1.3 | <u>No Impact</u> No Impact |
| <u>R20</u> R20 | <u>22</u> 22 | <u>11</u> 11 | <u>48.0</u> 48.0 | <u>6.06</u> 6.0 | <u>11.5</u> 11.5 | <u>44.2</u> 42.6 | <u>49.5</u> 49.1 | <u>1.5</u> 1.1 | <u>No Impact</u> No Impact |
| <u>R21</u> R21 | <u>22</u> 22 | <u>11</u> 11 | <u>48.0</u> 48.0 | <u>6.06</u> 6.0 | <u>11.5</u> 11.5 | <u>38.5</u> 38.1 | <u>48.5</u> 48.4 | <u>0.5</u> 0.4 | <u>No Impact</u> No Impact |
| <u>R22</u> R22 | <u>22</u> 22 | <u>11</u> 11 | <u>48.0</u> 48.0 | <u>6.06</u> 6.0 | <u>11.5</u> 11.5 | <u>43.4</u> 42.9 | <u>49.3</u> 49.2 | <u>1.3</u> 1.2 | <u>No Impact</u> No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|---------------------------|-------------------|-----------|--|---------------------------|-----------------------------|--|---|---------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R23</u> R23 | <u>22</u> | <u>11</u> | <u>47.1</u> 47.1 | <u>6.5</u> 6.5 | <u>12.2</u> 12.2 | <u>42.2</u> 41.6 | <u>48.3</u> 48.2 | <u>1.2</u> 1.1 | <u>No Impact</u> No Impact |
| <u>R24</u> R24 | <u>22</u> | <u>11</u> | <u>48.0</u> 48.0 | <u>6.0</u> 6.0 | <u>11.5</u> 11.5 | <u>47.1</u> 46 | <u>50.6</u> 50.1 | <u>2.6</u> 2.1 | <u>No Impact</u> No Impact |
| <u>R25</u> R25 | <u>22</u> | <u>11</u> | <u>47.1</u> 47.1 | <u>6.5</u> 6.5 | <u>12.2</u> 12.2 | <u>48.1</u> 47.6 | <u>50.6</u> 50.4 | <u>3.5</u> 3.3 | <u>No Impact</u> No Impact |
| <u>R26</u> R26 | <u>22</u> | <u>11</u> | <u>48.0</u> 48.0 | <u>6.0</u> 6.0 | <u>11.5</u> 11.5 | <u>44</u> 43.9 | <u>49.5</u> 49.4 | <u>1.5</u> 1.4 | <u>No Impact</u> No Impact |
| <u>R27</u> R27 | <u>22</u> | <u>11</u> | <u>48.0</u> 48.0 | <u>6.0</u> 6.0 | <u>11.5</u> 11.5 | <u>49.7</u> 49 | <u>51.9</u> 51.5 | <u>3.9</u> 3.5 | <u>No Impact</u> No Impact |
| <u>R28</u> R28 | <u>22</u> | <u>11</u> | <u>48.0</u> 48.0 | <u>6.0</u> 6.0 | <u>11.5</u> 11.5 | <u>50.8</u> 50.4 | <u>52.6</u> 52.4 | <u>4.6</u> 4.4 | <u>No Impact</u> No Impact |
| <u>R29</u> R29 | <u>22</u> | <u>11</u> | <u>47.9</u> 47.9 | <u>6.1</u> 6.1 | <u>11.6</u> 11.6 | <u>51.9</u> 51.5 | <u>53.4</u> 53.1 | <u>5.5</u> 5.2 | <u>No Impact</u> No Impact |
| <u>R30</u> R30 | <u>22</u> | <u>11</u> | <u>46.9</u> 46.9 | <u>6.6</u> 6.6 | <u>12.3</u> 12.3 | <u>49</u> 48 | <u>51.1</u> 50.5 | <u>4.2</u> 3.6 | <u>No Impact</u> No Impact |
| <u>R31</u> R31 | <u>22</u> | <u>11</u> | <u>46.6</u> 46.6 | <u>6.8</u> 6.8 | <u>12.6</u> 12.6 | <u>49</u> 48.5 | <u>51.0</u> 50.7 | <u>4.4</u> 4.1 | <u>No Impact</u> No Impact |
| <u>R32</u> R32 | <u>22</u> | <u>11</u> | <u>46.4</u> 46.4 | <u>6.9</u> 6.9 | <u>12.7</u> 12.7 | <u>51.1</u> 49.9 | <u>52.4</u> 51.5 | <u>6.0</u> 5.1 | <u>No Impact</u> No Impact |
| <u>R33</u> R33 | <u>22</u> | <u>11</u> | <u>46.1</u> 46.1 | <u>7.1</u> 7.1 | <u>13.0</u> 13.0 | <u>49.9</u> 49.3 | <u>51.4</u> 51.0 | <u>5.3</u> 4.9 | <u>No Impact</u> No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------------|-------------------|-----------|--|------------------|------------------|--|---|----------------|------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R34</u> R34 | <u>22</u> | <u>11</u> | <u>47.9</u> 47.9 | <u>6.16</u> .1 | <u>11.6</u> 11.6 | <u>46.5</u> 46.4 | <u>50.3</u> 50.2 | <u>2.42</u> .3 | No Impact No Impact |
| <u>R35</u> R35 | <u>22</u> | <u>11</u> | <u>47.5</u> 47.5 | <u>6.36</u> .3 | <u>11.9</u> 11.9 | <u>48.1</u> 47.7 | <u>50.8</u> 50.6 | <u>3.33</u> .1 | No Impact No Impact |
| <u>R36</u> R36 | <u>22</u> | <u>11</u> | <u>47.1</u> 47.1 | <u>6.56</u> .5 | <u>12.2</u> 12.2 | <u>51.4</u> 50.7 | <u>52.8</u> 52.3 | <u>5.75</u> .2 | No Impact No Impact |
| <u>R37</u> R37 | <u>22</u> | <u>11</u> | <u>46.8</u> 46.8 | <u>6.76</u> .7 | <u>12.4</u> 12.4 | <u>44.7</u> 44.7 | <u>48.9</u> 48.9 | <u>2.12</u> .1 | No Impact No Impact |
| <u>R38</u> R38 | <u>22</u> | <u>11</u> | <u>46.6</u> 46.6 | <u>6.86</u> .8 | <u>12.6</u> 12.6 | <u>48.9</u> 47.7 | <u>50.9</u> 50.2 | <u>4.33</u> .6 | No Impact No Impact |
| <u>R39</u> R39 | <u>22</u> | <u>11</u> | <u>46.3</u> 46.3 | <u>7.07</u> .0 | <u>12.8</u> 12.8 | <u>49.6</u> 48.7 | <u>51.3</u> 50.7 | <u>5.04</u> .4 | No Impact No Impact |
| <u>R40</u> R40 | <u>22</u> | <u>11</u> | <u>46.1</u> 46.1 | <u>7.17</u> .1 | <u>13.0</u> 13.0 | <u>50.1</u> 49.3 | <u>51.6</u> 51.0 | <u>5.54</u> .9 | No Impact No Impact |
| <u>R41</u> R41 | <u>22</u> | <u>11</u> | <u>45.8</u> 45.8 | <u>7.37</u> .3 | <u>13.2</u> 13.2 | <u>51.7</u> 50.4 | <u>52.7</u> 51.7 | <u>6.95</u> .9 | No Impact No Impact |
| <u>R42</u> R42 | <u>22</u> | <u>11</u> | <u>45.6</u> 45.6 | <u>7.47</u> .4 | <u>13.4</u> 13.4 | <u>51.7</u> 50.4 | <u>52.7</u> 51.6 | <u>7.16</u> .0 | No Impact No Impact |
| <u>R43</u> R43 | <u>22</u> | <u>11</u> | <u>47.5</u> 47.5 | <u>6.36</u> .3 | <u>11.9</u> 11.9 | <u>54.8</u> 54.3 | <u>55.5</u> 55.1 | <u>8.07</u> .6 | Moderate Moderate |
| <u>R44</u> R44 | <u>22</u> | <u>11</u> | <u>47.5</u> 47.5 | <u>6.36</u> .3 | <u>11.9</u> 11.9 | <u>55</u> 54.5 | <u>55.7</u> 55.3 | <u>8.27</u> .8 | Moderate Moderate |
| <u>R45</u> R45 | <u>22</u> | <u>11</u> | <u>46.8</u> 46.8 | <u>6.76</u> .7 | <u>12.4</u> 12.4 | <u>41.8</u> 41.7 | <u>48.0</u> 48.0 | <u>1.21</u> .2 | No Impact No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|---------------------------|-------------------------|-------------------------|--|---------------------------|-----------------------------|--|---|-----------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R46</u> R46 | <u>22</u> 22 | <u>11</u> 11 | <u>46.5</u> 46.5 | <u>6.9</u> 6.9 | <u>12.7</u> 12.7 | <u>46.7</u> 46.4 | <u>49.6</u> 49.5 | <u>3.1</u> 3.0 | <u>No Impact</u> No Impact |
| <u>R47</u> R47 | <u>22</u> 22 | <u>11</u> 11 | <u>46.3</u> 46.3 | <u>7.0</u> 7.0 | <u>12.8</u> 12.8 | <u>46.7</u> 46 | <u>49.5</u> 49.2 | <u>3.2</u> 2.9 | <u>No Impact</u> No Impact |
| <u>R48</u> R48 | <u>22</u> 22 | <u>11</u> 11 | <u>46.0</u> 46.0 | <u>7.2</u> 7.2 | <u>13.1</u> 13.1 | <u>48.3</u> 46.9 | <u>50.3</u> 49.5 | <u>4.3</u> 3.5 | <u>No Impact</u> No Impact |
| <u>R49</u> R49 | <u>22</u> 22 | <u>11</u> 11 | <u>45.7</u> 45.7 | <u>7.3</u> 7.3 | <u>13.3</u> 13.3 | <u>47.6</u> 46.7 | <u>49.8</u> 49.2 | <u>4.1</u> 3.5 | <u>No Impact</u> No Impact |
| <u>R50</u> R50 | <u>22</u> 22 | <u>11</u> 11 | <u>45.5</u> 45.5 | <u>7.5</u> 7.5 | <u>13.5</u> 13.5 | <u>51</u> 49.1 | <u>52.1</u> 50.7 | <u>6.6</u> 5.2 | <u>No Impact</u> No Impact |
| <u>R51</u> R51 | <u>22</u> 22 | <u>11</u> 11 | <u>47.0</u> 47.0 | <u>6.6</u> 6.6 | <u>12.3</u> 12.3 | <u>56.3</u> 55.5 | <u>56.8</u> 56.1 | <u>9.8</u> 9.1 | <u>Moderate</u> Moderate |
| <u>R52</u> R52 | <u>22</u> 22 | <u>11</u> 11 | <u>46.9</u> 46.9 | <u>6.6</u> 6.6 | <u>12.3</u> 12.3 | <u>57.5</u> 56.4 | <u>57.9</u> 56.9 | <u>11.0</u> 10.0 | <u>Moderate</u> Moderate |
| <u>R53</u> R53 | <u>22</u> 22 | <u>11</u> 11 | <u>46.8</u> 46.8 | <u>6.7</u> 6.7 | <u>12.4</u> 12.4 | <u>58.1</u> 56.9 | <u>58.4</u> 57.3 | <u>11.6</u> 10.5 | <u>Moderate</u> Moderate |
| <u>R54</u> R54 | <u>22</u> 22 | <u>11</u> 11 | <u>46.6</u> 46.6 | <u>6.8</u> 6.8 | <u>12.6</u> 12.6 | <u>57.7</u> 56.7 | <u>58.0</u> 57.1 | <u>11.4</u> 10.5 | <u>Moderate</u> Moderate |
| <u>R55</u> R55 | <u>22</u> 22 | <u>11</u> 11 | <u>46.5</u> 46.5 | <u>6.9</u> 6.9 | <u>12.7</u> 12.7 | <u>58.8</u> 57.8 | <u>59.0</u> 58.1 | <u>12.5</u> 11.6 | <u>Moderate</u> Moderate |
| <u>R56</u> R56 | <u>22</u> 22 | <u>11</u> 11 | <u>46.3</u> 46.3 | <u>7.0</u> 7.0 | <u>12.8</u> 12.8 | <u>58.3</u> 57.3 | <u>58.6</u> 57.6 | <u>12.3</u> 11.3 | <u>Moderate</u> Moderate |
| <u>R57</u> R57 | <u>22</u> 22 | <u>11</u> 11 | <u>46.2</u> 46.2 | <u>7.0</u> 7.0 | <u>12.9</u> 12.9 | <u>58.6</u> 57.5 | <u>58.8</u> 57.8 | <u>12.6</u> 11.6 | <u>Moderate</u> Moderate |
| <u>R58</u> R58 | <u>22</u> 22 | <u>11</u> 11 | <u>46.4</u> 46.4 | <u>6.9</u> 6.9 | <u>12.7</u> 12.7 | <u>47.8</u> 47.5 | <u>50.2</u> 50.0 | <u>3.8</u> 3.6 | <u>No Impact</u> No Impact |
| <u>R59</u> R59 | <u>22</u> 22 | <u>11</u> 11 | <u>46.0</u> 46.0 | <u>7.2</u> 7.2 | <u>13.1</u> 13.1 | <u>47</u> 46.8 | <u>49.5</u> 49.4 | <u>3.5</u> 3.4 | <u>No Impact</u> No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|---------------------------|-------------------|-----------|--|---------------------------|-----------------------------|--|---|----------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R60</u> R60 | <u>22</u> | <u>11</u> | <u>45.8</u> 45.8 | <u>7.3</u> 7.3 | <u>13.2</u> 13.2 | <u>45.6</u> 45.4 | <u>48.7</u> 48.6 | <u>2.9</u> 2.8 | <u>No Impact</u> No Impact |
| <u>R61</u> R61 | <u>22</u> | <u>11</u> | <u>45.7</u> 45.7 | <u>7.3</u> 7.3 | <u>13.3</u> 13.3 | <u>52.8</u> 51.2 | <u>53.6</u> 52.3 | <u>7.9</u> 6.6 | <u>Moderate</u> No Impact |
| <u>R62</u> R62 | <u>22</u> | <u>11</u> | <u>45.8</u> 45.8 | <u>7.3</u> 7.3 | <u>13.2</u> 13.2 | <u>52.4</u> 51 | <u>53.3</u> 52.1 | <u>7.5</u> 6.3 | <u>Moderate</u> No Impact |
| <u>R63</u> R63 | <u>22</u> | <u>11</u> | <u>45.7</u> 45.7 | <u>7.3</u> 7.3 | <u>13.3</u> 13.3 | <u>49.3</u> 48 | <u>50.9</u> 50.0 | <u>5.2</u> 4.3 | <u>No Impact</u> No Impact |
| <u>R64</u> R64 | <u>22</u> | <u>11</u> | <u>45.7</u> 45.7 | <u>7.3</u> 7.3 | <u>13.3</u> 13.3 | <u>48.4</u> 47.8 | <u>50.3</u> 49.9 | <u>4.6</u> 4.2 | <u>No Impact</u> No Impact |
| <u>R65</u> R65 | <u>22</u> | <u>11</u> | <u>45.7</u> 45.7 | <u>7.3</u> 7.3 | <u>13.3</u> 13.3 | <u>55.9</u> 54.7 | <u>56.3</u> 55.2 | <u>10.6</u> 9.5 | <u>Moderate</u> Moderate |
| <u>R66</u> R66 | <u>22</u> | <u>11</u> | <u>45.0</u> 45.0 | <u>7.8</u> 7.8 | <u>13.9</u> 13.9 | <u>51.6</u> 50.5 | <u>52.5</u> 51.6 | <u>7.5</u> 6.6 | <u>No Impact</u> No Impact |
| <u>R67</u> R67 | <u>22</u> | <u>11</u> | <u>45.0</u> 45.0 | <u>7.8</u> 7.8 | <u>13.9</u> 13.9 | <u>38.6</u> 37.9 | <u>45.9</u> 45.8 | <u>0.9</u> 0.8 | <u>No Impact</u> No Impact |
| <u>R68</u> R68 | <u>22</u> | <u>11</u> | <u>45.1</u> 45.1 | <u>7.7</u> 7.7 | <u>13.8</u> 13.8 | <u>51.6</u> 50.5 | <u>52.5</u> 51.6 | <u>7.4</u> 6.5 | <u>No Impact</u> No Impact |
| <u>R69</u> R69 | <u>22</u> | <u>11</u> | <u>44.9</u> 44.9 | <u>7.9</u> 7.9 | <u>14.0</u> 14.0 | <u>50.7</u> 49.7 | <u>51.7</u> 50.9 | <u>6.8</u> 6.0 | <u>No Impact</u> No Impact |
| <u>R70</u> R70 | <u>22</u> | <u>11</u> | <u>44.5</u> 44.5 | <u>8.1</u> 8.1 | <u>14.4</u> 14.4 | <u>50.2</u> 49.2 | <u>51.2</u> 50.5 | <u>6.7</u> 6.0 | <u>No Impact</u> No Impact |
| <u>R71</u> R71 | <u>22</u> | <u>11</u> | <u>44.6</u> 44.6 | <u>8.1</u> 8.1 | <u>14.3</u> 14.3 | <u>46</u> 44.8 | <u>48.4</u> 47.7 | <u>3.8</u> 3.1 | <u>No Impact</u> No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|---------------------------|-------------------|-----------|--|---------------------------|-----------------------------|--|---|---------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R72</u> R72 | <u>22</u> | <u>11</u> | <u>44.1</u> 44.1 | <u>8.4</u> 8.4 | <u>14.7</u> 14.7 | <u>40.9</u> 40.6 | <u>45.8</u> 45.7 | <u>1.7</u> 1.6 | <u>No Impact</u> No Impact |
| <u>R73</u> R73 | <u>22</u> | <u>11</u> | <u>44.3</u> 44.3 | <u>8.3</u> 8.3 | <u>14.5</u> 14.5 | <u>51.5</u> 50.1 | <u>51.8</u> 51.1 | <u>7.5</u> 6.8 | <u>No Impact</u> No Impact |
| <u>R74</u> R74 | <u>22</u> | <u>11</u> | <u>43.9</u> 43.9 | <u>8.5</u> 8.5 | <u>14.8</u> 14.8 | <u>42.9</u> 42.4 | <u>46.4</u> 46.2 | <u>2.5</u> 2.3 | <u>No Impact</u> No Impact |
| <u>R75</u> R75 | <u>22</u> | <u>11</u> | <u>44.3</u> 44.3 | <u>8.3</u> 8.3 | <u>14.5</u> 14.5 | <u>40.9</u> 40.6 | <u>45.9</u> 45.8 | <u>1.6</u> 1.5 | <u>No Impact</u> No Impact |
| <u>R76</u> R76 | <u>22</u> | <u>11</u> | <u>44.1</u> 44.1 | <u>8.4</u> 8.4 | <u>14.7</u> 14.7 | <u>47.7</u> 46.2 | <u>49.3</u> 48.3 | <u>5.2</u> 4.2 | <u>No Impact</u> No Impact |
| <u>R77</u> R77 | <u>22</u> | <u>11</u> | <u>44.2</u> 44.2 | <u>8.3</u> 8.3 | <u>14.6</u> 14.6 | <u>49.3</u> 48.2 | <u>50.5</u> 49.7 | <u>6.3</u> 5.5 | <u>No Impact</u> No Impact |
| <u>R78</u> R78 | <u>22</u> | <u>11</u> | <u>43.6</u> 43.6 | <u>8.8</u> 8.8 | <u>14.9</u> 14.9 | <u>45.3</u> 43.8 | <u>47.5</u> 46.7 | <u>3.9</u> 3.1 | <u>No Impact</u> No Impact |
| <u>R79</u> R79 | <u>22</u> | <u>11</u> | <u>43.7</u> 43.7 | <u>8.7</u> 8.7 | <u>14.8</u> 14.8 | <u>49.9</u> 48.7 | <u>50.8</u> 49.9 | <u>7.1</u> 6.2 | <u>No Impact</u> No Impact |
| <u>R80</u> R80 | <u>22</u> | <u>11</u> | <u>43.9</u> 43.9 | <u>8.5</u> 8.5 | <u>14.8</u> 14.8 | <u>52.8</u> 51.3 | <u>53.3</u> 52.0 | <u>9.4</u> 8.1 | <u>Moderate</u> No Impact |
| <u>R81</u> R81 | <u>22</u> | <u>11</u> | <u>48.9</u> 48.9 | <u>5.5</u> 5.5 | <u>10.8</u> 10.8 | <u>49.7</u> 48.6 | <u>52.3</u> 51.8 | <u>3.4</u> 2.9 | <u>No Impact</u> No Impact |
| <u>R82</u> R82 | <u>22</u> | <u>11</u> | <u>49.0</u> 49.0 | <u>5.5</u> 5.5 | <u>10.7</u> 10.7 | <u>43.5</u> 42.6 | <u>50.1</u> 49.9 | <u>1.1</u> 1.0 | <u>No Impact</u> No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|---------------------------|-------------------|-----------|--|---------------------------|-----------------------------|--|---|---------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R83</u> R83 | <u>22</u> | <u>11</u> | <u>49.2</u> 49.2 | <u>5.4</u> 5.4 | <u>10.6</u> 10.6 | <u>45.6</u> 44.7 | <u>50.8</u> 50.5 | <u>1.6</u> 1.3 | <u>No Impact</u> No Impact |
| <u>R84</u> R84 | <u>22</u> | <u>11</u> | <u>44.9</u> 44.9 | <u>7.9</u> 7.9 | <u>14.0</u> 14.0 | <u>51.6</u> 50.1 | <u>52.4</u> 51.2 | <u>7.5</u> 6.3 | <u>No Impact</u> No Impact |
| <u>R85</u> R85 | <u>22</u> | <u>11</u> | <u>44.8</u> 44.8 | <u>7.9</u> 7.9 | <u>14.1</u> 14.1 | <u>51.3</u> 49.7 | <u>52.2</u> 50.9 | <u>7.4</u> 6.1 | <u>No Impact</u> No Impact |
| <u>R86</u> R86 | <u>22</u> | <u>11</u> | <u>44.8</u> 44.8 | <u>7.9</u> 7.9 | <u>14.1</u> 14.1 | <u>51.8</u> 50.2 | <u>52.6</u> 51.3 | <u>7.8</u> 6.5 | <u>No Impact</u> No Impact |
| <u>R87</u> R87 | <u>22</u> | <u>11</u> | <u>50.3</u> 50.3 | <u>4.9</u> 4.9 | <u>9.8</u> 9.8 | <u>53.3</u> 51.9 | <u>55.1</u> 54.2 | <u>4.8</u> 3.9 | <u>No Impact</u> No Impact |
| <u>R88</u> R88 | <u>22</u> | <u>11</u> | <u>49.8</u> 49.8 | <u>5.1</u> 5.1 | <u>10.2</u> 10.2 | <u>48.3</u> 47.2 | <u>52.1</u> 51.7 | <u>2.3</u> 1.9 | <u>No Impact</u> No Impact |
| <u>R89</u> R89 | <u>22</u> | <u>11</u> | <u>48.8</u> 48.8 | <u>5.6</u> 5.6 | <u>10.9</u> 10.9 | <u>49.3</u> 48 | <u>52.1</u> 51.4 | <u>3.3</u> 2.6 | <u>No Impact</u> No Impact |
| <u>R90</u> R90 | <u>22</u> | <u>11</u> | <u>49.2</u> 49.2 | <u>5.4</u> 5.4 | <u>10.6</u> 10.6 | <u>48.9</u> 47.5 | <u>52.1</u> 51.4 | <u>2.9</u> 2.2 | <u>No Impact</u> No Impact |
| <u>R91</u> R91 | <u>22</u> | <u>11</u> | <u>49.4</u> 49.4 | <u>5.3</u> 5.3 | <u>10.5</u> 10.5 | <u>44.3</u> 43.7 | <u>50.6</u> 50.4 | <u>1.2</u> 1.0 | <u>No Impact</u> No Impact |
| <u>R92</u> R92 | <u>22</u> | <u>11</u> | <u>49.5</u> 49.5 | <u>5.2</u> 5.2 | <u>10.4</u> 10.4 | <u>49.1</u> 48.1 | <u>52.3</u> 51.9 | <u>2.8</u> 2.4 | <u>No Impact</u> No Impact |
| <u>R93</u> R93 | <u>22</u> | <u>11</u> | <u>49.6</u> 49.6 | <u>5.2</u> 5.2 | <u>10.3</u> 10.3 | <u>47.8</u> 46.4 | <u>51.8</u> 51.3 | <u>2.2</u> 1.7 | <u>No Impact</u> No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|------------------|-------------------|-----------|--|------------------|------------------|--|---|----------------|------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R94</u> R94 | <u>22</u> | <u>11</u> | <u>49.8</u> 49.8 | <u>5.15</u> .1 | <u>10.2</u> 10.2 | <u>49</u> 47.7 | <u>52.4</u> 51.9 | <u>2.62</u> .1 | No Impact No Impact |
| <u>R95</u> R95 | <u>22</u> | <u>11</u> | <u>49.9</u> 49.9 | <u>5.05</u> .0 | <u>10.1</u> 10.1 | <u>52</u> 50.4 | <u>54.1</u> 53.2 | <u>4.23</u> .3 | No Impact No Impact |
| <u>R96</u> R96 | <u>22</u> | <u>11</u> | <u>48.9</u> 48.9 | <u>5.55</u> .5 | <u>10.8</u> 10.8 | <u>45.2</u> 44.9 | <u>50.4</u> 50.4 | <u>1.51</u> .5 | No Impact No Impact |
| <u>R97</u> R97 | <u>22</u> | <u>11</u> | <u>49.0</u> 49.0 | <u>5.55</u> .5 | <u>10.7</u> 10.7 | <u>48</u> 46.6 | <u>51.5</u> 51.0 | <u>2.52</u> .0 | No Impact No Impact |
| <u>R98</u> R98 | <u>22</u> | <u>11</u> | <u>49.2</u> 49.2 | <u>5.45</u> .4 | <u>10.6</u> 10.6 | <u>47.9</u> 47 | <u>51.6</u> 51.2 | <u>2.42</u> .0 | No Impact No Impact |
| <u>R99</u> R99 | <u>22</u> | <u>11</u> | <u>49.2</u> 49.2 | <u>5.45</u> .4 | <u>10.6</u> 10.6 | <u>48.8</u> 47.1 | <u>52.0</u> 51.3 | <u>2.82</u> .1 | No Impact No Impact |
| <u>R100</u> R100 | <u>22</u> | <u>11</u> | <u>49.4</u> 49.4 | <u>5.35</u> .3 | <u>10.5</u> 10.5 | <u>40.5</u> 39.8 | <u>49.9</u> 49.9 | <u>0.50</u> .5 | No Impact No Impact |
| <u>R101</u> R101 | <u>22</u> | <u>11</u> | <u>50.0</u> 50.0 | <u>5.05</u> .0 | <u>10.0</u> 10.0 | <u>49.5</u> 48.8 | <u>52.8</u> 52.5 | <u>2.82</u> .5 | No Impact No Impact |
| <u>R102</u> R102 | <u>22</u> | <u>11</u> | <u>50.0</u> 50.0 | <u>5.05</u> .0 | <u>10.0</u> 10.0 | <u>48.7</u> 47.4 | <u>52.4</u> 51.9 | <u>2.41</u> .9 | No Impact No Impact |
| <u>R103</u> R103 | <u>22</u> | <u>11</u> | <u>50.1</u> 50.1 | <u>5.05</u> .0 | <u>10.0</u> 10.0 | <u>47.9</u> 47.1 | <u>52.1</u> 51.9 | <u>2.01</u> .8 | No Impact No Impact |
| <u>R104</u> R104 | <u>22</u> | <u>11</u> | <u>50.3</u> 50.3 | <u>4.94</u> .9 | <u>9.89</u> .8 | <u>49.2</u> 47.9 | <u>52.8</u> 52.3 | <u>2.52</u> .0 | No Impact No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|-----------------------------|-------------------------|-------------------------|--|---------------------------|---------------------------|--|---|---------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R105</u> R105 | <u>22</u> 22 | <u>11</u> 11 | <u>50.5</u> 50.5 | <u>4.8</u> 4.8 | <u>9.7</u> 9.7 | <u>48.7</u> 47.7 | <u>52.7</u> 52.3 | <u>2.2</u> 1.8 | <u>No Impact</u> No Impact |
| <u>R106</u> R106 | <u>22</u> 22 | <u>11</u> 11 | <u>50.7</u> 50.7 | <u>4.7</u> 4.7 | <u>9.6</u> 9.6 | <u>49.3</u> 48.8 | <u>53.1</u> 52.9 | <u>2.4</u> 2.2 | <u>No Impact</u> No Impact |
| <u>R107</u> R107 | <u>22</u> 22 | <u>11</u> 11 | <u>51.2</u> 51.2 | <u>4.5</u> 4.5 | <u>9.3</u> 9.3 | <u>55.5</u> 54.7 | <u>56.9</u> 56.3 | <u>5.7</u> 5.1 | <u>Moderate</u> Moderate |
| <u>R108</u> R108 | <u>22</u> 22 | <u>11</u> 11 | <u>51.2</u> 51.2 | <u>4.5</u> 4.5 | <u>9.3</u> 9.3 | <u>54.1</u> 53.3 | <u>55.9</u> 55.4 | <u>4.7</u> 4.2 | <u>Moderate</u> No Impact |
| <u>R109</u> R109 | <u>22</u> 22 | <u>11</u> 11 | <u>50.9</u> 50.9 | <u>4.6</u> 4.6 | <u>9.4</u> 9.4 | <u>52.5</u> 52 | <u>54.8</u> 54.5 | <u>3.9</u> 3.6 | <u>No Impact</u> No Impact |
| <u>R110</u> R110 | <u>22</u> 22 | <u>11</u> 11 | <u>50.8</u> 50.8 | <u>4.6</u> 4.6 | <u>9.5</u> 9.5 | <u>54.9</u> 53.6 | <u>56.3</u> 55.4 | <u>5.5</u> 4.6 | <u>Moderate</u> No Impact |
| <u>R111</u> R111 | <u>22</u> 22 | <u>11</u> 11 | <u>50.7</u> 50.7 | <u>4.7</u> 4.7 | <u>9.6</u> 9.6 | <u>51.6</u> 50.9 | <u>54.2</u> 53.8 | <u>3.5</u> 3.1 | <u>No Impact</u> No Impact |
| <u>R112</u> R112 | <u>22</u> 22 | <u>11</u> 11 | <u>50.6</u> 50.6 | <u>4.7</u> 4.7 | <u>9.6</u> 9.6 | <u>52.2</u> 51.1 | <u>54.5</u> 53.9 | <u>3.9</u> 3.3 | <u>No Impact</u> No Impact |
| <u>R113</u> R113 | <u>22</u> 22 | <u>11</u> 11 | <u>51.8</u> 51.8 | <u>4.2</u> 4.2 | <u>8.9</u> 8.9 | <u>53.1</u> 53 | <u>55.5</u> 55.5 | <u>3.7</u> 3.7 | <u>No Impact</u> No Impact |
| <u>R114</u> R114 | <u>22</u> 22 | <u>11</u> 11 | <u>51.6</u> 51.6 | <u>4.3</u> 4.3 | <u>9.0</u> 9.0 | <u>50.9</u> 50.8 | <u>54.3</u> 54.2 | <u>2.7</u> 2.6 | <u>No Impact</u> No Impact |
| <u>R115</u> R115 | <u>22</u> 22 | <u>11</u> 11 | <u>51.3</u> 51.3 | <u>4.4</u> 4.4 | <u>9.2</u> 9.2 | <u>49.1</u> 49 | <u>53.3</u> 53.3 | <u>2.0</u> 2.0 | <u>No Impact</u> No Impact |
| <u>R116</u> R116 | <u>22</u> 22 | <u>11</u> 11 | <u>51.1</u> 51.1 | <u>4.5</u> 4.5 | <u>9.3</u> 9.3 | <u>49.6</u> 49.5 | <u>53.4</u> 53.4 | <u>2.3</u> 2.3 | <u>No Impact</u> No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|-----------------------------|-------------------|-----------|--|-----------------------------|-----------------------------|--|---|---------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R117</u> R117 | <u>22</u> | <u>11</u> | <u>51.0</u> 51.0 | <u>4.6</u> 4.6 | <u>9.4</u> 9.4 | <u>47.3</u> 47.2 | <u>52.5</u> 52.5 | <u>1.5</u> 1.5 | <u>No Impact</u> No Impact |
| <u>R118</u> R118 | <u>22</u> | <u>11</u> | <u>50.3</u> 50.3 | <u>4.9</u> 4.9 | <u>9.8</u> 9.8 | <u>45.9</u> 45.7 | <u>51.6</u> 51.6 | <u>1.3</u> 1.3 | <u>No Impact</u> No Impact |
| <u>R119</u> R119 | <u>22</u> | <u>11</u> | <u>50.0</u> 50.0 | <u>5.0</u> 5.0 | <u>10.0</u> 10.0 | <u>49.7</u> 48.5 | <u>52.9</u> 52.3 | <u>2.9</u> 2.3 | <u>No Impact</u> No Impact |
| <u>R120</u> R120 | <u>22</u> | <u>11</u> | <u>49.8</u> 49.8 | <u>5.1</u> 5.1 | <u>10.2</u> 10.2 | <u>45.4</u> 43.6 | <u>51.0</u> 50.7 | <u>1.2</u> 0.9 | <u>No Impact</u> No Impact |
| <u>R121</u> R121 | <u>22</u> | <u>11</u> | <u>49.8</u> 49.8 | <u>5.1</u> 5.1 | <u>10.2</u> 10.2 | <u>45.8</u> 44.2 | <u>51.3</u> 50.9 | <u>1.5</u> 1.1 | <u>No Impact</u> No Impact |
| <u>R122</u> R122 | <u>22</u> | <u>11</u> | <u>50.0</u> 50.0 | <u>5.0</u> 5.0 | <u>10.0</u> 10.0 | <u>49.8</u> 48.9 | <u>52.9</u> 52.5 | <u>2.9</u> 2.5 | <u>No Impact</u> No Impact |
| <u>R123</u> R123 | <u>22</u> | <u>11</u> | <u>50.1</u> 50.1 | <u>5.0</u> 5.0 | <u>10.0</u> 10.0 | <u>49.7</u> 48.8 | <u>52.9</u> 52.5 | <u>2.8</u> 2.4 | <u>No Impact</u> No Impact |
| <u>R124</u> R124 | <u>22</u> | <u>11</u> | <u>50.2</u> 50.2 | <u>4.9</u> 4.9 | <u>9.9</u> 9.9 | <u>50.6</u> 49.1 | <u>53.4</u> 52.7 | <u>3.2</u> 2.5 | <u>No Impact</u> No Impact |
| <u>R125</u> R125 | <u>22</u> | <u>11</u> | <u>41.5</u> 41.5 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>49.4</u> 48.6 | <u>49.7</u> 49.4 | <u>8.2</u> 7.9 | <u>No Impact</u> No Impact |
| <u>R126</u> R126 | <u>22</u> | <u>11</u> | <u>41.9</u> 41.9 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>48.3</u> 47.9 | <u>49.2</u> 48.9 | <u>7.3</u> 7.0 | <u>No Impact</u> No Impact |
| <u>R127</u> R127 | <u>22</u> | <u>11</u> | <u>42.0</u> 42.0 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>41.6</u> 40.9 | <u>44.8</u> 44.5 | <u>2.8</u> 2.5 | <u>No Impact</u> No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|-----------------------------|-------------------|-----------|--|-----------------------------|-----------------------------|--|---|---------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R128</u> R128 | <u>22</u> | <u>11</u> | <u>41.5</u> 41.5 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>31.5</u> 31.3 | <u>41.9</u> 41.9 | <u>0.4</u> 0.4 | <u>No Impact</u> No Impact |
| <u>R129</u> R129 | <u>22</u> | <u>11</u> | <u>41.2</u> 41.2 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>30.3</u> 30.3 | <u>41.5</u> 41.5 | <u>0.3</u> 0.3 | <u>No Impact</u> No Impact |
| <u>R130</u> R130 | <u>22</u> | <u>11</u> | <u>41.0</u> 41.0 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>31.9</u> 31.5 | <u>41.5</u> 41.5 | <u>0.5</u> 0.5 | <u>No Impact</u> No Impact |
| <u>R131</u> R131 | <u>22</u> | <u>11</u> | <u>40.7</u> 40.7 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>34.4</u> 33.9 | <u>41.5</u> 41.5 | <u>0.9</u> 0.8 | <u>No Impact</u> No Impact |
| <u>R132</u> R132 | <u>22</u> | <u>11</u> | <u>40.5</u> 40.5 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>34.7</u> 34.6 | <u>41.5</u> 41.5 | <u>1.0</u> 1.0 | <u>No Impact</u> No Impact |
| <u>R133</u> R133 | <u>22</u> | <u>11</u> | <u>49.2</u> 49.2 | <u>5.4</u> 5.4 | <u>10.6</u> 10.6 | <u>39.7</u> 37.9 | <u>49.5</u> 49.5 | <u>0.4</u> 0.3 | <u>No Impact</u> No Impact |
| <u>R134</u> R134 | <u>22</u> | <u>11</u> | <u>49.1</u> 49.1 | <u>5.4</u> 5.4 | <u>10.7</u> 10.7 | <u>45.2</u> 43.7 | <u>50.6</u> 50.2 | <u>1.5</u> 1.1 | <u>No Impact</u> No Impact |
| <u>R135</u> R135 | <u>22</u> | <u>11</u> | <u>40.2</u> 40.2 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>32.5</u> 32 | <u>40.9</u> 40.8 | <u>0.7</u> 0.6 | <u>No Impact</u> No Impact |
| <u>R136</u> R136 | <u>22</u> | <u>11</u> | <u>40.4</u> 40.4 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>31.4</u> 31.3 | <u>40.9</u> 40.9 | <u>0.5</u> 0.5 | <u>No Impact</u> No Impact |
| <u>R137</u> R137 | <u>22</u> | <u>11</u> | <u>40.5</u> 40.5 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>31.5</u> 31.1 | <u>41.0</u> 41.0 | <u>0.5</u> 0.5 | <u>No Impact</u> No Impact |
| <u>R138</u> R138 | <u>22</u> | <u>11</u> | <u>40.7</u> 40.7 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>30.5</u> 30.2 | <u>41.1</u> 41.1 | <u>0.4</u> 0.4 | <u>No Impact</u> No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|-----------------------------|-------------------|-------------------------|--|-----------------------------|-----------------------------|--|---|---------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R139</u> R139 | <u>22</u> | <u>11</u> | <u>40.8</u> 40.8 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>30.2</u> 30.1 | <u>41.2</u> 41.2 | <u>0.4</u> 0.4 | <u>No Impact</u> No Impact |
| <u>R140</u> R140 | <u>22</u> | <u>11</u> | <u>41.0</u> 41.0 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>30.2</u> 29.9 | <u>41.3</u> 41.3 | <u>0.3</u> 0.3 | <u>No Impact</u> No Impact |
| <u>R141</u> R141 | <u>22</u> | <u>11</u> | <u>41.2</u> 41.2 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>29.6</u> 29.4 | <u>41.5</u> 41.5 | <u>0.3</u> 0.3 | <u>No Impact</u> No Impact |
| <u>R142</u> R142 | <u>22</u> | <u>11</u> | <u>41.4</u> 41.4 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>29.5</u> 29.3 | <u>41.7</u> 41.7 | <u>0.3</u> 0.3 | <u>No Impact</u> No Impact |
| <u>R143</u> R143 | <u>22</u> | <u>11</u> | <u>41.5</u> 41.5 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>29.4</u> 29.2 | <u>41.7</u> 41.7 | <u>0.2</u> 0.2 | <u>No Impact</u> No Impact |
| <u>R144</u> R144 | <u>22</u> | <u>11</u> | <u>41.8</u> 41.8 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>30.7</u> 30.2 | <u>42.1</u> 42.1 | <u>0.3</u> 0.3 | <u>No Impact</u> No Impact |
| <u>R145</u> R145 | <u>22</u> | <u>11</u> | <u>42.3</u> 42.3 | <u>10.0</u> 10.0 | <u>15.0</u> 15.0 | <u>21.2</u> 21.6 | <u>42.3</u> 42.3 | <u>0.0</u> 0.0 | <u>No Impact</u> No Impact |
| <u>R146</u> R146 | <u>22</u> | <u>12</u> 12 | <u>47.9</u> 47.9 | <u>6.1</u> 6.1 | <u>11.6</u> 11.6 | <u>26</u> 25.8 | <u>47.9</u> 47.9 | <u>0.0</u> 0.0 | <u>No Impact</u> No Impact |
| <u>R147</u> R147 | <u>22</u> | <u>12</u> 12 | <u>48.6</u> 48.6 | <u>5.7</u> 5.7 | <u>11.0</u> 11.0 | <u>27.2</u> 26.2 | <u>48.6</u> 48.6 | <u>0.0</u> 0.0 | <u>No Impact</u> No Impact |
| <u>R148</u> R148 | <u>22</u> | <u>12</u> 12 | <u>47.4</u> 47.4 | <u>6.3</u> 6.3 | <u>11.9</u> 11.9 | <u>29.2</u> 28.8 | <u>47.5</u> 47.5 | <u>0.1</u> 0.1 | <u>No Impact</u> No Impact |
| <u>R149</u> R149 | <u>22</u> | <u>12</u> 12 | <u>49.0</u> 49.0 | <u>5.5</u> 5.5 | <u>10.7</u> 10.7 | <u>27.9</u> 27 | <u>49.0</u> 49.0 | <u>0.0</u> 0.0 | <u>No Impact</u> No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|-----------------------------|-------------------|-----------|--|---------------------------|-----------------------------|--|---|---------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R150</u> R150 | <u>22</u> | <u>11</u> | <u>50.4</u> 50.4 | <u>4.8</u> 4.8 | <u>9.8</u> 9.8 | <u>28.5</u> 28.1 | <u>50.4</u> 50.4 | <u>0.0</u> 0.0 | <u>No Impact</u> No Impact |
| <u>R153</u> R153 | <u>22</u> | <u>11</u> | <u>48.0</u> 48.0 | <u>6.0</u> 6.0 | <u>11.5</u> 11.5 | <u>28.2</u> 27.9 | <u>48.0</u> 48.0 | <u>0.0</u> 0.0 | <u>No Impact</u> No Impact |
| <u>R155</u> R155 | <u>22</u> | <u>11</u> | <u>50.7</u> 50.7 | <u>4.7</u> 4.7 | <u>9.6</u> 9.6 | <u>30.2</u> 29.7 | <u>50.7</u> 50.7 | <u>0.0</u> 0.0 | <u>No Impact</u> No Impact |
| <u>R157</u> R157 | <u>22</u> | <u>11</u> | <u>48.1</u> 48.1 | <u>5.9</u> 5.9 | <u>11.4</u> 11.4 | <u>29.7</u> 29.4 | <u>48.2</u> 48.2 | <u>0.1</u> 0.1 | <u>No Impact</u> No Impact |
| <u>R158</u> R158 | <u>22</u> | <u>11</u> | <u>48.6</u> 48.6 | <u>5.7</u> 5.7 | <u>11.0</u> 11.0 | <u>34.7</u> 33.2 | <u>48.7</u> 48.7 | <u>0.2</u> 0.1 | <u>No Impact</u> No Impact |
| <u>R159</u> R159 | <u>22</u> | <u>11</u> | <u>47.7</u> 47.7 | <u>6.2</u> 6.2 | <u>11.7</u> 11.7 | <u>27.6</u> 27.4 | <u>47.7</u> 47.7 | <u>0.0</u> 0.0 | <u>No Impact</u> No Impact |
| <u>R161</u> R161 | <u>22</u> | <u>11</u> | <u>46.6</u> 46.6 | <u>6.8</u> 6.8 | <u>12.6</u> 12.6 | <u>38.4</u> 37.3 | <u>47.2</u> 47.1 | <u>0.6</u> 0.5 | <u>No Impact</u> No Impact |
| <u>R164</u> R164 | <u>22</u> | <u>11</u> | <u>43.7</u> 43.7 | <u>8.7</u> 8.7 | <u>14.8</u> 14.8 | <u>41.6</u> 41.1 | <u>45.8</u> 45.6 | <u>2.1</u> 1.9 | <u>No Impact</u> No Impact |
| <u>R165</u> R165 | <u>22</u> | <u>11</u> | <u>49.0</u> 49.0 | <u>5.5</u> 5.5 | <u>10.7</u> 10.7 | <u>39.6</u> 38.2 | <u>49.5</u> 49.3 | <u>0.5</u> 0.3 | <u>No Impact</u> No Impact |
| <u>R166</u> R166 | <u>22</u> | <u>11</u> | <u>49.8</u> 49.8 | <u>5.1</u> 5.1 | <u>10.2</u> 10.2 | <u>38.5</u> 37.1 | <u>50.1</u> 50.0 | <u>0.3</u> 0.2 | <u>No Impact</u> No Impact |
| <u>R167</u> R167 | <u>22</u> | <u>44</u> | <u>53.0</u> 53.0 | <u>3.8</u> 3.8 | <u>8.2</u> 8.2 | <u>40.9</u> 40.7 | <u>53.3</u> 53.2 | <u>0.3</u> 0.2 | <u>No Impact</u> No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|-----------------------------|-------------------|-------------|--|---------------------------|-----------------------------|--|---|---------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R168</u> R168 | <u>22</u> | <u>44</u> | <u>53.0</u> 53.0 | <u>3.8</u> 3.8 | <u>8.2</u> 8.2 | <u>37.3</u> 37.1 | <u>53.1</u> 53.1 | <u>0.1</u> 0.1 | <u>No Impact</u> No Impact |
| <u>R169</u> R169 | <u>22</u> | <u>44</u> | <u>49.9</u> 49.9 | <u>5.0</u> 5.0 | <u>10.1</u> 10.1 | <u>40.5</u> 41.3 | <u>50.4</u> 50.5 | <u>0.5</u> 0.6 | <u>No Impact</u> No Impact |
| <u>R170</u> R170 | <u>22</u> | <u>88</u> | <u>49.0</u> 49.0 | <u>5.5</u> 5.5 | <u>10.7</u> 10.7 | <u>46.2</u> 46.3 | <u>50.8</u> 50.9 | <u>1.8</u> 1.9 | <u>No Impact</u> No Impact |
| <u>R171</u> R171 | <u>22</u> | <u>11</u> | <u>56.5</u> 56.5 | <u>2.8</u> 2.8 | <u>6.4</u> 6.4 | <u>40</u> 41.6 | <u>56.6</u> 56.6 | <u>0.1</u> 0.1 | <u>No Impact</u> No Impact |
| <u>R172</u> R172 | <u>22</u> | <u>11</u> | <u>57.8</u> 57.8 | <u>2.5</u> 2.5 | <u>5.8</u> 5.8 | <u>40.9</u> 42 | <u>57.9</u> 57.9 | <u>0.1</u> 0.1 | <u>No Impact</u> No Impact |
| <u>R173</u> R173 | <u>22</u> | <u>11</u> | <u>57.1</u> 57.1 | <u>2.6</u> 2.6 | <u>6.1</u> 6.1 | <u>40.7</u> 40.4 | <u>57.2</u> 57.2 | <u>0.1</u> 0.1 | <u>No Impact</u> No Impact |
| <u>R174</u> R174 | <u>22</u> | <u>11</u> | <u>58.0</u> 58.0 | <u>2.4</u> 2.4 | <u>5.8</u> 5.8 | <u>36.9</u> 36.9 | <u>58.0</u> 58.0 | <u>0.0</u> 0.0 | <u>No Impact</u> No Impact |
| <u>R175</u> R175 | <u>22</u> | <u>11</u> | <u>59.4</u> 59.4 | <u>2.1</u> 2.1 | <u>5.2</u> 5.2 | <u>36.8</u> 36.8 | <u>59.4</u> 59.4 | <u>0.0</u> 0.0 | <u>No Impact</u> No Impact |
| <u>R176</u> R176 | <u>22</u> | <u>2121</u> | <u>52.2</u> 52.2 | <u>4.1</u> 4.1 | <u>8.6</u> 8.6 | <u>58.2</u> 57.1 | <u>59.2</u> 58.3 | <u>7.0</u> 6.1 | <u>Moderate</u> Moderate |
| <u>R177</u> R177 | <u>22</u> | <u>1616</u> | <u>52.5</u> 52.5 | <u>4.0</u> 4.0 | <u>8.5</u> 8.5 | <u>44.4</u> 44.2 | <u>53.1</u> 53.1 | <u>0.6</u> 0.6 | <u>No Impact</u> No Impact |
| <u>R178</u> R178 | <u>22</u> | <u>1616</u> | <u>53.3</u> 53.3 | <u>3.7</u> 3.7 | <u>8.0</u> 8.0 | <u>40</u> 39.8 | <u>53.5</u> 53.5 | <u>0.2</u> 0.2 | <u>No Impact</u> No Impact |
| <u>R179</u> R179 | <u>22</u> | <u>1616</u> | <u>50.5</u> 50.5 | <u>4.8</u> 4.8 | <u>9.7</u> 9.7 | <u>42.3</u> 41.9 | <u>51.1</u> 51.1 | <u>0.6</u> 0.6 | <u>No Impact</u> No Impact |

Table C-1. Detailed Operational Noise Analysis Results Phase 1

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|-----------------------------|-------------------------|-------------------------|--|---------------------------|-----------------------------|--|---|-----------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| <u>R180</u> R180 | <u>22</u> 22 | <u>11</u> 11 | <u>52.5</u> 52.5 | <u>4.0</u> 4.0 | <u>8.5</u> 8.5 | <u>35.2</u> 34.6 | <u>52.6</u> 52.6 | <u>0.1</u> 0.1 | <u>No Impact</u> No Impact |
| <u>R197</u> R197 | <u>22</u> 22 | <u>21</u> 21 | <u>54.4</u> 54.4 | <u>3.3</u> 3.3 | <u>7.4</u> 7.4 | <u>47.8</u> 47.7 | <u>55.3</u> 55.2 | <u>0.9</u> 0.8 | <u>No Impact</u> No Impact |
| <u>R198</u> R198 | <u>23</u> 23 | <u>11</u> 11 | <u>46.2</u> 46.2 | <u>7.0</u> 7.0 | <u>12.9</u> 12.9 | <u>57.8</u> 56.4 | <u>58.1</u> 56.8 | <u>11.9</u> 10.6 | <u>Moderate</u> Moderate |
| <u>R199</u> R199 | <u>44</u> 44 | <u>11</u> 11 | <u>46.2</u> 46.2 | <u>7.0</u> 7.0 | <u>12.9</u> 12.9 | <u>48.6</u> 48 | <u>50.6</u> 50.2 | <u>4.4</u> 4.0 | <u>No Impact</u> No Impact |
| <u>R200</u> R200 | <u>25</u> 25 | <u>11</u> 11 | <u>46.2</u> 46.2 | <u>7.0</u> 7.0 | <u>12.9</u> 12.9 | <u>58.6</u> 57.4 | <u>58.8</u> 57.7 | <u>12.6</u> 11.5 | <u>Moderate</u> Moderate |
| <u>R201</u> R201 | <u>26</u> 26 | <u>11</u> 11 | <u>46.2</u> 46.2 | <u>7.0</u> 7.0 | <u>12.9</u> 12.9 | <u>58.2</u> 57.2 | <u>58.5</u> 57.5 | <u>12.3</u> 11.3 | <u>Moderate</u> Moderate |

Notes:

dB=decibel; L_{eq}=equivalent noise level; L_{dn}=day-night average sound level

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|----------------|------------------------|
| | | | | Moderate | Severe | | | | |
| R1 | 2 | 1 | 51.3 | 4.4 | 9.2 | <u>39.6</u> 37.4 | <u>51.6</u> 51.5 | <u>0.30</u> -2 | No Impact No Impact |
| R2 | 2 | 1 | 52.9 | 3.8 | 8.2 | <u>40</u> 37.8 | <u>53.1</u> 53.0 | <u>0.20</u> -1 | No Impact No Impact |
| R3 | 2 | 1 | 51.3 | 4.4 | 9.2 | <u>40</u> 37.9 | <u>51.6</u> 51.5 | <u>0.30</u> -2 | No Impact No Impact |
| R4 | 2 | 1 | 52.7 | 3.9 | 8.3 | <u>41.2</u> 39.0 | <u>53.0</u> 52.9 | <u>0.30</u> -2 | No Impact No Impact |
| R5 | 2 | 1 | 51.2 | 4.5 | 9.3 | <u>42.8</u> 40.7 | <u>51.8</u> 51.6 | <u>0.60</u> -4 | No Impact No Impact |
| R6 | 2 | 1 | 51.4 | 4.4 | 9.1 | <u>44.5</u> 42.1 | <u>52.2</u> 51.9 | <u>0.80</u> -5 | No Impact No Impact |
| R7 | 2 | 1 | 51.2 | 4.5 | 9.3 | <u>44.2</u> 41.9 | <u>52.0</u> 51.7 | <u>0.80</u> -5 | No Impact No Impact |
| R8 | 2 | 1 | 52.3 | 4.0 | 8.6 | <u>44.6</u> 42.3 | <u>53.0</u> 52.7 | <u>0.70</u> -4 | No Impact No Impact |
| R9 | 2 | 1 | 52.1 | 4.1 | 8.7 | <u>51.8</u> 49.6 | <u>55.0</u> 54.0 | <u>2.91</u> -9 | No Impact No Impact |
| R10 | 2 | 1 | 51.3 | 4.4 | 9.2 | <u>55</u> 52.8 | <u>56.5</u> 55.1 | <u>5.23</u> -8 | Moderate No Impact |
| R11 | 2 | 1 | 49.8 | 5.1 | 10.2 | <u>46.8</u> 44.6 | <u>51.6</u> 51.0 | <u>1.81</u> -2 | No Impact No Impact |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|----------------|------------------------|
| | | | | Moderate | Severe | | | | |
| R12 | 2 | 1 | 49.8 | 5.1 | 10.2 | <u>48.7</u> 46.4 | <u>52.3</u> 51.4 | <u>2.5</u> 1.6 | No Impact No Impact |
| R13 | 2 | 1 | 49.8 | 5.1 | 10.2 | <u>49.5</u> 47.2 | <u>52.7</u> 51.7 | <u>2.9</u> 1.9 | No Impact No Impact |
| R14 | 2 | 1 | 49.3 | 5.3 | 10.5 | <u>44.2</u> 41.8 | <u>50.5</u> 50.0 | <u>1.2</u> 0.7 | No Impact No Impact |
| R15 | 2 | 1 | 49.8 | 5.1 | 10.2 | <u>53.1</u> 51.3 | <u>54.8</u> 53.6 | <u>5.0</u> 3.8 | No Impact No Impact |
| R16 | 2 | 1 | 49.8 | 5.1 | 10.2 | <u>54.7</u> 52.4 | <u>55.9</u> 54.3 | <u>6.1</u> 4.5 | Moderate No Impact |
| R17 | 2 | 1 | 49.8 | 5.1 | 10.2 | <u>53</u> 50.8 | <u>54.7</u> 53.4 | <u>4.9</u> 3.6 | No Impact No Impact |
| R18 | 2 | 1 | 49.9 | 5.0 | 10.1 | <u>56.6</u> 54.6 | <u>57.4</u> 55.9 | <u>7.5</u> 6.0 | Moderate Moderate |
| R19 | 2 | 1 | 48.0 | 6.0 | 11.5 | <u>45.1</u> 44.7 | <u>49.8</u> 49.7 | <u>1.8</u> 1.7 | No Impact No Impact |
| R20 | 2 | 1 | 48.0 | 6.0 | 11.5 | <u>44.5</u> 44.9 | <u>49.6</u> 49.7 | <u>1.6</u> 1.7 | No Impact No Impact |
| R21 | 2 | 1 | 48.0 | 6.0 | 11.5 | <u>42.8</u> 40.6 | <u>49.1</u> 48.7 | <u>1.1</u> 0.7 | No Impact No Impact |
| R22 | 2 | 1 | 48.0 | 6.0 | 11.5 | <u>45.4</u> 45.5 | <u>49.9</u> 49.9 | <u>1.9</u> 1.9 | No Impact No Impact |
| R23 | 2 | 1 | 47.1 | 6.5 | 12.2 | <u>44.4</u> 43.5 | <u>49.0</u> 48.7 | <u>1.9</u> 1.6 | No Impact No Impact |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|---------------------------|---------------------------------------|
| | | | | Moderate | Severe | | | | |
| R24 | 2 | 1 | 48.0 | 6.0 | 11.5 | <u>48.1</u> 48.2 | <u>51.1</u> 51.1 | <u>3.1</u> 3.1 | <u>No Impact</u> No Impact |
| R25 | 2 | 1 | 47.1 | 6.5 | 12.2 | <u>50.7</u> 49.3 | <u>52.3</u> 51.4 | <u>5.2</u> 4.3 | <u>No Impact</u> No Impact |
| R26 | 2 | 1 | 48.0 | 6.0 | 11.5 | <u>47.8</u> 46.5 | <u>50.9</u> 50.3 | <u>2.9</u> 2.3 | <u>No Impact</u> No Impact |
| R27 | 2 | 1 | 48.0 | 6.0 | 11.5 | <u>52.1</u> 51.2 | <u>53.5</u> 52.9 | <u>5.5</u> 4.9 | <u>No Impact</u> No Impact |
| R28 | 2 | 1 | 48.0 | 6.0 | 11.5 | <u>53.4</u> 52.5 | <u>54.5</u> 53.8 | <u>6.5</u> 5.8 | <u>Moderate</u> No Impact |
| R29 | 2 | 1 | 47.9 | 6.1 | 11.6 | <u>54.5</u> 53.6 | <u>55.4</u> 54.6 | <u>7.5</u> 6.7 | <u>Moderate</u> Moderate |
| R30 | 2 | 1 | 46.9 | 6.6 | 12.3 | <u>50.6</u> 49.9 | <u>52.1</u> 51.7 | <u>5.2</u> 4.8 | <u>No Impact</u> No Impact |
| R31 | 2 | 1 | 46.6 | 6.8 | 12.6 | <u>50.9</u> 49.9 | <u>52.3</u> 51.6 | <u>5.7</u> 5.0 | <u>No Impact</u> No Impact |
| R32 | 2 | 1 | 46.4 | 6.9 | 12.7 | <u>51.7</u> 50.1 | <u>52.8</u> 51.7 | <u>6.4</u> 5.3 | <u>No Impact</u> No Impact |
| R33 | 2 | 1 | 46.1 | 7.1 | 13.0 | <u>52.3</u> 50.7 | <u>53.2</u> 52.0 | <u>7.1</u> 5.9 | <u>Moderate</u> No Impact |
| R34 | 2 | 1 | 47.9 | 6.1 | 11.6 | <u>50.8</u> 48.5 | <u>52.6</u> 51.2 | <u>4.7</u> 3.3 | <u>No Impact</u> No Impact |
| R35 | 2 | 1 | 47.5 | 6.3 | 11.9 | <u>50.3</u> 49.6 | <u>52.1</u> 51.7 | <u>4.6</u> 4.2 | <u>No Impact</u> No Impact |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|-----------------|----------------------------|
| | | | | Moderate | Severe | | | | |
| R36 | 2 | 1 | 47.1 | 6.5 | 12.2 | <u>53.3</u> 52.4 | <u>54.2</u> 53.5 | <u>7.1</u> 6.4 | <u>Moderate</u> No Impact |
| R37 | 2 | 1 | 46.8 | 6.7 | 12.4 | <u>48.6</u> 46.8 | <u>50.8</u> 49.8 | <u>4.0</u> 3.0 | <u>No Impact</u> No Impact |
| R38 | 2 | 1 | 46.6 | 6.8 | 12.6 | <u>49.5</u> 48.2 | <u>51.3</u> 50.5 | <u>4.7</u> 3.9 | <u>No Impact</u> No Impact |
| R39 | 2 | 1 | 46.3 | 7.0 | 12.8 | <u>50.8</u> 49.2 | <u>52.1</u> 51.0 | <u>5.8</u> 4.7 | <u>No Impact</u> No Impact |
| R40 | 2 | 1 | 46.1 | 7.1 | 13.0 | <u>51.6</u> 50.3 | <u>52.7</u> 51.7 | <u>6.6</u> 5.6 | <u>No Impact</u> No Impact |
| R41 | 2 | 1 | 45.8 | 7.3 | 13.2 | <u>52.2</u> 50.9 | <u>53.1</u> 52.1 | <u>7.3</u> 6.3 | <u>Moderate</u> No Impact |
| R42 | 2 | 1 | 45.6 | 7.4 | 13.4 | <u>52.4</u> 50.5 | <u>53.2</u> 51.7 | <u>7.6</u> 6.1 | <u>Moderate</u> No Impact |
| R43 | 2 | 1 | 47.5 | 6.3 | 11.9 | <u>56.2</u> 56.9 | <u>56.7</u> 57.3 | <u>9.2</u> 9.8 | <u>Moderate</u> Moderate |
| R44 | 2 | 1 | 47.5 | 6.3 | 11.9 | <u>56.6</u> 57.1 | <u>57.1</u> 57.5 | <u>9.6</u> 10.0 | <u>Moderate</u> Moderate |
| R45 | 2 | 1 | 46.8 | 6.7 | 12.4 | <u>46.7</u> 45.1 | <u>49.8</u> 49.0 | <u>3.0</u> 2.2 | <u>No Impact</u> No Impact |
| R46 | 2 | 1 | 46.5 | 6.9 | 12.7 | <u>48.8</u> 48.5 | <u>50.8</u> 50.6 | <u>4.3</u> 4.1 | <u>No Impact</u> No Impact |
| R47 | 2 | 1 | 46.3 | 7.0 | 12.8 | <u>47.1</u> 48.9 | <u>49.7</u> 50.8 | <u>3.4</u> 4.5 | <u>No Impact</u> No Impact |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|------------------|------------------------|
| | | | | Moderate | Severe | | | | |
| R48 | 2 | 1 | 46.0 | 7.2 | 13.1 | <u>48.3</u> 49.0 | <u>50.3</u> 50.8 | <u>4.3</u> 4.8 | No Impact No Impact |
| R49 | 2 | 1 | 45.7 | 7.3 | 13.3 | <u>48.6</u> 48.9 | <u>50.4</u> 50.6 | <u>4.7</u> 4.9 | No Impact No Impact |
| R50 | 2 | 1 | 45.5 | 7.5 | 13.5 | <u>50.3</u> 49.4 | <u>51.5</u> 50.9 | <u>6.0</u> 5.4 | No Impact No Impact |
| R51 | 2 | 1 | 47.0 | 6.6 | 12.3 | <u>56.7</u> 57.4 | <u>57.1</u> 57.8 | <u>10.1</u> 10.8 | Moderate Moderate |
| R52 | 2 | 1 | 46.9 | 6.6 | 12.3 | <u>57.3</u> 57.7 | <u>57.7</u> 58.0 | <u>10.8</u> 11.1 | Moderate Moderate |
| R53 | 2 | 1 | 46.8 | 6.7 | 12.4 | <u>57.6</u> 57.5 | <u>57.9</u> 57.9 | <u>11.1</u> 11.1 | Moderate Moderate |
| R54 | 2 | 1 | 46.6 | 6.8 | 12.6 | <u>57.6</u> 57.4 | <u>57.9</u> 57.8 | <u>11.3</u> 11.2 | Moderate Moderate |
| R55 | 2 | 1 | 46.5 | 6.9 | 12.7 | <u>58.1</u> 57.5 | <u>58.4</u> 57.8 | <u>11.9</u> 11.3 | Moderate Moderate |
| R56 | 2 | 1 | 46.3 | 7.0 | 12.8 | <u>57.5</u> 57.2 | <u>57.8</u> 57.5 | <u>11.5</u> 11.2 | Moderate Moderate |
| R57 | 2 | 1 | 46.2 | 7.0 | 12.9 | <u>57.5</u> 57.2 | <u>57.8</u> 57.5 | <u>11.6</u> 11.3 | Moderate Moderate |
| R58 | 2 | 1 | 46.4 | 6.9 | 12.7 | <u>50.4</u> 50.3 | <u>51.9</u> 51.8 | <u>5.5</u> 5.4 | No Impact No Impact |
| R59 | 2 | 1 | 46.0 | 7.2 | 13.1 | <u>49.8</u> 49.9 | <u>51.3</u> 51.4 | <u>5.3</u> 5.4 | No Impact No Impact |
| R60 | 2 | 1 | 45.8 | 7.3 | 13.2 | <u>47.9</u> 48.6 | <u>50.0</u> 50.4 | <u>4.2</u> 4.6 | No Impact No Impact |
| R61 | 2 | 1 | 45.7 | 7.3 | 13.3 | <u>52.6</u> 50.0 | <u>53.4</u> 51.4 | <u>7.7</u> 5.7 | Moderate No Impact |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|-----------------|----------------------------|
| | | | | Moderate | Severe | | | | |
| R62 | 2 | 1 | 45.8 | 7.3 | 13.2 | <u>52.6</u> 51.0 | <u>53.4</u> 52.2 | <u>7.6</u> 6.4 | <u>Moderate</u> No Impact |
| R63 | 2 | 1 | 45.7 | 7.3 | 13.3 | <u>50.9</u> 50.5 | <u>52.0</u> 51.7 | <u>6.3</u> 6.0 | <u>No Impact</u> No Impact |
| R64 | 2 | 1 | 45.7 | 7.3 | 13.3 | <u>50.8</u> 50.2 | <u>52.0</u> 51.5 | <u>6.3</u> 5.8 | <u>No Impact</u> No Impact |
| R65 | 2 | 1 | 45.7 | 7.3 | 13.3 | <u>55.2</u> 53.5 | <u>55.7</u> 54.1 | <u>10.0</u> 8.4 | <u>Moderate</u> Moderate |
| R66 | 2 | 1 | 45.0 | 7.8 | 13.9 | <u>51.8</u> 50.4 | <u>52.6</u> 51.5 | <u>7.6</u> 6.5 | <u>No Impact</u> No Impact |
| R67 | 2 | 1 | 45.0 | 7.8 | 13.9 | <u>43.4</u> 41.1 | <u>47.1</u> 46.5 | <u>2.1</u> 1.5 | <u>No Impact</u> No Impact |
| R68 | 2 | 1 | 45.1 | 7.7 | 13.8 | <u>52.8</u> 51.7 | <u>53.5</u> 52.5 | <u>8.4</u> 7.4 | <u>Moderate</u> No Impact |
| R69 | 2 | 1 | 44.9 | 7.9 | 14.0 | <u>52.5</u> 50.9 | <u>53.2</u> 51.8 | <u>8.3</u> 6.9 | <u>Moderate</u> No Impact |
| R70 | 2 | 1 | 44.5 | 8.1 | 14.4 | <u>52.5</u> 50.4 | <u>52.7</u> 51.4 | <u>8.2</u> 6.9 | <u>Moderate</u> No Impact |
| R71 | 2 | 1 | 44.6 | 8.1 | 14.3 | <u>47.9</u> 47.0 | <u>49.6</u> 49.0 | <u>5.0</u> 4.4 | <u>No Impact</u> No Impact |
| R72 | 2 | 1 | 44.1 | 8.4 | 14.7 | <u>43.6</u> 42.3 | <u>46.9</u> 46.3 | <u>2.8</u> 2.2 | <u>No Impact</u> No Impact |
| R73 | 2 | 1 | 44.3 | 8.3 | 14.5 | <u>52.5</u> 50.2 | <u>52.7</u> 51.2 | <u>8.4</u> 6.9 | <u>Moderate</u> No Impact |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|----------------|------------------------|
| | | | | Moderate | Severe | | | | |
| R74 | 2 | 1 | 43.9 | 8.5 | 14.8 | <u>49.9</u> 44.6 | <u>50.9</u> 47.3 | <u>7.0</u> 3.4 | No Impact No Impact |
| R75 | 2 | 1 | 44.3 | 8.3 | 14.5 | <u>52.2</u> 43.1 | <u>52.9</u> 46.7 | <u>8.6</u> 2.4 | Moderate No Impact |
| R76 | 2 | 1 | 44.1 | 8.4 | 14.7 | <u>52.6</u> 46.3 | <u>53.2</u> 48.3 | <u>9.1</u> 4.2 | Moderate No Impact |
| R77 | 2 | 1 | 44.2 | 8.3 | 14.6 | <u>50.5</u> 48.2 | <u>51.4</u> 49.6 | <u>7.2</u> 5.4 | No Impact No Impact |
| R78 | 2 | 1 | 43.6 | 8.8 | 14.9 | <u>46.2</u> 43.9 | <u>48.1</u> 46.8 | <u>4.5</u> 3.2 | No Impact No Impact |
| R79 | 2 | 1 | 43.7 | 8.7 | 14.8 | <u>50.4</u> 48.8 | <u>51.2</u> 50.0 | <u>7.5</u> 6.3 | No Impact No Impact |
| R80 | 2 | 1 | 43.9 | 8.5 | 14.8 | <u>52.7</u> 50.1 | <u>53.2</u> 51.0 | <u>9.3</u> 7.1 | Moderate No Impact |
| R81 | 2 | 1 | 48.9 | 5.5 | 10.8 | <u>50.1</u> 48.0 | <u>52.6</u> 51.5 | <u>3.7</u> 2.6 | No Impact No Impact |
| R82 | 2 | 1 | 49.0 | 5.5 | 10.7 | <u>45.4</u> 45.3 | <u>50.6</u> 50.5 | <u>1.6</u> 1.5 | No Impact No Impact |
| R83 | 2 | 1 | 49.2 | 5.4 | 10.6 | <u>47.4</u> 46.9 | <u>51.4</u> 51.2 | <u>2.2</u> 2.0 | No Impact No Impact |
| R84 | 2 | 1 | 44.9 | 7.9 | 14.0 | <u>51.4</u> 48.6 | <u>52.3</u> 50.1 | <u>7.4</u> 5.2 | No Impact No Impact |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|---------------------------|-----------------------------------|
| | | | | Moderate | Severe | | | | |
| R85 | 2 | 1 | 44.8 | 7.9 | 14.1 | <u>51.4</u> 48.7 | <u>52.3</u> 50.2 | <u>7.5</u> 5.4 | No Impact No Impact |
| R86 | 2 | 1 | 44.8 | 7.9 | 14.1 | <u>51.8</u> 49.4 | <u>52.6</u> 50.7 | <u>7.8</u> 5.9 | No Impact No Impact |
| R87 | 2 | 1 | 50.3 | 4.9 | 9.8 | <u>53.5</u> 50.6 | <u>54.9</u> 53.5 | <u>4.6</u> 3.2 | No Impact No Impact |
| R88 | 2 | 1 | 49.8 | 5.1 | 10.2 | <u>49.5</u> 47.9 | <u>52.7</u> 52.0 | <u>2.9</u> 2.2 | No Impact No Impact |
| R89 | 2 | 1 | 48.8 | 5.6 | 10.9 | <u>49.7</u> 48.3 | <u>52.3</u> 51.5 | <u>3.5</u> 2.7 | No Impact No Impact |
| R90 | 2 | 1 | 49.2 | 5.4 | 10.6 | <u>48.8</u> 47.8 | <u>52.0</u> 51.6 | <u>2.8</u> 2.4 | No Impact No Impact |
| R91 | 2 | 1 | 49.4 | 5.3 | 10.5 | <u>47.5</u> 45.9 | <u>51.6</u> 51.0 | <u>2.2</u> 1.6 | No Impact No Impact |
| R92 | 2 | 1 | 49.5 | 5.2 | 10.4 | <u>50.5</u> 47.7 | <u>53.0</u> 51.7 | <u>3.5</u> 2.2 | No Impact No Impact |
| R93 | 2 | 1 | 49.6 | 5.2 | 10.3 | <u>49.6</u> 47.7 | <u>52.6</u> 51.8 | <u>3.0</u> 2.2 | No Impact No Impact |
| R94 | 2 | 1 | 49.8 | 5.1 | 10.2 | <u>50.2</u> 48.1 | <u>53.0</u> 52.0 | <u>3.2</u> 2.2 | No Impact No Impact |
| R95 | 2 | 1 | 49.9 | 5.0 | 10.1 | <u>51.4</u> 48.9 | <u>53.5</u> 52.4 | <u>3.6</u> 2.5 | No Impact No Impact |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|----------------|------------------------|
| | | | | Moderate | Severe | | | | |
| R96 | 2 | 1 | 48.9 | 5.5 | 10.8 | <u>46.8</u> 45.7 | <u>51.0</u> 50.6 | <u>2.1</u> 1.7 | No Impact No Impact |
| R97 | 2 | 1 | 49.0 | 5.5 | 10.7 | <u>48.7</u> 46.1 | <u>51.9</u> 50.8 | <u>2.9</u> 1.8 | No Impact No Impact |
| R98 | 2 | 1 | 49.2 | 5.4 | 10.6 | <u>49.1</u> 46.2 | <u>52.2</u> 51.0 | <u>3.0</u> 1.8 | No Impact No Impact |
| R99 | 2 | 1 | 49.2 | 5.4 | 10.6 | <u>48.7</u> 45.9 | <u>52.0</u> 50.9 | <u>2.8</u> 1.7 | No Impact No Impact |
| R100 | 2 | 1 | 49.4 | 5.3 | 10.5 | <u>45.5</u> 43.9 | <u>50.9</u> 50.5 | <u>1.5</u> 1.1 | No Impact No Impact |
| R101 | 2 | 1 | 50.0 | 5.0 | 10.0 | <u>50.6</u> 48.3 | <u>53.3</u> 52.3 | <u>3.3</u> 2.3 | No Impact No Impact |
| R102 | 2 | 1 | 50.0 | 5.0 | 10.0 | <u>50.6</u> 48.7 | <u>53.3</u> 52.4 | <u>3.3</u> 2.4 | No Impact No Impact |
| R103 | 2 | 1 | 50.1 | 5.0 | 10.0 | <u>50.8</u> 49.0 | <u>53.5</u> 52.6 | <u>3.4</u> 2.5 | No Impact No Impact |
| R104 | 2 | 1 | 50.3 | 4.9 | 9.8 | <u>50.7</u> 48.7 | <u>53.5</u> 52.6 | <u>3.2</u> 2.3 | No Impact No Impact |
| R105 | 2 | 1 | 50.5 | 4.8 | 9.7 | <u>50.2</u> 48.8 | <u>53.4</u> 52.8 | <u>2.9</u> 2.3 | No Impact No Impact |
| R106 | 2 | 1 | 50.7 | 4.7 | 9.6 | <u>50.8</u> 49.3 | <u>53.8</u> 53.1 | <u>3.1</u> 2.4 | No Impact No Impact |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|----------------|----------------------------|
| | | | | Moderate | Severe | | | | |
| R107 | 2 | 1 | 51.2 | 4.5 | 9.3 | <u>54.4</u> 52.7 | <u>56.1</u> 55.0 | <u>4.9</u> 3.8 | <u>Moderate</u> No Impact |
| R108 | 2 | 1 | 51.2 | 4.5 | 9.3 | <u>53.4</u> 52.3 | <u>55.4</u> 54.8 | <u>4.2</u> 3.6 | <u>No Impact</u> No Impact |
| R109 | 2 | 1 | 50.9 | 4.6 | 9.4 | <u>52.6</u> 51.6 | <u>54.8</u> 54.3 | <u>3.9</u> 3.4 | <u>No Impact</u> No Impact |
| R110 | 2 | 1 | 50.8 | 4.6 | 9.5 | <u>54</u> 52.0 | <u>55.7</u> 54.5 | <u>4.9</u> 3.7 | <u>Moderate</u> No Impact |
| R111 | 2 | 1 | 50.7 | 4.7 | 9.6 | <u>52.2</u> 50.7 | <u>54.5</u> 53.7 | <u>3.8</u> 3.0 | <u>No Impact</u> No Impact |
| R112 | 2 | 1 | 50.6 | 4.7 | 9.6 | <u>52.3</u> 51.5 | <u>54.5</u> 54.1 | <u>3.9</u> 3.5 | <u>No Impact</u> No Impact |
| R113 | 2 | 1 | 51.8 | 4.2 | 8.9 | <u>52.9</u> 52.2 | <u>55.4</u> 55.0 | <u>3.6</u> 3.2 | <u>No Impact</u> No Impact |
| R114 | 2 | 1 | 51.6 | 4.3 | 9.0 | <u>52.6</u> 50.8 | <u>55.1</u> 54.2 | <u>3.5</u> 2.6 | <u>No Impact</u> No Impact |
| R115 | 2 | 1 | 51.3 | 4.4 | 9.2 | <u>51.9</u> 50.6 | <u>54.6</u> 54.0 | <u>3.3</u> 2.7 | <u>No Impact</u> No Impact |
| R116 | 2 | 1 | 51.1 | 4.5 | 9.3 | <u>51.8</u> 50.8 | <u>54.5</u> 54.0 | <u>3.4</u> 2.9 | <u>No Impact</u> No Impact |
| R117 | 2 | 1 | 51.0 | 4.6 | 9.4 | <u>51</u> 49.7 | <u>54.0</u> 53.4 | <u>3.0</u> 2.4 | <u>No Impact</u> No Impact |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|------------------|------------------------|
| | | | | Moderate | Severe | | | | |
| R118 | 2 | 1 | 50.3 | 4.9 | 9.8 | <u>50.5</u> 49.4 | <u>53.4</u> 52.9 | <u>3.1</u> 2.6 | No Impact No Impact |
| R119 | 2 | 1 | 50.0 | 5.0 | 10.0 | <u>51.4</u> 9.6 | <u>53.5</u> 52.8 | <u>3.5</u> 2.8 | No Impact No Impact |
| R120 | 2 | 1 | 49.8 | 5.1 | 10.2 | <u>46.3</u> 44.3 | <u>51.4</u> 50.9 | <u>1.6</u> 1.1 | No Impact No Impact |
| R121 | 2 | 1 | 49.8 | 5.1 | 10.2 | <u>46.6</u> 45.3 | <u>51.5</u> 51.1 | <u>1.7</u> 1.3 | No Impact No Impact |
| R122 | 2 | 1 | 50.0 | 5.0 | 10.0 | <u>50.3</u> 48.4 | <u>53.2</u> 52.3 | <u>3.2</u> 2.3 | No Impact No Impact |
| R123 | 2 | 1 | 50.1 | 5.0 | 10.0 | <u>52.3</u> 49.7 | <u>54.3</u> 52.9 | <u>4.2</u> 2.8 | No Impact No Impact |
| R124 | 2 | 1 | 50.2 | 4.9 | 9.9 | <u>51.5</u> 49.2 | <u>53.9</u> 52.7 | <u>3.7</u> 2.5 | No Impact No Impact |
| R125 | 2 | 1 | 41.5 | 10.0 | 15.0 | <u>53.2</u> 50.6 | <u>53.5</u> 51.1 | <u>12.0</u> 9.6 | Moderate No Impact |
| R126 | 2 | 1 | 41.9 | 10.0 | 15.0 | <u>54.1</u> 51.5 | <u>54.4</u> 51.9 | <u>12.5</u> 10.0 | Moderate Moderate |
| R127 | 2 | 1 | 42.0 | 10.0 | 15.0 | <u>50.2</u> 48.7 | <u>50.8</u> 49.6 | <u>8.8</u> 7.6 | No Impact No Impact |
| R128 | 2 | 1 | 41.5 | 10.0 | 15.0 | <u>39.9</u> 37.9 | <u>43.8</u> 43.1 | <u>2.3</u> 1.6 | No Impact No Impact |
| R129 | 2 | 1 | 41.2 | 10.0 | 15.0 | <u>40.7</u> 37.8 | <u>44.0</u> 42.8 | <u>2.8</u> 1.6 | No Impact No Impact |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|----------------|------------------------|
| | | | | Moderate | Severe | | | | |
| R130 | 2 | 1 | 41.0 | 10.0 | 15.0 | <u>39.5</u> 37.6 | <u>43.3</u> 42.6 | <u>2.3</u> 1.6 | No Impact No Impact |
| R131 | 2 | 1 | 40.7 | 10.0 | 15.0 | <u>41.4</u> 39.4 | <u>44.1</u> 43.1 | <u>3.4</u> 2.4 | No Impact No Impact |
| R132 | 2 | 1 | 40.5 | 10.0 | 15.0 | <u>41.4</u> 39.4 | <u>44.0</u> 43.0 | <u>3.5</u> 2.5 | No Impact No Impact |
| R133 | 2 | 1 | 49.2 | 5.4 | 10.6 | <u>42.8</u> 41.2 | <u>50.1</u> 49.8 | <u>0.9</u> 0.6 | No Impact No Impact |
| R134 | 2 | 1 | 49.1 | 5.4 | 10.7 | <u>45.8</u> 43.4 | <u>50.8</u> 50.1 | <u>1.7</u> 1.0 | No Impact No Impact |
| R135 | 2 | 1 | 40.2 | 10.0 | 15.0 | <u>40.3</u> 37.7 | <u>43.1</u> 42.1 | <u>2.9</u> 1.9 | No Impact No Impact |
| R136 | 2 | 1 | 40.4 | 10.0 | 15.0 | <u>39.7</u> 37.2 | <u>43.1</u> 42.1 | <u>2.7</u> 1.7 | No Impact No Impact |
| R137 | 2 | 1 | 40.5 | 10.0 | 15.0 | <u>39.9</u> 37.6 | <u>43.2</u> 42.3 | <u>2.7</u> 1.8 | No Impact No Impact |
| R138 | 2 | 1 | 40.7 | 10.0 | 15.0 | <u>39.6</u> 37.0 | <u>43.2</u> 42.3 | <u>2.5</u> 1.6 | No Impact No Impact |
| R139 | 2 | 1 | 40.8 | 10.0 | 15.0 | <u>40.3</u> 37.3 | <u>43.4</u> 42.4 | <u>2.6</u> 1.6 | No Impact No Impact |
| R140 | 2 | 1 | 41.0 | 10.0 | 15.0 | <u>39.9</u> 37.6 | <u>43.5</u> 42.6 | <u>2.5</u> 1.6 | No Impact No Impact |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|----------------|------------------------|
| | | | | Moderate | Severe | | | | |
| R141 | 2 | 1 | 41.2 | 10.0 | 15.0 | <u>40.6</u> 37.9 | <u>43.9</u> 42.9 | <u>2.7</u> 1.7 | No Impact No Impact |
| R142 | 2 | 1 | 41.4 | 10.0 | 15.0 | <u>41.2</u> 38.5 | <u>44.3</u> 43.2 | <u>2.9</u> 1.8 | No Impact No Impact |
| R143 | 2 | 1 | 41.5 | 10.0 | 15.0 | <u>41.5</u> 38.7 | <u>44.5</u> 43.3 | <u>3.0</u> 1.8 | No Impact No Impact |
| R144 | 2 | 1 | 41.8 | 10.0 | 15.0 | <u>42.2</u> 39.5 | <u>45.0</u> 43.8 | <u>3.2</u> 2.0 | No Impact No Impact |
| R145 | 2 | 1 | 42.3 | 10.0 | 15.0 | <u>28.8</u> 26.6 | <u>42.5</u> 42.4 | <u>0.2</u> 0.1 | No Impact No Impact |
| R146 | 2 | 12 | 47.9 | 6.1 | 11.6 | <u>33.7</u> 31.8 | <u>48.1</u> 48.0 | <u>0.2</u> 0.1 | No Impact No Impact |
| R147 | 2 | 12 | 48.6 | 5.7 | 11.0 | <u>34.2</u> 32.2 | <u>48.8</u> 48.7 | <u>0.2</u> 0.1 | No Impact No Impact |
| R148 | 2 | 12 | 47.4 | 6.3 | 11.9 | <u>37.2</u> 35.5 | <u>47.8</u> 47.7 | <u>0.4</u> 0.3 | No Impact No Impact |
| R149 | 2 | 12 | 49.0 | 5.5 | 10.7 | <u>33.6</u> 31.7 | <u>49.1</u> 49.1 | <u>0.1</u> 0.1 | No Impact No Impact |
| R150 | 2 | 1 | 50.4 | 4.8 | 9.8 | <u>36.2</u> 34.3 | <u>50.6</u> 50.5 | <u>0.2</u> 0.1 | No Impact No Impact |
| R153 | 2 | 1 | 48.0 | 6.0 | 11.5 | <u>36.5</u> 34.6 | <u>48.3</u> 48.2 | <u>0.3</u> 0.2 | No Impact No Impact |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|----------------|------------------------|
| | | | | Moderate | Severe | | | | |
| R155 | 2 | 1 | 50.7 | 4.7 | 9.6 | <u>37.9</u> 36.0 | <u>50.9</u> 50.8 | <u>0.2</u> 0.1 | No Impact No Impact |
| R157 | 2 | 1 | 48.1 | 5.9 | 11.4 | <u>38.1</u> 36.2 | <u>48.5</u> 48.4 | <u>0.4</u> 0.3 | No Impact No Impact |
| R158 | 2 | 1 | 48.6 | 5.7 | 11.0 | <u>42.8</u> 41.5 | <u>49.6</u> 49.4 | <u>1.0</u> 0.8 | No Impact No Impact |
| R159 | 2 | 1 | 47.7 | 6.2 | 11.7 | <u>40.4</u> 36.7 | <u>48.4</u> 48.0 | <u>0.7</u> 0.3 | No Impact No Impact |
| R161 | 2 | 1 | 46.6 | 6.8 | 12.6 | <u>44.4</u> 39.0 | <u>48.6</u> 47.3 | <u>2.0</u> 0.7 | No Impact No Impact |
| R164 | 2 | 1 | 43.7 | 8.7 | 14.8 | <u>45</u> 42.0 | <u>47.4</u> 45.9 | <u>3.7</u> 2.2 | No Impact No Impact |
| R165 | 2 | 1 | 49.0 | 5.5 | 10.7 | <u>48.9</u> 47.3 | <u>52.0</u> 51.2 | <u>3.0</u> 2.2 | No Impact No Impact |
| R166 | 2 | 1 | 49.8 | 5.1 | 10.2 | <u>47.3</u> 46.2 | <u>51.7</u> 51.4 | <u>1.9</u> 1.6 | No Impact No Impact |
| R167 | 2 | 4 | 53.0 | 3.8 | 8.2 | <u>48</u> 48.0 | <u>54.2</u> 54.2 | <u>1.2</u> 1.2 | No Impact No Impact |
| R168 | 2 | 4 | 53.0 | 3.8 | 8.2 | <u>46.3</u> 44.2 | <u>53.8</u> 53.5 | <u>0.8</u> 0.5 | No Impact No Impact |
| R169 | 2 | 4 | 49.9 | 5.0 | 10.1 | <u>47.8</u> 47.1 | <u>52.0</u> 51.7 | <u>2.1</u> 1.8 | No Impact No Impact |
| R170 | 2 | 8 | 49.0 | 5.5 | 10.7 | <u>53.9</u> 55.5 | <u>55.1</u> 56.4 | <u>6.1</u> 7.4 | Moderate Moderate |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|------------------|------------------------|
| | | | | Moderate | Severe | | | | |
| R171 | 2 | 1 | 56.5 | 2.8 | 6.4 | <u>46.9</u> 44.4 | <u>57.0</u> 56.8 | <u>0.50</u> 0.3 | No Impact No Impact |
| R172 | 2 | 1 | 57.8 | 2.5 | 5.8 | <u>48.5</u> 45.3 | <u>58.3</u> 58.0 | <u>0.50</u> 0.2 | No Impact No Impact |
| R173 | 2 | 1 | 57.1 | 2.6 | 6.1 | <u>49.2</u> 46.3 | <u>57.8</u> 57.4 | <u>0.70</u> 0.3 | No Impact No Impact |
| R174 | 2 | 1 | 58.0 | 2.4 | 5.8 | <u>44.8</u> 42.6 | <u>58.2</u> 58.1 | <u>0.20</u> 0.1 | No Impact No Impact |
| R175 | 2 | 1 | 59.4 | 2.1 | 5.2 | <u>44.4</u> 42.0 | <u>59.5</u> 59.5 | <u>0.10</u> 0.1 | No Impact No Impact |
| R176 | 2 | 21 | 52.2 | 4.1 | 8.6 | <u>58.2</u> 58.7 | <u>59.2</u> 59.6 | <u>7.07</u> 7.4 | Moderate Moderate |
| R177 | 2 | 16 | 52.5 | 4.0 | 8.5 | <u>47.8</u> 46.4 | <u>53.8</u> 53.5 | <u>1.31</u> 1.0 | No Impact No Impact |
| R178 | 2 | 16 | 53.3 | 3.7 | 8.0 | <u>45.1</u> 43.5 | <u>53.9</u> 53.7 | <u>0.60</u> 0.4 | No Impact No Impact |
| R179 | 2 | 16 | 50.5 | 4.8 | 9.7 | <u>46.8</u> 45.1 | <u>52.0</u> 51.6 | <u>1.51</u> 1.1 | No Impact No Impact |
| R180 | 2 | 1 | 52.5 | 4.0 | 8.5 | <u>39.3</u> 37.1 | <u>52.7</u> 52.6 | <u>0.20</u> 0.1 | No Impact No Impact |
| R197 | 2 | 21 | 54.4 | 3.3 | 7.4 | <u>50.1</u> 51.6 | <u>55.8</u> 56.2 | <u>1.41</u> 1.8 | No Impact No Impact |
| R198 | 3 | 1 | 46.2 | 7.0 | 12.9 | <u>55.7</u> 54.4 | <u>56.2</u> 55.1 | <u>10.08</u> 8.9 | Moderate Moderate |

Table C-2. Detailed Operational Noise Analysis Results Later Phases

| Receptor | Land Use Category | Units | Existing (L _{dn} /L _{eq}) | Impact Threshold | | Proposed Project (L _{dn} /L _{eq}) | Proposed Project Cumulative (L _{dn} /L _{eq}) | Increase (dB) | Impact Category |
|----------|-------------------|-------|--|------------------|--------|--|---|-------------------------------|--|
| | | | | Moderate | Severe | | | | |
| R199 | 4 | 1 | 46.2 | 7.0 | 12.9 | <u>52.5</u> 50.5 | <u>53.0</u> 51.9 | <u>6.8</u> 5.7 | <u>No Impact</u> No Impact |
| R200 | 5 | 1 | 46.2 | 7.0 | 12.9 | <u>57.3</u> 55.3 | <u>57.6</u> 55.8 | <u>11.4</u> 9.6 | <u>Moderate</u> Moderate |
| R201 | 6 | 1 | 46.2 | 7.0 | 12.9 | <u>56.4</u> 55.6 | <u>56.8</u> 56.0 | <u>10.6</u> 9.8 | <u>Moderate</u> Moderate |

Notes:

dB=decibel; L_{eq}=equivalent noise level; L_{dn}=day-night average sound level

Table C-3. Construction Noise Analysis Results

| Receptor | Distance to Construction (feet) | FTA Daytime Guideline (dBA L _{eq}) | Highest Construction Noise Level (all Phases) dBA L _{eq} | Exceeds FTA Daytime Guideline? |
|----------|---------------------------------|--|---|--------------------------------|
| R1 | 512 | 80 | 71 | No |
| R2 | 471 | 80 | 71 | No |
| R3 | 478 | 80 | 71 | No |
| R4 | 428 | 80 | 72 | No |
| R5 | 440 | 80 | 72 | No |
| R6 | 376 | 80 | 73 | No |
| R7 | 322 | 80 | 75 | No |
| R8 | 316 | 80 | 75 | No |
| R9 | 270 | 80 | 76 | No |
| R10 | 231 | 80 | 78 | No |
| R11 | 550 | 80 | 70 | No |
| R12 | 466 | 80 | 71 | No |
| R13 | 397 | 80 | 73 | No |
| R14 | 422 | 80 | 72 | No |
| R15 | 327 | 80 | 75 | No |
| R16 | 301 | 80 | 75 | No |
| R17 | 265 | 80 | 76 | No |
| R18 | 235 | 80 | 77 | No |
| R19 | 655 | 80 | 69 | No |
| R20 | 622 | 80 | 69 | No |
| R21 | 578 | 80 | 70 | No |
| R22 | 532 | 80 | 70 | No |
| R23 | 598 | 80 | 69 | No |
| R24 | 478 | 80 | 71 | No |
| R25 | 554 | 80 | 70 | No |
| R26 | 455 | 80 | 72 | No |
| R27 | 438 | 80 | 72 | No |
| R28 | 383 | 80 | 73 | No |
| R29 | 356 | 80 | 74 | No |
| R30 | 491 | 80 | 71 | No |
| R31 | 525 | 80 | 70 | No |
| R32 | 556 | 80 | 70 | No |
| R33 | 592 | 80 | 69 | No |
| R34 | 329 | 80 | 75 | No |
| R35 | 368 | 80 | 74 | No |

Table C-3. Construction Noise Analysis Results

| Receptor | Distance to Construction (feet) | FTA Daytime Guideline (dBA L _{eq}) | Highest Construction Noise Level (all Phases) dBA L _{eq} | Exceeds FTA Daytime Guideline? |
|----------|---------------------------------|--|---|--------------------------------|
| R36 | 412 | 80 | 73 | No |
| R37 | 449 | 80 | 72 | No |
| R38 | 477 | 80 | 71 | No |
| R39 | 522 | 80 | 70 | No |
| R40 | 553 | 80 | 70 | No |
| R41 | 582 | 80 | 70 | No |
| R42 | 614 | 80 | 69 | No |
| R43 | 319 | 80 | 75 | No |
| R44 | 297 | 80 | 75 | No |
| R45 | 382 | 80 | 73 | No |
| R46 | 408 | 80 | 73 | No |
| R47 | 442 | 80 | 72 | No |
| R48 | 480 | 80 | 71 | No |
| R49 | 512 | 80 | 71 | No |
| R50 | 539 | 80 | 70 | No |
| R51 | 278 | 80 | 76 | No |
| R52 | 268 | 80 | 76 | No |
| R53 | 256 | 80 | 77 | No |
| R54 | 247 | 80 | 77 | No |
| R55 | 243 | 80 | 77 | No |
| R56 | 235 | 80 | 77 | No |
| R57 | 222 | 80 | 78 | No |
| R58 | 354 | 80 | 74 | No |
| R59 | 391 | 80 | 73 | No |
| R60 | 420 | 80 | 72 | No |
| R61 | 398 | 80 | 73 | No |
| R62 | 367 | 80 | 74 | No |
| R63 | 344 | 80 | 74 | No |
| R64 | 329 | 80 | 75 | No |
| R65 | 307 | 80 | 75 | No |
| R66 | 604 | 80 | 69 | No |
| R67 | 674 | 80 | 68 | No |
| R68 | 692 | 80 | 68 | No |
| R69 | 754 | 80 | 67 | No |
| R70 | 811 | 80 | 67 | No |

Table C-3. Construction Noise Analysis Results

| Receptor | Distance to Construction (feet) | FTA Daytime Guideline (dBA L _{eq}) | Highest Construction Noise Level (all Phases) dBA L _{eq} | Exceeds FTA Daytime Guideline? |
|----------|---------------------------------|--|---|--------------------------------|
| R71 | 752 | 80 | 67 | No |
| R72 | 784 | 80 | 67 | No |
| R73 | 729 | 80 | 68 | No |
| R74 | 793 | 80 | 67 | No |
| R75 | 686 | 80 | 68 | No |
| R76 | 724 | 80 | 68 | No |
| R77 | 826 | 80 | 67 | No |
| R78 | 814 | 80 | 67 | No |
| R79 | 762 | 80 | 67 | No |
| R80 | 697 | 80 | 68 | No |
| R81 | 816 | 80 | 67 | No |
| R82 | 768 | 80 | 67 | No |
| R83 | 692 | 80 | 68 | No |
| R84 | 533 | 80 | 70 | No |
| R85 | 501 | 80 | 71 | No |
| R86 | 477 | 80 | 71 | No |
| R87 | 445 | 80 | 72 | No |
| R88 | 554 | 80 | 70 | No |
| R89 | 762 | 80 | 67 | No |
| R90 | 671 | 80 | 68 | No |
| R91 | 634 | 80 | 69 | No |
| R92 | 610 | 80 | 69 | No |
| R93 | 588 | 80 | 69 | No |
| R94 | 567 | 80 | 70 | No |
| R95 | 538 | 80 | 70 | No |
| R96 | 754 | 80 | 67 | No |
| R97 | 732 | 80 | 68 | No |
| R98 | 701 | 80 | 68 | No |
| R99 | 684 | 80 | 68 | No |
| R100 | 646 | 80 | 69 | No |
| R101 | 491 | 80 | 71 | No |
| R102 | 496 | 80 | 71 | No |
| R103 | 480 | 80 | 71 | No |
| R104 | 454 | 80 | 72 | No |
| R105 | 416 | 80 | 72 | No |

Table C-3. Construction Noise Analysis Results

| Receptor | Distance to Construction (feet) | FTA Daytime Guideline (dBA L _{eq}) | Highest Construction Noise Level (all Phases) dBA L _{eq} | Exceeds FTA Daytime Guideline? |
|----------|---------------------------------|--|---|--------------------------------|
| R106 | 374 | 80 | 73 | No |
| R107 | 282 | 80 | 76 | No |
| R108 | 287 | 80 | 76 | No |
| R109 | 327 | 80 | 75 | No |
| R110 | 343 | 80 | 74 | No |
| R111 | 358 | 80 | 74 | No |
| R112 | 389 | 80 | 73 | No |
| R113 | 204 | 80 | 79 | No |
| R114 | 230 | 80 | 78 | No |
| R115 | 285 | 80 | 76 | No |
| R116 | 313 | 80 | 75 | No |
| R117 | 343 | 80 | 74 | No |
| R118 | 471 | 80 | 71 | No |
| R119 | 522 | 80 | 70 | No |
| R120 | 581 | 80 | 70 | No |
| R121 | 574 | 80 | 70 | No |
| R122 | 535 | 80 | 70 | No |
| R123 | 505 | 80 | 71 | No |
| R124 | 498 | 80 | 71 | No |
| R125 | 465 | 80 | 71 | No |
| R126 | 410 | 80 | 73 | No |
| R127 | 413 | 80 | 73 | No |
| R128 | 490 | 80 | 71 | No |
| R129 | 550 | 80 | 70 | No |
| R130 | 599 | 80 | 69 | No |
| R131 | 633 | 80 | 69 | No |
| R132 | 667 | 80 | 68 | No |
| R133 | 699 | 80 | 68 | No |
| R134 | 725 | 80 | 68 | No |
| R135 | 755 | 80 | 67 | No |
| R136 | 715 | 80 | 68 | No |
| R137 | 695 | 80 | 68 | No |
| R138 | 641 | 80 | 69 | No |
| R139 | 612 | 80 | 69 | No |
| R140 | 569 | 80 | 70 | No |

Table C-3. Construction Noise Analysis Results

| Receptor | Distance to Construction (feet) | FTA Daytime Guideline (dBA L _{eq}) | Highest Construction Noise Level (all Phases) dBA L _{eq} | Exceeds FTA Daytime Guideline? |
|----------|---------------------------------|--|---|--------------------------------|
| R141 | 527 | 80 | 70 | No |
| R142 | 474 | 80 | 71 | No |
| R143 | 448 | 80 | 72 | No |
| R144 | 359 | 80 | 74 | No |
| R145 | 1741 | 80 | 60 | No |
| R146 | 764 | 80 | 67 | No |
| R147 | 774 | 80 | 67 | No |
| R148 | 590 | 80 | 69 | No |
| R149 | 652 | 80 | 69 | No |
| R150 | 568 | 80 | 70 | No |
| R151 | 504 | 80 | 71 | No |
| R152 | 424 | 80 | 72 | No |
| R153 | 368 | 80 | 74 | No |
| R154 | 430 | 80 | 72 | No |
| R155 | 495 | 80 | 71 | No |
| R156 | 365 | 80 | 74 | No |
| R157 | 310 | 80 | 75 | No |
| R158 | 263 | 80 | 76 | No |
| R159 | 197 | 80 | 79 | No |
| R161 | 130 | 80 | 83 | Yes |
| R163 | 204 | 80 | 79 | No |
| R164 | 260 | 80 | 77 | No |
| R165 | 239 | 80 | 77 | No |
| R166 | 287 | 80 | 76 | No |
| R167 | 190 | 80 | 79 | No |
| R168 | 213 | 80 | 78 | No |
| R169 | 237 | 80 | 77 | No |
| R170 | 164 | 80 | 81 | Yes |
| R171 | 387 | 80 | 73 | No |
| R172 | 441 | 80 | 72 | No |
| R173 | 400 | 80 | 73 | No |
| R174 | 434 | 80 | 72 | No |
| R175 | 476 | 80 | 71 | No |
| R176 | 144 | 80 | 82 | Yes |
| R177 | 167 | 80 | 80 | No |

Table C-3. Construction Noise Analysis Results

| Receptor | Distance to Construction (feet) | FTA Daytime Guideline (dBA L _{eq}) | Highest Construction Noise Level (all Phases) dBA L _{eq} | Exceeds FTA Daytime Guideline? |
|----------|---------------------------------|--|---|--------------------------------|
| R178 | 235 | 80 | 77 | No |
| R179 | 189 | 80 | 79 | No |
| R180 | 512 | 80 | 71 | No |
| R197 | 292 | 80 | 76 | No |
| R198 | 192 | 80 | 79 | No |
| R199 | 254 | 80 | 77 | No |
| R200 | 204 | 80 | 79 | No |
| R201 | 194 | 80 | 79 | No |

Notes:

dBA=A-weighted decibel; L_{eq}=equivalent sound level